



WEST VIRGINIA STATE
UNIVERSITY



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Course Catalog

2015-2016

Revised

2015-2016
UNIVERSITY CATALOG
MID-YEAR REVISION

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ABOUT THE UNIVERSITY

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Administration

President's Cabinet

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President

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President

Crystal A. Walker, A.A.S., Executive
Assistant to the President

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and Vice President for Academic Affairs

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Service

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and Student Affairs

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Provost and Associate Vice President for
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President for Student Life and
Engagement

Adam Neal, M.S.Ed., Assistant Vice
President for University Advancement

Thomas R. Bennett, II, B.S., Assistant
Vice President for University and
Legislative Relations

Academic Deans

Scott Woodard, D.M.A., College of Arts
and Humanities

David Bejou, Ph.D., College of Business
and Social Sciences

Naveed Zaman, Ph.D., College of
Natural Sciences and Mathematics
(Interim)

J. Paige Carney, Ed.D.,
College of Professional Studies

Directors

Nathan S. Gainer, M.B.A., Director for
Academic Education Outreach

Amanda Anderson, M.B.A., Director
for Admissions

Trina Sweeney, M.S., Director for Adult
and Commuter Student Services

Belinda K. Fuller, B.S., Director for
Alumni Relations

Nate Burton, B.A., Director for
Athletics (Interim)

Sandy Maharaj, Ed.S., Director for
Career Services and Cooperative
Education

Thomas Kiddie, Ph.D., Director for
Center for Online Learning

Matthew Browning, M.S., Director for
Communications, Gus R. Douglass
Institute

Kellie Toledo, M.A., Director for
Counseling and Academic Support
Services

Willette Stinson, Ph.D., Director for
Drain-Jordan Library

Lan Wang, Ph.D., Director for English
as a Second Language

Genia Sklute, Ph.D., Director for
Honors Program

Joyce Chaney, B.A., Director for Human
Resources

Alan Skidmore, B.S., Director for
Information Technology

Vicky Morris-Dueer, M.S., Director for
Institutional Research, Assessment &
Effectiveness

Coston Davis, M.S., Director for
Leadership, Mentoring and Judicial
Affairs, and Director for Military Student
Services

LTC Derrick Spears, Director for
Military Science

Sharon Smith Banks, M.A., Director for
New Student Programs

Todd Griffith, Director for Photographic
Services

Marvin Smith, Director for Physical
Facilities

Jim Hale, A.A.S., Director for Printing
Services

Jack Bailey, B.S., Director for Public
Relations

Yuma Nakada, B.A., Director for
Publications and Design

Joseph Saunders, M.S., Director for
Public Safety

Donna Hunter, M.A., Director for
Registration and Records

Jarvis Purnell, M.S., Director for
Residence Life

JoAnn Ross, B.S., Director for Student
Financial Assistance

Savanah Johnson, Director for Upward
Bound Math and Science

Barbara Cary, M.A., Director for
Upward Bound and Student Support
Services

Affirmative Action Statement

West Virginia State University is an equal opportunity/affirmative action institution and does not discriminate against any person because of race, sex, age, color, religion, disability, or national or ethnic origin.

This policy extends to all West Virginia State University activities related to the management of its educational, financial and business affairs. It affects all employment practices including but not limited to recruitment, hiring, transfer, promotion, training, compensation, benefits, layoff and termination.

Vision

West Virginia State University will become the most student-centered, research and teaching, land-grant university in the State of West Virginia and beyond.

Mission

West Virginia State University will meet the higher education and economic development needs of the state and region through innovative teaching and applied research.

Mission Statement

Founded in 1891, West Virginia State University is a public, land-grant, historically black university, which has evolved into a fully accessible, racially integrated, and multi-generational institution. The University, “a living laboratory of human relations,” is a community of students, staff, and faculty committed to academic growth, service, and preservation of the racial and cultural diversity of the institution. Its mission is to meet higher education and economic development needs of the state and region through innovative teaching and applied research.

The undergraduate education at the University offers comprehensive and distinguished baccalaureate programs in business, liberal arts, professional studies, sciences and social sciences. The University provides master’s degrees and other opportunities for graduate education.

West Virginia State University offers flexible course schedules in traditional classrooms, in nontraditional settings, and online. With the goal of improving the quality of our students’ lives, as well as the quality of life for West Virginia’s citizens, the University forges mutually beneficial relationships with other educational institutions, businesses, cultural organizations, governmental agencies, and agricultural and extension partners.

The following values guide our decisions and behavior:

- academic excellence;
- academic freedom;

- advancement of knowledge through teaching, research, scholarship, creative endeavor and community service
- a core of student learning that includes effective communication, understanding and analysis of the interconnections of knowledge, and responsibility for one’s own learning;
- lifelong growth, development and achievement of our students;
- development of human capacities for integrity, compassion and citizenship;
- our rich and diverse heritage;
- personal and professional development of our faculty and staff;
- accountability through shared responsibility and continuous improvement.

West Virginia State University is a vibrant community in which those who work, teach, live, and learn do so in an environment that reflects the diversity of America. Our comprehensive campus provides vast opportunities for our students. We take great pride in our accomplishments and envision building upon our baccalaureate and graduate programs and our excellence in teaching, research, and service.

Approved by the West Virginia Higher Education Policy Commission -September 21, 2001. Modified by the West Virginia State University Board of Governors-December 9, 2004; September 10, 2009; September 23, 2010.

General Information

West Virginia State University is a state-supported institution of higher education located in Institute, W.Va.-a suburb of Charleston, the State Capital of West Virginia. Just off Interstate 64, Institute is eight miles from downtown Charleston and 40 miles from Huntington. Commuter buses serving Charleston and other suburban communities serve the campus at frequent intervals throughout day.

With a 100-acre campus, 25 major buildings, and 16 faculty/staff homes, the University is located in the beautiful Appalachian foothills. It is part of West Virginia’s largest metropolitan area. For nearly 125 years, the University has been an active participant in the intellectual and cultural development of Charleston and the Kanawha Valley.

While serving a large commuter population, the University also maintains several residence halls and active residential life. A student body, comprised of approximately 2,800 individuals, comes from the Kanawha Valley, across West Virginia, many other states and a number of foreign countries.

Accreditation

West Virginia State University is accredited by the Higher Learning Commission of the North Central Association of

Colleges and Schools. The Teacher Education program is accredited by the National Council for Accreditation of Teacher Education, by the West Virginia State Department of Education, and by the West Virginia Higher Education Policy Commission. The bachelor's degree in Social Work is accredited by the Council on Social Work Education. Option A of the bachelor's degree in Chemistry is certified by the American Chemical Society. The bachelor of science degree program in the Department of Business Administration and the bachelor of arts degree in Economics are accredited by the Accreditation Council for Business Schools and Programs.

The University holds institutional membership in the following national associations:

- Accreditation Council for Business Schools and Programs
- American Association of Colleges for Teacher Education
- American Association of Collegiate Registrars and Admissions Officers
- American Association of State Colleges and Universities
- American Association of University Women
- American Chemical Society
- American College Personnel Association
- American Council on Education
- American Political Science Association
- Association of American Colleges
- Association of College and University Community Arts Administrators
- Association of Departments of Foreign Language
- Committee on Allied Health Education and Accreditation of the American Medical Association
- Cooperative Education Administration
- Council for Advancement and Support of Education
- Council on Social Work Education
- National Association of Student Personnel Administrators
- National Association of College Admission Counseling
- National Association of Student Financial Aid Administrators
- National Collegiate Athletic Association
- National Commission for Cooperative Education
- National Council for the Accreditation of Teacher Education
- National HBCUs Business Deans Roundtable
- Higher Learning Commission of the North Central Association of Colleges and Schools
- The College Board

History

Founded in 1891, West Virginia State University (WVSU) has entered its second century of service. A historically black institution, WVSU has its origins with federal legislation known as the Second Morrill Act passed by the U.S. Congress in 1890. The Act provided that no land-grant institution of higher education could enjoy the benefits of federal funds provided by the Act unless adequate provision was made for the education of black and white students. At the time, West Virginia University (WVU), a land-grant institution, had been in existence for more than two decades. Therefore, to ensure federal funds for WVU, the West Virginia Legislature enacted legislation to create a new land-grant institution in Kanawha County for black students. The Legislation was signed on March 17, 1891, by Governor Fleming. March 17 is recognized annually on campus as Founder's Day.

The new institution was known initially as the West Virginia Colored Institute. Land was purchased by the state and the first building erected of red brick and stone was a three-story structure costing \$9,456. During its first year, the primary purpose of the institute was to teach agriculture, horticulture, mechanical arts and domestic science. Teacher training was added the second year and has remained an important emphasis throughout the school's history. In the early years, students came to school by train or by boat on the Kanawha River and were primarily residential students.

In 1915, the name was changed to the West Virginia Collegiate Institute. While training was offered in subjects such as agriculture, blacksmithing, brick-laying and plastering, dress making and millinery, there was an increased emphasis on music, military instruction, mathematics, literary subjects and science. The first college degrees were awarded in 1919. The institution was first accredited by the North Central Association of Colleges and Secondary Schools in 1927 and has remained accredited to the present.

In 1929, the legislature changed the name of the institution to West Virginia State College (WVSC). Throughout the decades, the institution has grown under the dynamic leadership of talented administrators and faculty, and from the 1920's onward, it has been recognized nationally as one of the premier institutions in the education of black students. In 1954, when the U.S. Supreme Court in *Brown vs. Board of Education* ruled that segregated schools were unconstitutional, WVSC had an enrollment of 837 students. Within the next few years, the enrollment increased dramatically and WVSC was transformed into a racially integrated institution. It gained nationwide recognition as a "living laboratory of human relations." Today, as a university, WVSU maintains its reputation for academic excellence, and its racially and generationally diverse student body continues to be a model for human relations.

In 1978, the Community College Division was added to administer a variety of associate degrees and Continuing Education and Community Service programs. Priority continues to be given to planning and cooperating with business, industrial, governmental, labor union, educational and professional leadership. In fall 2004, the West Virginia State Community & Technical College (WVSCTC) became an independently accredited institution, administratively linked to WVSU, and in 2010, the former WVSCTC was renamed Kanawha Valley Community and Technical College; currently, it is an institution completely separate from the University and was renamed, now known as BridgeValley Community and Technical College.

The college achieved a significant milestone in 2003 when it received approval from the Higher Learning Commission of the North Central Association of Colleges and Secondary Schools to offer graduate programs for the first time. Master's level programs in Biotechnology and Media Studies were implemented in 2003. On April 7, 2004, Governor Bob Wise signed Senate Bill 448, which changed the institution name to West Virginia State University. The West Virginia Higher Education Policy Commission had conferred on West Virginia State College university status on December 5, 2003.

Throughout the University's history, WVSU alumni have held positions of leadership and public trust in West Virginia, most other states, and some foreign countries. Future graduates will join alumni well-grounded in the liberal arts, skilled in their chosen occupations or professions, and sensitive to and appreciative of people of all races and ethnic backgrounds.

Presidents of West Virginia State University

Including West Virginia Colored Institute, West Virginia Collegiate Institute, West Virginia State College, and West Virginia State University, the following individuals have served as President of the institution:

J. Edwin Campbell	1892-1894
John H. Hill	1894-1898
J. McHenry Jones	1898-1909
Byrd Prillerman	1909-1919
John W. Davis	1919-1953
William J. L. Wallace	1953-1973
Harold M. McNeill	1973-1981
Thomas W. Cole, Jr.	1982-1986
Hazo W. Carter, Jr.	1987-2012
Brian O. Hemphill	2012-Present

Major University Buildings

Canty House-Erected as a private home by James M. Canty who was principal of the former Institute High School, and purchased by the University, the Canty House houses the University's Sports Hall of Fame.

Campbell Conference Center-Erected in 1927, the Campbell Conference Center was the former home economics cottage named for J. Edwin Campbell who was President of the West Virginia Colored Institute from 1892-1894.

Capitol Center-Erected in 1919, and located in downtown Charleston at 123 Summers St., the Capitol Center serves as an off-campus site for university classes, cultural activities and continuing education programs. The Capitol Center consists of six classrooms and a fully equipped proscenium theatre. Formerly known as the Capitol Plaza Theatre, and Capitol Plaza Music Hall, the theatre is a renovated vaudeville and music house currently listed on the National Register of Historic Places.

Thomas W. Cole, Jr. Complex-Erected in 1982, Cole Complex is the location for the educational technology center, radio and television production studio, and film lab. It houses faculty offices for faculty members in the Business Administration and Communications Departments, and the University business functions.

Davis Fine Arts Building-Erected in 1966, and named for Dr. John W. Davis who served as president from 1919-1953, the Davis Fine Arts Building houses the office of the College of Arts & Humanities. The Davis Fine Arts Building serves as the home of the Fannin S. Belcher Theater, named for a Professor of Drama, 1930-1967, and the Della Brown Taylor Hardman Art Gallery, named in honor of a Professor of Art, 1960-1986. The Davis Fine Arts Building houses classrooms, studios and faculty offices for the Art and Music Departments.

Dawson Hall-Erected in 1918, renovated in 1976 and again in 1999, Dawson Hall was named for William M. O. Dawson, Governor of West Virginia, 1905-09. Dawson Hall serves as a residence hall.

Drain-Jordan Library-Erected in 1951 and renovated 1983, the Drain-Jordan Library was named for Leanead Drain, University librarian, 1927-1956, and Lawrence V. Jordan, Professor of Education, 1934-1968.

East Hall-Erected in 1895, East Hall served as the president's residence until 1973. University Advancement now occupies East Hall.

Ferguson-Lincoln Building-Erected in 1974, and named after Professors Daniel L. Ferguson and Daniel P. Lincoln who taught military education and gave pre-induction

training during World War II. The Ferguson-Lincoln Building houses the University's historic Army Reserve Officer Training Corps (ROTC).

Ferrell Hall-Erected in 1925 and renovated 1980, Ferrell Hall was named for Dr. Harrison H. Ferrell who was Academic Dean, 1936-1965. Also known as the administration building, Ferrell Hall is the location of the Office of the President, all university vice presidents, and various administrative offices as well as the P. Ahmed Williams auditorium and some classrooms.

Fleming Hall-Erected in 1941 and named for Arthur B. Fleming, Governor of West Virginia, 1890-1893, Fleming Hall houses Athletic Department offices and offices for the Health and Human Performance Department.

Hamblin Hall-Erected in 1953 and renovated in 1989, Hamblin Hall was named for Adolph P. Hamblin, Professor of Biology, 1921-1966. Hamblin Hall houses the College of Natural Sciences and Mathematics, faculty offices for Chemistry, Biology, and Physics Departments and staff offices for Information Technology.

Hill Hall-Erected in 1936 and renovated in 1979, Hill Hall was named for John H. Hill, President, 1894-98. Hill Hall originally served as a residence hall for women, but the building now houses the College of Business and Social Sciences and faculty offices for faculty members in Business Administration, Economics, English, History, Modern Foreign Languages, Political Science, Psychology and Sociology.

Jones Hall-Named for J. McHenry Jones, President, 1898-1909, Jones Hall was a grade school building for black children before it became a university facility. It now houses printing services and sculpture studios.

Judge Damon J. Keith Scholars Hall-Erected in 2014 and named in honor of distinguished West Virginia State alumnus, the Honorable Judge Damon J. Keith, who serves as a judge on the U.S. Court of Appeals for the Sixth Circuit, the residence hall features suite-style living with two, three and four-bedroom options. Community amenities include a multi-purpose room, a café, study lounge and game room.

Gregory V. Monroe Athletic Complex-Erected in 2015, the Gregory V. Monroe Athletic Complex was named in honor of Gregory V. Monroe, Sr., a graduate of West Virginia State, Class of 1980, and former football player for the Yellow Jackets. Lakin Field at Dickerson Stadium's end-zone facility features meeting rooms, a weight room, training room and a locker room. It provides meeting and training space for all student-athletes and serves as home to Yellow Jacket football.

Sullivan Hall-Erected in 1970, and named for Dr. Leon H. Sullivan, West Virginia State College class of 1943, a

nationally known clergyman, founder of Opportunities Industrialization Centers, civil rights leader and conscience of American industry concerning apartheid in South Africa. Once used as a residence hall, Sullivan Hall currently houses counselling and academic support services, and the University TRiO Programs.

D. Stephen and Diane H. Walker Convocation Center-The D. Stephen and Diane H. Walker Convocation Center officially opened in early 2014 featuring state-of-the-art academic and athletic space and amenities for University students, faculty, and staff, as well as the community. The facility features a statue of alumnus Earl Lloyd, the first African-American to play in the NBA, in the Earl Lloyd Lobby. The Convocation Center is home to a 1,300 seat arena, including the Lester Raines Court, where the men's and women's basketball teams and the volleyball team play, as well as a ticket booth, concession stand, West Virginia State University store, locker and training rooms, classrooms, laboratories and offices. The Convocation Center provides valuable, state-of-the-art classroom space for academia, including two classrooms for the University's Health Sciences, Sports Studies, Recreation and Tourism, and other academic programs, as well as a Computer Lab and a Physiology Lab to support academic programs and research. Offices house faculty members, the men's and women's basketball coaches, volleyball coach and most other members of the athletic staff.

Wallace Hall-Erected in 1971 and named for Dr. William J. L. Wallace, President of the College, 1933-1968. Wallace Hall is home to the College of Professional Studies and houses faculty offices for the Criminal Justice, Education, and Social Work Departments. Wallace Hall also houses faculty offices for the College of Natural Science and Mathematics including Mathematics and Computer Science faculty. While primarily a classroom building, Wallace Hall also houses Career Services, the Center for Online Learning, and the National Center for Human Relations.

James C. Wilson University Union-Erected in 1961 and renovated in 2003, the James C. Wilson University Union was named for James C. Wilson, West Virginia State College class of 1947, who was Associate Professor of Physical Education, 1948-1967. The Wilson University Union includes a student lounge, game room, cyber café, meeting rooms, food court and offices for student activities and student government. It also houses the Gwendolyn C. Goldston Cafeteria that was erected in 1970 and named for Gwendolyn C. Goldston, Professor of Home Economics and Food Services Director, 1939-1970. The Goldston Cafeteria houses the cafeteria, a banquet and faculty dining room.

Other Facilities

Faculty Homes-A number of university-owned homes for faculty and staff are located at the Kanawha River end of the campus. John C. Norman, a licensed architect and Instructor of Building Construction, designed the older homes erected by students in the building construction and related programs.

Lakin Field at Dickerson Stadium-The stadium, erected in 1970, and field for football, track and other field sports, is located near the river. The field is named for James S. Lakin, a West Virginia political leader and member of the State Board of Control from 1909-1933. Mr. Lakin was deeply involved in college financing in the early decades prior to his death in 1934.

Water Tower-Erected in 1897, the Water Tower was part of the water distribution system on campus. While no longer functional as a water tower, it is a college landmark. Lighted at night, it is visible from Interstate 64 and State Route 25. While modes of travel have changed, the following description from the 1941-42 Catalog is true today, “The Tower Tank adorned with a college logo, rises majestically above the campus of West Virginia State. A landmark for travelers by auto and train, by boat and plane, it is a symbol of the mission of the College in leading youth to acquire vision for service.”

ADMISSIONS

General Information

Persons seeking admission to bachelor's degree programs should contact the Admissions Office (Persons seeking readmission should contact the Registration and Records Office located in 127 Ferrell Hall). The Admissions Office will assist prospective students with campus visits, admission policies and procedures, and initial financial aid questions. For more information, please contact Admissions using the following information:

West Virginia State University Admissions
124 Ferrell Hall
PO Box 1000
Institute, WV 25213
admissions@wvstateu.edu
(304) 204-4345
(800) 987-2122

The Admissions Office should receive the admission applications and related documents at least 30 days prior to the start of a semester. Prospective students should initiate the application for admission process at least six months prior to the start of the semester in which the student wishes to begin classes.

Acceptance for admission to the University does not necessarily mean admission to a particular academic program.

The University reserves the right to suspend or expel students who do not reveal previous college records and/or who misrepresent the truth on any admissions document.

First-Time Freshmen General Admission Documents

Students must submit the following documents prior to admission to West Virginia State University:

1. West Virginia State University application for admission form;
2. Official high school transcript or GED certificate, all college transcripts (must be mailed by other institutions directly to the West Virginia State University Admissions Office); and
3. ACT scores. This requirement is waived for applicants who have graduated from high school or completed GED requirements more than five years prior to seeking admission

Eligibility for Regular Admission

Bachelor's degrees applicants must meet certain requirements to be eligible for regular admission to a baccalaureate degree program at West Virginia State University:

Effective August 2008, students must successfully complete the following minimum academic core unit requirements in addition to a 3.00 GPA or a 2.00 GPA and an ACT composite score of 18 prior to admission:

- Four English including courses in grammar, composition, and literature;
- Social Studies including U.S. History;
- Mathematics (three units must be Algebra 1 and higher); and
- Three Science (i.e., Two of the three units must be laboratory science. At least two units from Coordinated and Thematic Science 10, Biology, Chemistry, Physics and other courses with a strong laboratory science orientation).

Strongly Recommended Units

- Two Foreign Language Elective Units;
- Remaining Units—we recommend that the remaining elective units be chosen from the academic core (i.e., English/language arts, mathematics, science, or social studies), or subjects such as computer science, fine arts, humanities, and keyboarding.
- Graduate of an accredited secondary school;
- Holder of General Education Certificates (GED) with a minimum score of 45 on each of the five parts, or an average score of 55. The applicant must submit ACT scores also if taken within five years of the term the student is seeking admission.

Conditional Admission

A student applying as a first-time freshman who does not meet the requirements for regular admission may petition for conditional admission. If a student receives conditional admission, the student will enter the University on academic probation and be subject to the following conditions:

1. Enrollment is limited to four classes (i.e., a 12-14 hour class load).
2. The student must attain a good academic standing by the end of the first semester or we may dismiss the conditionally admitted student from the institution.

Public colleges and universities in West Virginia must limit the number of freshmen awarded conditional admission to no more than 10 percent of the total number of first-time freshmen each fall semester.

Provisional Admission

A student whose documentation is not complete by the time classes begin may appeal for provisional admission based on the documentation provided. If the student receives provisional admission, the student must submit complete official records to the Admissions Office by October 1 for a student entering in Fall Semester and March 1 for a student

entering in Spring Semester. Provisional admission is subject to the following conditions:

1. If the University does not receive the official records within the designated deadline, the student will be administratively withdrawn from the University as of the deadline date. Academic and financial consequences of withdrawal as of that date will be applied.
2. When the records arrive, if they indicate the student does not meet regular admission requirements, the student will be administratively withdrawn from the University as of the deadline date. Academic and financial consequences of withdrawal as of that date will be applied.

A student admitted through the West Virginia Higher Education Policy Commission Series 23 provisional admission standard could have that removed and be admitted in good standing if they do any of the following;

- pass a three hour non-activity college course during the summer prior to admission with a C grade or better;
- retake the ACT/SAT during the summer term under national testing conditions;
- take additional high school courses prior to initial fulltime enrollment; or
- Enroll full-time during a Fall or Spring term and earn a 2.00 GPA in 12 or more hours.

NCAA Division II and Mountain East Conference Bylaws require a student-athlete to be admitted in good standing in order to participate in outside competition.

Eligibility for College-Level Courses

Students admitted who are not eligible for college-level courses in English and/or mathematics will be advised, following admission, of the options by which they can attain eligibility for college-level courses in these areas.

Transfer Students

Transfer applicants must be eligible to return to the last institution attended to be admissible to West Virginia State University.

Prior to admission, the University must receive official transcripts of all previously attempted college-level work. Transfer applicants with fewer than 30 earned semester hours of college credit also must submit an official high school transcript or GED and an ACT or SAT score.

Note: If English 101 and 102 or their equivalents have not been completed in the first 60 credit hours, the student must enroll in English 101/102 the first semester of enrollment at West Virginia State University. Not more than 72 credit hours may be accepted and applied toward graduation from

any combination of community and junior college credit hours.

Transfer students without complete documentation may receive provisional admission. If, upon receipt of all necessary admissions documentation, a student does not meet regular admissions standards, the registration will be canceled or the conditions of probation applied.

Transfer students who do not have a C average may be admitted if they are eligible to return to their former institution, are deficient no more than 17 quality points, and accept the following provisions of a probation agreement:

1. Must make progress toward a C average each semester;
2. Must enroll for no more than 12 hours each semester while on academic probation; and
3. Must achieve a C average by the end of the third semester at West Virginia State University.

In order to receive a degree from West Virginia State University, baccalaureate transfer students must complete 30 hours at West Virginia State University.

Transient Students

Students enrolled at another college or university may take courses at West Virginia State University and have credits for approved classes transferred to their home institutions. Documentation needed for admission of transient students includes:

- Transient approval from the chief academic officer or registrar of the home institution;
- Application for admission to West Virginia State University; and
- List of courses for which approval has been granted.

Note: Students who have been academically suspended from their home institutions are not eligible to enroll at West Virginia State University during their period of suspension.

Early Admission of High School Students

High school students who completed at least 12 units with a B average, and have the written recommendation of the high school principal may enroll for classes during the senior year. Courses passed under early admission classification may be applied to a degree, or transferred to another college when the student graduates from high school.

Admission of Gifted Students

Students (i.e., elementary and/or secondary) identified as gifted by the coordinator of a county gifted program may enroll in courses at West Virginia State University. Such students must have the permission of the coordinator of the gifted program, the principal of the school and their parents.

Courses passed under the gifted admission classification may be applied to a degree or transferred to another college when the student graduates from high school.

Admission of Post-Graduates

Individuals who earned a bachelor's degree may take additional undergraduate courses at West Virginia State University. Post-graduates must submit an application for admission and official transcripts of all college courses taken at other institutions. Post-graduates wishing to receive financial aid must be degree seeking.

Admission of International First-time Freshmen or Transfer Students

1. Application for Admission;
2. Official transcript(s) of all academic records submitted directly to the Admissions Office from all schools previously attended. All foreign documents must be accompanied with an English translation by an approved foreign credential evaluation service. If a national examination is required upon the completion of schooling in the country of origin, official results of the examination must be submitted to West Virginia State University. Students from countries with a General Certificate of Education (GCE) examination system must receive a grade of six or higher in at least five academic subjects, one of which must be English.
3. Standardized Tests
All students for whom English is not their native language must take either the Test of English as a Foreign Language (TOEFL) or the IELTS Exam. On the TOEFL, a minimum of score 500 (paper-based exam), 173 (computer-based), or a 61 (Internet-based) is required. On the IELTS, a minimum score of a 5.5 is required. These students may choose to submit the TOEFL or IELTS exam. Students for whom English is their first language must take and submit the SAT or ACT. A student who is unable to take the ACT examination before arriving to West Virginia State University must do so at the first available testing date or the registration will be voided.
4. Financial Affidavit
As an international student coming to the United States, you will need to secure an F-1 student visa. The F-1 student visa permits an individual to enter the United States for full-time study at an authorized institution in the United States. To obtain F-1 status, it is necessary to submit the following forms:
 - Affidavit of Support with required documentation; and
 - Application for Form I-20.

Note: International students transferring to West Virginia State University from another United States college must apply for immigration approval (Form I-538) and the F-1 Transfer Clearance Form prior to making the transfer.

Procedures for Readmission

All applications for readmission must go through the Registration and Records Office located at 127 Ferrell Hall. The Registration and Records Office then provides copies of the student's transcript. The student's readmission status determines his or her next steps.

For students in good academic standing, readmission is a routine process. The Registration and Records Office will direct the student with a copy of his/her transcript to the appropriate faculty member, department chair, or dean. The University accepts applications for readmission for those in good academic standing at any point prior to the close of the regular registration period.

The appropriate university administrator must first recommend students in good academic standing, but not in good social or financial standing, for readmission. When this is achieved, students should proceed as directed in the above paragraph.

Students not in good academic standing (i.e., students on academic probation, or returning from academic suspension) must make application for readmission at least one month prior to the session for which readmission is sought.

Applications for readmission by students who are not in good standing must be approved by the Academic Affairs Office. Readmitted students who are not in good academic standing may not take more than four courses (i.e., 12-14 semester hours), and must achieve at least a 2.25 average on courses attempted every semester until good standing is achieved.

Failure to achieve these minimal standards may result in academic suspension at the end of the term in which the standards are not met.

Transfer Arrangements

Credits earned at another regionally accredited institution of higher education usually transfer to West Virginia State University. By West Virginia Higher Education Policy Commission policy, at least 64 and no more than 72 credit hours completed at community colleges in West Virginia are transferrable to bachelor's degree programs. Also by West Virginia Higher Education Policy Commission policy, credits taken in general education for an associate degree will count toward the general education requirements at the bachelor's degree institution. An exception may exist if the general education courses are substantially different.

The Core Coursework Transfer Agreement is available on the West Virginia Higher Education Policy Commission's website, and the agreement has specific information about the transferability of general education courses among West Virginia institutions of higher education.

To give students more assurance in advance that credits will not only transfer, but also will meet degree requirements, the University has transfer arrangements with the following institutions:

- BridgeValley Community and Technical College
- Marshall University
- New River Community and Technical College
- Southern West Virginia Community and Technical College
- West Virginia Northern Community and Technical College
- West Virginia University System



FINANCIAL INFORMATION & SCHOLARSHIPS

Financial Information & Services

Payment of Fees

Students should be prepared to pay all tuition and fees through direct payment, financial aid, or other resources to complete registration or pre-registration unless they opt for the 60/40 plan (i.e., 60 percent paid at registration and 40 percent paid before the end of six weeks at 2 percent interest per month), or the Tuition Pay Plan offered through Sallie Mae. Direct payment may be made by cash, certified/cashier's check, money order, or credit card. Please make payments at the Cashier's Office located in 117 Ferrell Hall or at online at mystate.wvstateu.edu.

Certified/cashier's checks or money orders should be made payable to West Virginia State University. All payments sent by mail should include the student's name and student ID number.

A student who has an amount in excess of his/her obligation (i.e., Title IV financial aid, including Pell Grant, SEOG Grant, & Federal Stafford Loans) can expect to receive the difference within 10 working days from the date of disbursement.

Payments for books and supplies are separate from tuition and fees. Each student should be prepared to purchase textbooks and necessary supplies at the beginning of each semester. The average cost of books for a full-time student ranges from under \$100 to more than \$200 per class, depending upon the course of study. The University cannot advance or lend money to students for textbook purchases.

All students are advised that the first payments received by the University will be applied to their accounts. Refunds will be processed only after obligations to the University have been satisfied.

The last payment date for each semester is published in the University Calendar that appears in this catalog. Students registered prior to the payment date risk having their schedules dropped if payment arrangements have not been completed by the payment date.

University Fees

The West Virginia Higher Education Policy Commission approves tuition and fees annually. Students should obtain a current Schedule of Fees sheet from the Cashier's Office located at 117 Ferrell Hall. This document includes the current tuition, mandatory fees, room, board, and any special instructional fees. Books, supplies, and examination expenses are paid separate from university tuition and fees. Students should consult their academic department for an estimate of these costs.

Refunds

The Cashier's Office at West Virginia State University processes and mails refunds. All payments must be reflected on a student's account before a refund can be processed. Refund inquiries should be addressed to the Cashier's Office. The processing may take between 4-6 weeks.

Students who have a credit balance because of financial aid do not need to request a refund. These refunds will be processed automatically.

Students are responsible for notifying the University of a change of address. This may be done directly by the student online at mystate.wvstateu.edu, or at the Registration and Records Office located at 127 Ferrell Hall.

Refund Policy for Students Who Withdraw

A student who officially withdraws from the University (i.e., drops all classes) through the Registration and Records Office, or is administratively withdrawn from the University prior to completing 50 percent of a semester, is entitled to a partial refund of tuition and fees for that semester.

The date of withdrawal is the actual date the student notifies the Registration and Records Office of withdrawal or the midpoint (i.e., 50 percent) of the semester for a student who leaves without notifying the institution.

The institutional refund schedule is as follows:

- A student is entitled to a 100 percent refund of the charges up to the extended add/drop date specified on the academic calendar.
- A student who begins a term and withdraws after completing up to 10 percent of the term is entitled to a refund of 90 percent of the charges.
- A student who withdraws after completing 10 percent through 25 percent of the term is entitled to a refund of 50 percent of the charges.
- A student who withdraws after completing more than 50 percent of the term is not entitled to a refund.
- This refund policy applies to all charges including tuition and fees.

Any student who withdraws at any point during the semester must consult with the Cashier's Office to determine whether there is a balance owed or a refund due.

Note: Once classes begin, there is no refund for a reduced schedule. The refund policy applies only when a student officially withdraws from all classes.

For a student receiving federal financial aid who withdraws before completion of 60 percent of the semester, the amount of federal financial aid earned will be calculated to the day according to the federal financial aid refund guidelines. Unearned financial aid must be returned. When aid is

returned, the student may owe a balance to the University, to the U.S. Department of Education, or to both. Any student receiving federal financial assistance should contact the Student Financial Assistance Office before withdrawing from college or reducing the number of hours enrolled to determine the impact of these actions on his or her financial aid status.

Financial Services

The Cashier's Office is located at 117 Ferrell Hall. The hours of operation are Monday-Friday from 8:30 a.m. to 4:30 p.m. during the fall and spring, and Monday-Friday from 8 a.m. to 3:30 p.m. during the summer.

Delinquent Accounts

The University will not issue a degree, transcript or a grade report to any student who has a delinquent account. A student who has a delinquent account will not be readmitted to the University until all balances due are paid. West Virginia State University reserves the right to turn over delinquent accounts to a collection agency for collection.

Student Financial Assistance

The mission of the Student Financial Assistance Office is to provide financial aid services to qualified students who desire to pursue and complete an education at West Virginia State University. The Financial Aid Staff are committed to accessibility, sensitivity to individual student needs, and effectiveness in enabling students to bridge the gap between family resources and educational expenses. The delivery of services will be characterized by timeliness, accuracy, clarity and will be accomplished through the simplest procedures consistent with fiscal responsibility, governmental and institutional regulations.

Financial Aid

In order to be successful in securing funds to pay for an education, students should complete the Free Application for Federal Student Aid (FAFSA) as soon after January 1 as possible. The Student Financial Assistance Office's official form of communication is electronic mail. To stay informed, students should check their campus email address multiple times per day. Financial Aid primarily comes in four basic types:

- **Grants:** Funds awarded based on financial need that students do not have to pay back.
- **College Employment:** Money students can earn through a job during college.
- **Loans:** Funds that must be paid back at low interest rates, usually after the student finishes college.
- **Scholarships:** Gift aid based on academic performance, or talent in a specific category, with many programs also having need requirements.

The financial aid awarded to you is based on your individual financial need and eligibility, and may include a combination of various types of aid mentioned above. This is your financial aid package, which is intended to provide assistance in paying tuition, fees, books, supplies, room, board, transportation, and personal expenses.

The Student Financial Assistance Office administers aid programs to assist you if you are unable to meet college expenses from your personal resources. The Director of Student Financial Assistance coordinates the various components of the aid programs so that they are utilized to your best advantage. Students who wish to apply for financial aid must complete the Free Application for Federal Student Aid (FAFSA) in accordance with the specific instructions indicated. If financial assistance is needed for more than one year, a student must submit the FAFSA annually.

Federal Direct Loans

There are three types of low interest Federal Direct Loans available:

- Subsidized Direct Loan;
- Unsubsidized Direct Loan; and
- Parent Plus Loan.

A loan is money borrowed that you must repay at a specific time in the future, under the terms specified in the promissory note that a student must sign before receiving the first loan disbursement. Before signing the promissory note, the student should be certain that he or she thoroughly understands all the rights and responsibilities relative the loan.

Federal Direct Parent Plus Loans

The Federal Direct Parent Plus loan program enables parents with good credit history to borrow to pay the educational expenses of each child who is a dependent undergraduate student enrolled at least part-time. Repayment of the principal amount of the loan begins within 60 days after the final loan disbursement.

Graduate students may defer repayment on Grad PLUS loans while they are in school. However, there is no six-month grace period as there is with the Stafford Loan program.

Parents have the option of deferring repayment on Federal Direct Parent Plus loans while the undergraduate student on whose behalf they borrowed the PLUS loan is in school and for a six-month grace period after the student graduates or drops below full-time enrollment. This change is effective for Federal Direct Parent Plus loans first disbursed on or after July 1, 2008.

Private Loans

If a student does not qualify for other financial aid programs and needs additional funds, the student may want to apply for a private loan. Private lenders offer private education loans, also known as alternative education loans, and there are no federal forms to complete. Eligibility for private student loans often depends on the student's credit score.

Private education loans tend to cost more than the education loans offered by the federal government, but are less expensive than credit card debt. The federal education loans offer fixed interest rates that are lower than the variable rates offered by most private student loans. Federal education loans also offer better repayment and forgiveness options. Since federal education loans are less expensive than private loans and offer better terms, students should exhaust their eligibility for federal student loans before resorting to private student loans.

The federal government sets the maximum amount that an undergraduate student can borrow; however, the amount in any year may not exceed educational costs as certified by the Student Financial Assistance Office, less other financial aid received.

Six months after a student terminates education or ceases to enroll part-time, loan repayment begins. Repayment must be completed within 10 years under the standard repayment plan. The Student Financial Assistance Office will provide information concerning other repayment and deferment options.

Employment

Federal College Work-Study Programs (FCWS)

College work-study is another form of federally funded financial aid that provides paid work experience as part of a financial aid package. The FCWS is designed to stimulate and promote part-time employment to help defray college expenses. Participating students must meet government guidelines. Like other aid programs, financial need determines eligibility for FCWS. Students in this program may work on campus up to 20 hours weekly while attending classes full-time. These jobs may be in maintenance and clerical positions as well as laboratory and library assistants. The Student Financial Assistance Office determines the current rate of pay.

Student Employment

Student employment positions are available to students to help meet college costs. To participate in this program, students must enroll in six hours or more per semester. Students cannot work more than 20 hours a week. Students may inquire about employment opportunities with various campus departments.

Off-Campus Employment

A number of part-time jobs are available for West Virginia State University students in the greater Charleston area. The Career Services and Cooperative Education Office located at 216 Wallace Hall assists students seeking off-campus employment opportunities.

Grants

The Federal Pell Grant is a federal program under which awards may be granted to eligible students. Maximum or minimum awards will depend on congressional action and approval annually.

Federal Pell Grants

This program provides annual grants to students. Only undergraduate students are eligible for consideration. You may apply for this grant by using the Free Application for Federal Student Aid (FAFSA). You should receive a student aid report (SAR) within 14 days if you file the FAFSA via the internet. The Pell award is determined, in part, by the costs of attendance and appropriate scale as determined at each institution. Congress determines the maximum amount one can receive each year. Financial need is the major determinant of eligibility for this grant.

Federal Supplemental Educational Opportunity Grant (FSEOG)

This program provides annual grants to undergraduate students with financial need. FSEOG may range from \$200 to \$1,200 annually.

West Virginia Higher Education Grant Program

This program is sponsored by the West Virginia Higher Education Policy Commission and pays up to 70 percent of the cost of tuition and fees at West Virginia State University for those West Virginia residents who qualify. The program requires that you demonstrate both financial need and academic ability.

Several other states have scholarship or grant programs available to students who plan to attend an out-of-state school. If you are a nonresidential student, check with your guidance counselor or state agency.

Other Forms of Financial Aid

GI Bill Educational Training

Veterans who served 180 days on active duty, any part of which occurred after January 1, 1955, but before January 1, 1977, and who (a) were released under conditions other than dishonorable; (b) were discharged for a service-connected disability; or (c) continue on active duty, are eligible under the Veterans Readjustment Act of 1966, as amended. Also eligible are those individuals who contracted with the Armed Forces and were enlisted in or assigned to a reserve unit before January 1, 1977, and who as a result of this enlistment or assignment, served on active duty for more than 180 days, any part of which began within 12 months

after January 1, 1977, and who were discharged from active duty under conditions other than dishonorable.

Contributory Educational Assistance Program

Veterans who served, and persons currently serving, who (a) first entered active duty after December 31, 1976, and (b) were released under conditions other than dishonorable or continue on active duty, but have completed their first obligated period of service (or six years of active duty, whichever comes first), and (c) have satisfactorily contributed to the program are eligible for assistance. (Satisfactory contributions consist of the monthly deduction of \$50 to \$75 from military pay, up to a maximum of \$2,700, for deposit in the special training fund.) The contributory plan permits the service person to voluntarily participate in a plan for future education or training in which the participant's savings are administered and augmented by the government. At the time, the eligible participant elects to use the benefits to pursue an approved course of education or training, the U.S. Department of Veteran Affairs (VA) will match the contribution at the rate of \$2 for every \$1 made by the participant.

Vocational Rehabilitation

If you are physically challenged, you may be eligible for vocational rehabilitation benefits. Please contact a local vocational rehabilitation office for information and an application.

Private Agencies

Many private agencies sponsor scholarships and loan programs. Information is available through high school guidance offices, the respective agencies involved, or by contacting the West Virginia State University Student Financial Assistance Office for additional information.

How Need is Determined

The University awards financial aid to an eligible student once the process of completing and submitting the necessary application forms has been concluded. For most programs, determining eligibility also means determining who has financial need.

A uniform, national needs analysis system is used by West Virginia State University to determine eligibility and probable amount of need, based on information which the student (and parents or spouse, if applicable) provide on the Free Application for Federal Student Aid (FAFSA). The family's financial strength (i.e., income, number of dependents, etc.) is considered when determining the potential family contribution.

Students should not rely on unofficial comments that certain income levels automatically exclude a person from all aid consideration. While grant programs have the most stringent need requirements, loan programs may be available to students at higher income levels. Some of these loans may

be used to replace the expected family contribution for many students without altering their need factor for other programs.

Rights and Responsibilities of Aid Recipients

Rights and Obligations

As a consumer of a commodity (financial aid for higher education), you have certain rights to which you are entitled, and certain obligations for which you are responsible. You have the right to know:

1. What financial assistance is available, including information on federal, state and institutional financial aid programs?
2. The deadlines for submitting applications for the financial aid programs available at the University.
3. The cost of attending the University, and the refund policy of the institution.
4. The criteria used by the University to select financial aid recipients.
5. How the University determines your financial need.
6. What resources (e.g., parental contribution, other financial aid, your assets, etc.) does the University consider when calculating your needs?
7. How much of your financial need, as determined by the University, has been met.
8. The policy governing inclusion or exclusion of programs comprising your financial aid package. If you believe you have been treated unfairly, you may request reconsideration of the award that was made to you.
9. What portion of the financial aid you received is loan aid and what portion is grant aid. If the aid is a loan, you have the right to know what the interest rate is; the total amount that must be repaid; the repayment procedures; the length of time you have to repay the loan; and when repayment is to begin.
10. How the University determines whether you are making satisfactory progress and what happens if you are not making progress based upon the academic progress requirements in this catalog.

Consumer Responsibilities of Aid Recipients

It is your responsibility to:

1. Review and consider all information about the University before you enroll.
2. Complete all application forms accurately and submit them on time to the right place.
3. Pay special attention to and accurately complete your application for student financial aid. Errors can result in long delays in your receiving financial aid. Intentional misreporting of information on application forms for federal financial aid is a violation of law and is considered a criminal offense, subject to penalties under the U.S. Criminal Code.

Financial Information & Scholarships

- Return all additional documentation, verification, corrections and/or new information requested by the Student Financial Assistance Office.
- Read all forms that you are asked to sign and keep copies of them.
- Accept responsibility for all agreements you sign.
- Notify the Student Financial Assistance Office of changes in your name, address, or enrollment status. (This also applies to loan recipients after they leave the University.)
- Perform the work that is agreed upon in accepting a University Work-Study award.
- Know and comply with the deadlines for application or reapplication for aid.
- Know and comply with the refund procedures of the University.
- Notify the Student Financial Assistance Office in advance when your course load at the University may be less than full time. Failure to do so will cause a delay in the receipt of your funds.
- Notify the Student Financial Assistance Office of any changes in financial status. Failure to do so can result in the termination of financial assistance.
- Students must exhibit satisfactory academic progress while enrolled. Withdrawal from the University or never attending classes will result in termination of financial aid and may result in partial or full repayment of aid disbursed for the semester involved.

Satisfactory Academic Progress Requirements

A student's satisfactory academic progress (i.e., SAP) towards a determined educational goal is the basis for continued receipt of financial aid funds. West Virginia State University has adopted the following standards by which it monitors financial aid recipients' academic progress. These standards ensure the proper distribution of financial assistance to eligible students. Students who demonstrate a financial need and are enrolled and making continuous progress in a program leading to a degree are eligible for Title IV, state and institutional financial aid.

GPA Component

Students who have earned 0 – 59 credit hours are required to have at least a 1.75 GPA at the end of each semester of enrollment. Students who have earned 60-plus credit hours are required to have at least a 2.0 GPA at the end of each semester of enrollment.

Graduate Degree Students

Graduate students must maintain a minimum cumulative grade point average of 3.0 by the end of each payment

Pace of Completion Component

To monitor student progress pace toward completion with the maximum time frame allowed, each student is required to complete 67 percent of attempted credit hours each semester. At the end of each semester, a student's

pace/completion rate will be measured by comparing the number of attempted credit hours with the credit hours earned. This includes any course for which the student has remained enrolled past the Add/Drop period.

Maximum Timeframe 150 Percent Rule

In addition to the GPA Component and Pace of Completion Component, the University is also required to establish the maximum number of terms a student may receive aid based upon the advertised length of any individual program. Students may not exceed 150 percent of the published length of his or her program. All credits earned, regardless of where those credits were earned, are to be taken into consideration when reviewing this component. Undergraduates who earned their first bachelor degree within the maximum time frame and decide to work on a second bachelor will be granted an additional 75 credit hours of financial aid towards the second bachelor. Graduate students may have program length reset if he or she seeks a subsequent graduate degree. Please note that when counting credit hours toward the 150 percent length of program, credit hours are counted regardless of aid status/receipt for that semester.

Transfer Students

The number of transfer hours accepted at the point of admission will be used to calculate the students remaining eligibility under the 150 percent calculation and will be included in the number attempted/number completed. Transfer students will also be reviewed for GPA and Pace of Completion under the SAP Policy.

Graduate Students

Graduate students must maintain a cumulative GPA of 3.0 or greater to meet SAP. Total credit hours of aid will be monitored in the same manner as is done for undergraduate students.

Second Bachelor's Degree

Students who are pursuing a second degree may be considered for financial aid. A second undergraduate degree must be obtained within 75 enrolled credit hours. The enrolled hours limit for a second degree is measured from the point at which the student earned the initial degree.

Financial Aid Warning

Students who fail to make SAP at the end of a payment period will be placed on Financial Aid Warning (FAW) at the end of a payment period unless they are currently under an appeal prior to the revision of this policy. Students placed on Financial Aid Warning will be able to receive financial aid for one semester subsequent to the semester they were given the status of FAW. If the student did not make SAP during the Warning semester, student will be placed on Financial Aid Probation.

Financial Aid Probation

Students who were previously placed on Financial Aid Warning, and did not meet the standards of academic

progress, are not eligible to receive financial aid; however, they may file an appeal.

Students on Appeals (prior to the revision of this policy) who did not meet the standards of academic progress are not eligible to receive financial aid.

Termination of Aid

Students who are placed on probation and do not file an appeal or if the appeal is not approved, or on an appeal prior to the revision of this policy, and did not meet the standards of academic progress, will have their aid eligibility terminated. Financial Aid will not disburse aid to any student who fails to comply with any special arrangements made as the result of an appeal or academic advisor intervention.

Financial Aid Appeal

Students placed on probation may appeal this status by completing the Financial Aid Probation Appeal Form and appropriate documentation. Students who file an appeal must demonstrate an unusual circumstance and provide supporting documentation, and provide an academic evaluation approved by their academic advisor. Incomplete appeal forms will be returned to the student.

Appeal Review

The SAP Committee will review the appeal for reinstatement of aid. The committee will review the individual situation, assessing the current and previous academic performance as well as any documentation submitted to determine whether there is significant justification to warrant an exception to the existing SAP Policy for the student's individual circumstance. Not all circumstances will warrant an exception to the SAP policy. The Director of Student Financial Assistance will be the final point of appeal.

Appeal Approval

If the appeal is approved, the student will be sent a letter indicating the approval status with conditions and must meet SAP by the end of each term to retain eligibility. The student will remain on Financial Aid Probation with Academic Plan and eligible to receive financial aid as long as they are making SAP and following the conditions outlined in the notification. If the conditions of the Appeal at the end of the term(s) are not met, the student's financial aid will be terminated until they regain eligibility. See Regaining Eligibility.

Appeal Denied

If the appeal is not approved, the student will not receive financial aid until they meet the requirements to regain eligibility. The student will remain on Financial Aid Probation without financial aid.

Regaining Eligibility

An undergraduate student must do the following to regain eligibility: a) Complete one full-time semester (12 credit hours) or its equivalent at WVSU without financial aid or complete the same credit hour requirement at another institution; b) Achieve the appropriate GPA for the amount of credit hours attempted; (c) Complete 100 percent of attempted credit hours for the semester/term. A student may be reinstated if he/she complies with the conditions for readmission to the University with the intervention of an academic advisor. The credit hours need not be taken in consecutive semesters. With the approval of an academic advisor, the credits may be taken at another post-secondary institution. Graduate students must meet with their academic advisor to devise a plan for degree completion within federally prescribed timelines that will meet all other program requirements. A copy of this plan must be presented to the OFA or Appeals Committee. This is the only manner in which a graduate student may obtain reinstatement.

Impact of Grades on SAP Eligibility

A, B, C and D grades are acceptable in determining a completion rate. An F grade is considered a completed class for purposes of determining a completion rate of 67 percent or more, and is calculated as a 0.00 in the cumulative grade point average calculation and 0 credits earned. Grades of I or W are used when calculating completion rate as hours attempted.

Impact of Full Withdrawal on SAP Eligibility

Any student who withdraws from all classes prior to the 60 percent enrollment period will have his or her aid for the enrollment period calculated under Return to Title IV (R2T4) regulations. Any student who fails to achieve a 67 percent completion rate due to withdrawal from a class(es) will be placed on Warning, Probation or Aid Terminated depending on their current SAP status.

Impact of Repeated or Not for Credit Classes on SAP Eligibility

Repeats due to Non-Passing Grade – a student may repeat, without penalty (may receive financial aid), coursework in which he or she previously received a failing grade. There is no limit on repeated coursework taken to remedy a failing grade. Repeats taken to Improve a Passing Grade – a student may receive financial aid for repeat coursework in which he or she previously received a grade of W or a passing grade a maximum of two times. In other words, a student may attempt a course a total of two times before losing eligibility for aid for that specific course. Repeated Coursework and Completion Rate – repeated classes will not result in additional credit hours which will not improve the student's completion rate.

Impact of all Failing Grades on SAP Eligibility

While this particular review is actually a function of

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R2T4 regulation, further detail about this procedure is written in the policy and procedure manual. Reports are run after grades are posted for each term to locate any student who achieved all failing courses for that specific enrollment period. Students are placed in a “termination of aid” category until the attendance for that enrollment period is established. Any student documenting full attendance and “earned” failing grades will be subject to normal SAP review as outlined above and will be placed back into aid eligibility until the annual review occurs. Students who document unofficial withdrawal during the period of enrollment will be subject to the R2T4 calculation based upon last date of documented attendance.

Notification

Each student on the SAP Report will receive email notification of his/her SAP status after final grades are posted after each term. Students who are notified of termination of eligibility will also receive a paper letter notification.

Receiving the Money

If you are awarded assistance, funds representing grants, scholarships and loans will usually be available at or soon after the start of each semester.

Work-study checks are disbursed by the Payroll Office, on a monthly basis, usually on the 16th of the following month. Awards are made to you in writing by the Student Financial Assistance Office. The award notification from the Student Financial Assistance Office specifies the program(s) and the amount of the award as well as the periods during which you will receive assistance.

Repaying a Loan

In general, the details of repayment are included in the loan description. Most repayment schedules begin six months after the borrower ceases to be at least a part-time student. The terms of the loan will be explained to you when you sign the promise (i.e., promissory note) to repay. In addition, before leaving school, for whatever reason, an exit interview will be required. Contact the Student Financial Assistance Office for details.

If you have additional questions or need help with the application process, contact the Student Financial Assistance Office located at 125 Ferrell Hall.

Refund & Repayment Policies

Refund Policy

The refund policy for students withdrawing from all classes is outlined in the West Virginia State University Catalog. The amount of the refund is prorated based on the date of withdrawal through 60 percent of the semester. A refund date specifying the final date for a prorated refund is posted on the academic calendar for each semester. There is no refund for a total withdrawal after the posted date.

If a student receives financial aid, the student will not receive a refund until funds representing financial aid awards have been returned to the respective program accounts. Normally the refunds will be returned to programs on a prorated basis and according to the components of a financial aid package.

Financial aid is considered to be used first for direct educational costs-tuition and fees, and room and board if a student is living in University housing. Therefore, if a student withdraws and is scheduled to receive a refund of tuition and fees, all or part of this refund will be used to reimburse the financial aid program(s) from which you received funds.

If a student received financial aid in excess of direct costs, a percentage of this aid may be required to be repaid, the amount depending upon how many days you were enrolled and the amount of aid received.

Repayment Policy

Some programs have specific repayment provisions for students who withdraw. If the refund is insufficient to cover the required repayment, you must make the necessary payment.

If you owe a repayment to any federally sponsored student aid program, you cannot receive any type of federally sponsored student aid disbursement for future enrollment periods unless you make repayment arrangements with the Cashier's Office.

Application Procedures

Applying

In seeking financial assistance, the student is responsible for certain steps. Completion of each part of the procedure on a timely basis will assure maximum consideration.

Entering Freshmen

The application for financial assistance is part of the freshman admission application. Complete the admissions application as soon as you are eligible to apply in your senior year of high school. Detailed instructions are included on the form. There are three basic requirements:

- Apply for admission and complete the financial aid application section;
- Take the ACT program examination and request a copy of the report be sent to West Virginia State University (code number 4538); and
- Apply for Federal Aid by completing the Free Application for Federal Student Aid (FAFSA) at www.fafsa.gov.

Enrolled Students and Prospective Transfer Applicants

Aid applications are available online early January for the following academic year. The school code for West Virginia

State University students applying for financial aid is **003826**.

There are two basic requirements:

- Complete a Free Application for Federal Student Aid (FAFSA) if you are applying for aid; and
- Submit all required paperwork by the published deadline dates.

Deadline and Priority Dates

It is recommended that your inquiry concerning possible assistance be initiated about 12 months before the date you will want to receive aid. This will be well in advance of many deadlines. It is better to be too early than too late in order to receive maximum consideration.

The West Virginia State University Student Financial Assistance Office follows the following deadline dates:

For Fall Awards

Entering Freshman Scholarships	
Entering Freshman Need-Based Aid	June 30
Enrolled Students, All Programs	June 30

For Summer Awards

All Students	April 30
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For Spring Awards

All Students	Nov. 30
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Meeting the deadline dates means the Student Financial Assistance Office received all of the required forms. Because of the number of people applying for financial aid and the average processing time required to complete each application, the University cannot guarantee the completion of any application submitted after June 15 by the fall semester start date and November 15 by the spring semester start date. Students failing to meet the above deadlines should be prepared to cover all University expenses from their own resources until their application is complete and the financial aid awarded.

Applications will be accepted at any time throughout the year. All applications received by the deadlines will receive written notification of action taken via electronic mail only in the event an award can be made.

Student Employment Procedures

For Student Employment

Student employment positions are available to students to help meet college costs. To participate in this program, students must enroll six hours or more per semester. Students cannot work more than 20 hours in any week. Students may inquire about employment opportunities with various campus departments.

For College Work-Study Students (CW-S)

Federal College Work-Study (CW-S) is a campus-based program that provides student employment for undergraduate students. Interested students must demonstrate eligibility for financial assistance. The Student Financial Assistance Office located at 125 Ferrell Hall can provide additional information about this program.

Each student who receives CW-S must report to the Career Services and Cooperative Education Office located at 216 Wallace Hall. Each student must complete required forms such as the W-4 and I-9 before beginning a work assignment. The Career Services and Cooperative Education Office makes all work assignments.

Employers are required to interview each referred student. If the student is offered employment, the employer should complete Part I of the Introduction Sheet as well as the other attached forms. The student should then be instructed to hand-carry completed forms back to the Student Financial Assistance Office. If the student is not offered employment, the interviewer should complete only part II of the introduction sheet. The student should then be instructed to return to the Student Financial Assistance Office with his/her forms to secure another referral.

Student Employment Suspension & Appeal Process

Immediate Suspension or Dismissal

A student employee may not be immediately suspended or dismissed without proper justification for such action. A university employer may initiate such action in the event of the following occurrences:

- Reporting for work while under the influence of drugs and/or alcohol or partaking of drugs and/or alcohol while on duty.
- Theft or dishonesty.
- Flagrant violation of reasonable standards of conduct.
- Willful destruction, defacement, or mishandling of University property or that of its employees, students, or visitors.

Suspension or Dismissal Due To Absences from Work

The student employee and his/her supervisor should attempt to develop a mutually agreeable work schedule at the beginning of each semester. The employer must consider class schedules and meal times if the student is on a boarding plan in setting the work hours. Consideration of any other factors is at the discretion of the employer. Student employees unable to report for their scheduled work hours are responsible for requesting permission to be absent from their supervisor in advance of the absence. An employer has the right to deny the request after considering all factors.

A student employee must receive written notification of the employer's absence policy upon initiation of employment. Student employees may be suspended or dismissed for

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failure to adhere to the departmental policy in this regard. Such action can only take place after the employer warns the student in writing with a copy to the Student Financial Assistance Office of his/her deviation from the absence policy of the respective department.

Should a student employee be terminated for this reason, the Student Financial Assistance Office must be notified in writing of the implemented action. The written notification must include a copy of the department policy in this regard, and either the specific dates the student is suspended or the date the student's dismissal.

Unsatisfactory Work Performance or Conduct

Student employees must conduct themselves in the same manner as all employees of the University. Unsatisfactory performance or conduct that interferes with the successful operation of a department may result in the suspension or dismissal of a student employee.

The student employee and his/her employer must first attempt to resolve differences prior to any formal disciplinary action. If differences cannot be satisfactorily resolved, the student employee must be given one two-week probationary period prior to the employer's initiation of any formal disciplinary action. The probationary period may not begin until the student employee receives written notification with a copy to the Student Financial Assistance Office of the supervisor's concerns. The student employee must receive notification of the expectations of the employer during the probationary period.

The student employee's work performance must be evaluated after the two-week probationary period. This evaluation must be in writing with a copy to the Student Financial Assistance Office. If work performance has not satisfactorily improved during the period, the student employee should at this point be notified of the employer's intent to terminate employment. If student work performance improves during the probationary period but later returns to an unsatisfactory condition, the employer may proceed with suspension or termination action depending on the actions of the student employee.

Appeal Process

The student employee shall have the right to appeal any action of suspension or dismissal. The appeal process must begin within two working days of the suspension or dismissal action. The appeal process is as follows:

1. The student employee should discuss the concerns with his/her supervisor within two working days from the date of formal disciplinary action.
2. If the appeal cannot be resolved at this level, the student employee should notify the Student Financial Assistance Office in writing of his/her desire to appeal the implemented disciplinary action. Such written notification must be provided within three working days

following the completion of step one of this process. A staff member of the Student Financial Assistance Office will then attempt to resolve the matter to the satisfaction of both concerned parties.

3. If there is no resolution at this level, a committee of five individuals will evaluate the position of each party. The committee will be comprised of the Chief Justice of the Student Court or his/her designee, the Affirmative Action Officer, the Ombudsman, and two appointed staff/ faculty members. A Financial Assistance Counselor will chair the committee meeting, but not have voting rights on this committee. The committee will conduct a hearing at an agreeable time for both parties involved in the matter. The committee will make its recommendation as to the appropriate resolution of the matter to the Director of Student Financial Assistance Office. Students may appeal the final decision of the Director of the Student Financial Assistance Office to the Vice President for Enrollment Management and Student Affairs.

Scholarships

There is a variety of scholarship funds available to students. Scholarship awards are based on high academic performance in high school and/or college, financial need, or a combination of need and academic performance. Each scholarship is awarded based on the specific criteria established. All applicants, who minimally meet the requirements for that scholarship, will be considered for the award: all relevant factors are taken into consideration and awards do not automatically go to the applicants with the highest cumulative GPA. Please visit the Enrollment Management and Student Affairs Office at 130 Ferrell Hall to obtain information about available scholarships

ACADEMIC PROCEDURES

Attendance

Punctual, regular attendance in all classes is required. Should an absence occur it is the student's responsibility to contact the professor. Individual faculty members may have additional specific policies regarding class attendance, missed assignments and missed examinations. These specific policies will be presented to students with the syllabus at the beginning of the semester and will be on file in department offices. Poor attendance may adversely impact grades.

University Approved Activities

Students representing the University in approved activities may be excused from classes. Prior approval for these activities must be obtained through the Academic Affairs Office or Enrollment Management and Student Affairs Office or their respective designee. Students are responsible for notifying their instructors in advance and arranging to complete all work or assignments they may miss while representing the University.

NCAA Regulations Regarding Missed Class Time

Student-athletes are permitted to miss class to participate in home or away athletic contests during the championship segment of their sport. No class time shall be missed for practice activities except when a team is traveling to an away-from-home contest and the practice is in conjunction with the contest.

Student-athletes from the team representing the University at a conference or NCAA Championship shall be permitted to miss class time to attend practice activities in conjunction with the event. This applies when teams compete in Mountain East Conference (MEC) and National Collegiate Athletic Association (NCAA) Championship events.

In team sports, no class time shall be missed for competition including activities associated with such competition (e.g., travel and other pregame or postgame activities) conducted during the non-championship segment.

Classification

Classes are designated as freshman, sophomore, junior and senior classes. A student is considered a member of these classes when he/she has completed the following credit hours:

Freshman	0-29
Sophomore	30-59
Junior	60-89
Senior	90 and above

Course Numbering System

Courses are numbered to correspond approximately to the freshman, sophomore, junior and senior years as follows:

Freshmen Courses	100-199
Sophomore Courses	200-299
Junior Courses	300-399
Senior Courses	400-499
Graduate Courses	500-699

Unless otherwise stated, students of any rank who have had the necessary prerequisites are eligible for admission to the courses of any group. Except for applied music, courses numbered below 100 are developmental in nature and usually do not count toward a degree. Continuation courses (i.e., FREN 101-102, ENG 101-102, etc.) should be taken in consecutive semesters or summer session.

Credit

Credit is recorded in semester hours. A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

- (1) One hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately 15 weeks for one semester hour of credit, or the equivalent amount of work over a different amount of time; or
- (2) At least an equivalent amount of work as required in section (1) of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work and other academic work leading to the award of credit hours. For instance, under some circumstances credit may be earned in ways other than attending classes as outlined below:

Credit for Military Service: Students presenting evidence of at least one year of active duty or completion of basic military training in any branch of the armed forces of the United States will be awarded four hours of elective credit in health and physical education. The General Education requirement of two hours of Lifetime Health and Fitness will be waived. Service members may request copies of their Joint Services Transcripts (JST) by visiting jst.doded.mil.

Credit for Co-Curricular Activities: Certain co-curricular activities, such as choir, band and glee club, carry a course number. Only four such credit hours may be earned in any one subject.

Credits Taken Elsewhere: Regular students in good academic standing may, with prior approval of the department chair of the major and the college dean, take courses as transient students at other accredited institutions to apply to degree requirements. The Registrar must confirm that the student is in good academic standing. A maximum of 15 such hours may be accepted in fulfillment of degree

requirements. Credits taken without prior permission will not be accepted.

Credit by Special Examination: Credit may be earned by special examinations in one of two ways. Either the student registers for a test-out section during registration or the student completes test-out permission forms when registering for the course. A grade of P will be awarded for earning a grade of C or better on the tests. P credits do not count toward residency requirements. If the student does not earn a grade of C or better, the student may: (a) immediately and officially withdraw from the course with a grade of W; (b) remain in the course if it is not a test-out section; or (c) withdraw from the test-out section and register for the appropriate section prior to the deadline for adding a class.

Credit by College Level Examination Program (CLEP): Credit by examination will be granted to students who present acceptable scores on general and/or subject examinations of the College Level Examination Program (CLEP). An acceptable score is equal to or above that which is recommended by the model policy of the College Board Council on College Level Examinations. In all cases, the score recommended at the time the examinations are taken will be used. Credit earned will be indicated by a grade of K on the transcript. Applications for CLEP tests are available from the Career Services and Cooperative Education Office. K credits do not count toward residency requirements.

Credit by Advanced Placement: Credit is granted to outstanding high school students who make appropriate scores on Advanced Placement Examinations of the College Board. Appropriate scores refer to the national criteria recommended for college credit by the College Entrance Examination Board. AP credits must come directly from the testing board and will not be applied from the high school.

Credit for Validated Programs of External Agencies: Credit will be awarded for certain educational programs conducted by business, industry, government, organized professions and other legitimate agencies. Awarding of such credit must meet standards determined by the faculty and administration of the University.

Credit by Correspondence Courses: Up to 15 credit hours completed by correspondence in courses other than laboratory, studio, or field experience will be accepted by the University when such work is given by regionally accredited colleges or universities, provided, however, that those institutions accept that work for credit toward their own degrees and that their residence credit is accepted by West Virginia State University. Currently, enrolled students who wish to take credit by correspondence courses must receive prior approval from the department chair and college dean by applying for transient student status. The University will accept credit by correspondence courses only if the grades, credit and course designation are forwarded to the

Registration and Records Office at West Virginia State University by the registrar of the other institution.

Credit for Experiential Learning through Portfolio Review: Academic credit may be granted through portfolio review for work or life experiences that are equivalent to coursework that meets the requirements for the degree program in which a student is enrolled. Credit earned in this manner cannot exceed 12 hours and does not count toward residency requirements. Request for portfolio review may be made only after successful completion of 12 credit hours of college-level work at West Virginia State University. A list of courses that can be challenged through portfolio review is on file in the Academic Affairs Office. Students interested in receiving credit in this manner should complete a preliminary application form and submit it to the chair of the department in which the course is offered. If the initial request is approved, students submit a portfolio, prepared in accordance with the portfolio preparation and guidelines to the appropriate department chair. A per credit hour fee is charged for the evaluation of each portfolio submitted. If the portfolio is approved for credit, students receive a special grade that denotes equivalency credit on their transcripts.

Registration Procedures

General Regulations: No student may register for the first time without having received a letter of acceptance from the Director of Admissions. Continuing and readmitted students may register online for the following semester during assigned periods using a PIN number obtained from their academic advisors. Two weeks of assigned registration times begins early in November for spring semester and early in April for the summer session and fall semester. Continuing and readmitted students are urged to meet with their advisors and register during their assigned times to be assured of the best selection of courses. Open registration begins each semester following the two weeks of assigned times. First-time college students and transfer students enrolling for the fall semester may register through the Summer New and Transfer Student Orientation Program. Two days of in person registration on campus are also scheduled just before the start of classes each semester for new and transfer students who did not register through the summer program. Transient students may register in person from the beginning of open registration each semester upon presentation of an appropriate transient form from the home institution. Registration after classes begin is subject to a late registration fee of \$33. No credit is given for a course in which a student is not duly registered.

Exceptions to registration requirements including academic load, schedule changes and withdrawals may be made only with the approval of the dean of the college of the student's major.

Academic Load: A full-time student may enroll for 12 to 19 credit hours per semester. With permission of the dean of the

Academic Procedures

college of their major, students may take up to 21 hours if they have a cumulative GPA of 3.25 or make the dean's list two successive semesters. Students on academic probation are limited to a maximum of four courses (i.e., 12-14 hours) per semester.

During summer session, a full-time student may enroll for 9-10 credit hours. Students on academic probation are limited to a maximum of two courses (i.e., 6-8 hours) during summer session.

During the summer session, the normal load permitted is one class during a three-week session and two classes during a six-week session. Students on academic probation may carry only one class at a time during summer session. Six hours is considered full-time for a summer session.

Schedule Changes and Withdrawals: Students may change their schedules (e.g., add courses, drop courses, change sections of courses) within a specified period each term. Changes made through the second day of the second week of classes each semester are ordinarily made online at mystate.wvstateu.edu although students can make such changes in person by submitting the appropriate form to the Registration and Records Office.

Schedule changes cannot be made electronically after the extended add/drop period. When withdrawing from class or withdrawing from the university after the extended add/drop period, a student is responsible for securing the proper form at the Registration and Records Office and filing the completed form. Filing this completed form with the Registration and Records Office is the only official procedure for changing a student schedule after the extended add/drop period.

W is a grade given when a student has properly withdrawn between the seventh day of classes and the end of the 10th week of the semester.

Pass-Fail Option: Students may choose to take one elective course per semester on a pass-fail basis. A maximum of four such courses may be credited toward graduation. Once a student has started a course under the pass-fail option, he/she may not request a letter grade. Pass-fail option forms must be filed with the Registration and Records Office at the time of registration. To receive a grade of P, the student must have earned a grade of D or above in the course. Courses taken on a pass-fail basis will not satisfy requirements for major or cognate courses except for courses that are offered only on a pass-fail basis.

Courses by Special Arrangement: Students of superior scholarship may enroll in certain courses without the formality of class attendance. Such registration is subject to the following policy guidelines:

1. The student must have senior standing or have completed 90 credit hours.
2. The student must have a 3.0 quality grade point average in all courses taken.
3. The student must read the regular assignments, take all examinations, write all papers, meet with the instructor on a regular basis and meet other requirements normally expected of students in the course.
4. The student must register for the course by arrangement. Record of such arrangements should be kept in the office of the department chair.
5. The course must be one required for the student's degree. Electives cannot be taken by arrangement.
6. There should be no opportunity to enroll normally in the course before graduation.
7. No more than one course can be taken by arrangement in one semester, and no more than two should be taken by arrangement in the senior year.
8. The instructor must be willing to offer the course by arrangement and must be one who has taught, or is scheduled to teach, the course.

At the time of registration, a special form must be completed and signed by the instructor, the department chair and the college dean. One copy of the form must be submitted to the Registration and Records Office.

Auditing Courses: The purpose of auditing a course is to gain knowledge in a particular area of interest without receiving a grade for the course. Persons wishing to audit classes may do so under the following conditions:

- An audited course carries no credit. It will be recorded on the transcript with an AUD.
- In laboratory courses or courses with significant hands on components, priority for registration will be given to students to be enrolled for credit.
- Courses in the student's major or minor areas may not be audited.
- If the auditor is a part-time student, full fees must be paid for the audited course.
- If the auditor is a full-time student, no additional fees will be charged for the audited hours; however, after the first 12 hours of regular credited courses, the audited hours will be counted as part of the student's maximum permissible semester course load.
- Audited courses do not count toward graduation.
- Students choosing to audit courses may change to a graded enrollment status, or from a graded enrollment status to audit status, only during the registration and drop/add periods.
- The auditor has all the privileges of a student taking a course for credit. He/she may do regularly assigned readings, participate in discussions and submit papers. The instructor may allow the auditor to take examinations; however, no grades will be submitted to the Registrar.

- After auditing a course, if a student finds the course is needed for graduation he/she may request permission of the college dean to enroll in or test out of the course.
- After having audited a course, a student may not test out of or enroll in any lower-level course covering similar subject matter.

Retroactive Adjustments to Class Registrations

Once a semester or summer session has been completed, and final grades have been entered into the University database, a student’s registration record for that term, and billing based on that registration record, are considered complete and final. Registration records are available to students through MyState or by contacting the Registration and Records Office located at 127 Ferrell Hall. Students must monitor their MyState accounts and be responsible for knowing the status of their information in the University database. Therefore, once a term is complete, students

- will not be able to drop a class or withdraw from all classes for that term;
- will not be able to have registration reinstated if canceled for non-payment; and,
- will continue to be expected to pay for all classes for which they were officially registered, regardless of attendance.

Students are advised to monitor their official registration information as posted on MyState on a regular basis. Students are encouraged to review this information after they register for classes, at the time of financial aid disbursement, and following the posting of final grades. Questions regarding registration status may be directed to the Registration and Records Office in 127 Ferrell Hall at any time, but should be raised no later than 30 days following the last day of classes for the term in question.

Grades & Grading Systems

Using the guidelines and policies contained in this section of the catalog, the professor for each course establishes how grades will be calculated. The syllabus for each course will explain the method of arriving at the grade for that course. Students should anticipate variations in method as they take classes from different faculty members.

Grading System: The West Virginia Higher Education Policy Commission has approved and adopted the following uniform grading system for all state colleges and for certification purposes for all teacher preparation institutions:

A	Superior	AUD	Audit
B	Good	I	Incomplete
C	Average	Q	No grade Submitted
D	Below Average	W	Withdrawal
F	Failure	K or P	Credit by CLEP or other approved examination
P	Pass		

Grades Issued for Developmental Courses: Enrollment in college-level courses in English and mathematics requires demonstration of a certain minimum level of proficiency as indicated by scores on ACT or SAT examinations, or scores on one of several placement instruments approved by the West Virginia Higher Education Policy Commission, or by a minimum grade of C in a developmental course taken at an institution which offers these courses. The University records grades in developmental courses on the student’s transcript in order to create an official record of the student’s eligibility for college-level English and mathematics courses at West Virginia State University.

Institutions, including West Virginia State University, which offer developmental courses in English and mathematics commonly designate these courses by course numbers beginning with 0 (e.g., MATH 020; ENGL 020, ENGL 099). Developmental grades are now among those identified with an E which means excluded on the transcript. As the E indicates, developmental grades and credit hours are not included in determining official semester or cumulative grade point averages and credit hours earned in developmental courses are not included as degree credit.

Guidelines for Request of Grade of Incomplete: A grade of Incomplete (I) extends the deadline for completion of coursework for a specified time beyond the end of the semester when circumstances such as serious illness or other circumstances beyond the normal control of the student prevent the completion of all course requirements. A request for an Incomplete must be initiated by the student to the instructor. If the instructor determines that a grade of Incomplete is appropriate, an Incomplete Grade Request Form should be filled out by the instructor. This form must be approved by the dean of the college in which the course resides. The completed form must indicate the reason for the Incomplete, the amount of work already completed and the grade earned to date, the work to be finished, the deadline for completion and the grade that will automatically be entered if the work is not completed by the specified date. The deadline for completion of coursework is set by the instructor and cannot extend beyond the end of the following semester. The student is expected to complete the coursework with a minimum of further assistance from the instructor. A grade of Incomplete cannot be made up by retaking a course.

A grade of Incomplete is not automatically granted. Approval will be based on significant work having been completed at a passing level and valid reasons for inability to complete coursework by the end of the semester. Since students may withdraw without a grade penalty through the 10th week of the semester, a grade of Incomplete is ordinarily appropriate only for circumstances arising after the end of the official withdrawal period. An instructor’s determination that a grade of Incomplete is not appropriate cannot be appealed. If the instructor determines that a grade of Incomplete is not appropriate, the student may seek

Academic Procedures

approval for a late withdrawal from a course from the dean of the college of his or her major. Approval for such a late withdrawal is the exception and is limited to extraordinary circumstances over which the student has little control.

Final Examinations: In addition to examinations given during the semester, final examinations in all subjects are to be given in the final examination period at the end of each semester.

Grade Reports: At the end of the seventh week of each semester, faculty submit advisory grades using MyState for students receiving grades of D or F. Grades of C or higher are not reported to the Registration and Records Office at this time. Final grades are reported by faculty to the Registration and Records Office via MyState. Midterm and final grades are available to the student online through MyState and may be obtained in person by the student at Registration and Records Office. Final grades are posted in a timely manner at the conclusion of the semester.

Grade Point Average: The grade point average is computed on all work for which the student has registered except for developmental courses and courses with grades of P, W, K, or AUD and is based on the following quality point values for each semester hour of credit:

A	=	4
B	=	3
C	=	2
D	=	1
F	=	0

To calculate the Grade Point Average (GPA) for the current semester, multiply the quality point value for each grade received by the number of credits for that course. Determine the GPA by dividing the total credits attempted into the total quality points.

To calculate the cumulative GPA, multiply the quality points for the grade in every course taken by the number of credits in each course. Determine the GPA by dividing the quality points by the total credits.

Students with a GPA of less than 2.0 will have a quality point deficiency. To calculate the extent of the deficiency, multiply the total number of credits attempted by two. That total is the number of quality points required to have a 2.0 GPA. Then subtract the quality points actually earned from the total required to have a C average. This difference is the quality point deficiency.

Repeating and Replacing D and F Grades: Students who receive D or F grades early in their college careers may have such grades excluded in calculating their GPA when repeated under the following conditions:

1. The D or F must have been earned no later than the semester or summer term when the student attempts his/her 60th credit hour.
2. The grade received on the second attempt will be used in calculating the student's GPA. While the first grade will continue to appear on the transcript designated with an E for excluded, it will not be used in calculating the GPA.
3. Any course with designation (A) will be used to calculate the GPA but will not count towards hours earned for graduation.

Discretionary Academic Forgiveness: Consistent with the West Virginia Higher Education Policy Commission's Title 133 Procedural Rule, Series 22 Sections 4 and 5, West Virginia State University will extend academic forgiveness related to grade-point averages required for graduation to students under the following listed conditions. This policy pertains only to graduation requirements and not to such requirements for professional certification, which may be within the province of licensing boards, external agencies, or the West Virginia Board of Education. A student who has grades of F and/or D may petition the Registration and Records Office to disregard the grades for the purpose of computation of the cumulative grade point average under the following conditions:

- Only F and/or D grades from courses taken at least five years prior to the request may be disregarded for grade-point computation. A student must choose to keep all D grades or have all eligible D grades forgiven.
- When F and/or D grades are disregarded for grade point average computation, these grades will not be deleted from the student's official transcript.
- Once a D grade is disregarded for purposes of grade point average computation, the credit earned is also disregarded.
- The student requesting academic forgiveness must not have been enrolled in any college or university on a full-time basis (i.e., 12 or more credit hours) during any semester or term in the previous five years. If the student has enrolled on a part-time basis (i.e., less than 12 credit hours) during the specified years, the student must have earned at least a grade point average of C in all coursework attempted.
- To apply for academic forgiveness, a student must be currently enrolled and must complete, sign and submit the appropriate form to the Registration and Records Office. The student must certify that he/she has not been enrolled as a full-time student at any college or university for five consecutive years prior to the request.
- Once the student applicant has completed 12 credit hours of required courses at West Virginia State University (not including developmental courses) with no grade lower than a C, and has submitted the appropriate form, the Registrar will calculate the student's GPA. The Registrar will then grant the academic forgiveness for the F grades, and also for the

D grades if the student so requests, which the student earned at least five years earlier.

Note: Students who receive discretionary academic forgiveness may be eligible for graduation with honors if all other requisites for graduating with honors have been met. In determining the cumulative grade point average for honors, however, all grades on the academic record will be used, including those grades that have been forgiven.

Appeals of Final Grades

A student who believes that the final grade as posted for a particular class does not accurately reflect the student's performance, as determined by the grading procedure outlined on the class syllabus, he/she may wish to appeal the final grade. Prior to an official appeal of the grade, however, it is advisable for the student to ask the instructor to review his or her record of performance to determine whether the grade was accurately assigned. If it is determined that an error has occurred, the instructor can have the grade corrected by completing and processing a Special Grade Report for submission to the Registration and Records Office. Oral discussions regarding possible errors often resolve the student's questions and are not considered official appeals of final grades. If the student still believes the final grade is in error after an informal review of the record, an official appeal of the final grade may be initiated. The student should monitor the appeal process at all stages, taking careful note of all deadlines as the appeal moves forward.

- I. A student initiates an official appeal of a final grade by obtaining a Final Grade Appeal Form from the office of the college dean, completing and signing the form, and submitting it to the instructor through the office of the department in which the grade was awarded. The instructor will sign the form and a copy will be retained in the department office for the record while the first stage of the appeal is proceeding. This appeal must be initiated within the first 30 days after the first day of classes of the next regularly scheduled semester. For grades assigned for a fall semester, no later than 30 days into the following spring semester; for grades assigned for spring semester or summer session, no later than 30 days into the following fall semester.

The instructor must respond to the Final Grade Appeal Form with a decision within five business days of receiving it.

- A. If the appeal is granted:
 1. The instructor indicates the reason(s) for the change on the Final Grade Appeal Form, signs and submits the form to the department office.
 2. The instructor initiates a Special Grade Report to complete the official change of grade in the student's record.

- B. If the appeal is not granted:
 1. The instructor indicates the reason(s) for denying the appeal on the Final Grade Appeal Form and submits the form to the student as well as the department office. At this point, the student's reason(s) for appeal and the instructor's reason(s) for agreement or denial have been stated on the Final Grade Appeal Form. No new written material may be added by either the student or the instructor beyond this point except at the request of those hearing an appeal.
 2. The student may appeal the instructor's decision by forwarding the Final Grade Appeal Form to the department chair no later than five business days following receipt of the Final Grade Appeal Form with the instructor's decision.
 3. Upon receiving the Final Grade Appeal Form, the department chair should attempt to resolve the matter. The department chair may base the decision on the documentation provided on the Final Grade Appeal Form or he/she may choose to gather additional information from the student, the instructor, or other relevant sources. The Final Grade Appeal Form with the chair's decision should be returned to the student within five business days after the form has been submitted by the student to the department chair. A copy will be retained in the department office.
 4. If there is not a satisfactory resolution of the matter at the department chair level, the student may forward the Final Grade Appeal Form with the chair's decision to the college dean no later than five business days after receiving the chair's decision.
 5. The college dean may (a) decide the case directly based on the documentation provided on the Final Grade Appeal Form, (b) choose to gather additional information from the student, the instructor, or other relevant sources, or (c) request the Academic Appeals Committee (AAC) to hear the case and submit an advisory opinion on the appeal.
 6. If the case is referred to the AAC for an advisory opinion, the college dean must refer the case to the committee within five business days after receiving the appeal. The AAC in turn must convene to hear the case within five business days after receiving appeal from the college dean.
 - a. The instructor and the student have the opportunity to present their reasoning at a hearing before the committee.
 - b. Each party may be accompanied by an advisor of choice from the institution. Such an advisor may consult with but may not speak on behalf of the student or faculty member or otherwise participate in the proceedings, unless given specific permission to do so by the AAC Chair.

- c. Within five business days after the hearing, the AAC must convey its advisory opinion on the Final Grade Appeal Form to the college dean.
 - 7. Within five business days of receiving the appeal from the student, or if the appeal is referred to the AAC within five days of receiving the advisory opinion from the AAC, the college dean will forward the determination of the dean or the AAC, as the case may be, to the Provost and Vice President for Academic Affairs on the Final Grade Appeal Form.
 - 8. Within five business days of receiving the Final Grade Appeal Form the Provost and Vice President for Academic Affairs will either affirm or deny the determination as sent, record the reason(s) for his/her decision on the Final Grade Appeal Form, and return the form to the college dean. The Final Grade Appeal Form will constitute a full record of the action on the student's appeal.
 - 9. If the appeal is granted, the college dean initiates a Special Grade Report to change the grade officially in the student's record.
 - 10. The college dean distributes copies of the Final Grade Appeal Form to all parties.
 - 11. The decision of the Provost and Vice President for Academic Affairs is final.
- II. In cases involving a faculty member who has left the University, either permanently or for an extended leave of absence, the procedure is the following:
- a. It is the responsibility of the student to submit the Final Grade Appeal Form to the department chair within 30 days after having received the final grade.
 - b. The department chair will base his/her decision on all relevant documentation available, including grade books and syllabi, and may consult with any parties who may be able to supply additional information.
 - c. Within ten business days after receiving the appeal, the department chair must inform the student, in writing, of the decision reached.
 - d. If there is not a satisfactory resolution of the issue at this stage, the student should follow the procedures stated earlier, beginning with B-4.

Finality of Grades: The awarding of a degree is based on grades of record at the time the degree is awarded. Therefore, once a student has been awarded a baccalaureate or master's degree by the University all grades used to award the degree are final and may no longer be appealed or changed.

Recognition of Scholarship

The University wishes to encourage and recognize students who demonstrate achievement of high academic standards. The possibility of membership in academic honorary societies is mentioned elsewhere in this catalog. Other forms of recognition include:

Deans' List: Each semester the Deans' List recognizes those students who achieved a 3.25 grade point average in 12 or more graded hours for that semester. Developmental courses and courses with grades of P or K do not count toward the 12 graded hours required for eligibility for the Deans' List.

Recognition at Honors Event. Annually an Honors Event is held at which students achieving these following Grade Point Averages are recognized:

Class	Hours Completed	GPA
Freshman	24-29	3.25
Sophomore	30-59	3.25
Junior	60-89	3.50
Senior	90+	3.50

Graduation with Honors: Students who complete the requirements for a baccalaureate degree and earn at least 60 resident hours of credit in the West Virginia Higher Education Policy Commission system are eligible for graduation with honors as follows:

Honors Distinction	Cumulative GPA
cum laude	3.25-3.49
magna cum laude	3.50-3.74
summa cum laude	3.75-4.00

Students graduating with a second baccalaureate degree will graduate with distinction if they complete a minimum of 30 resident hours of credit beyond the initial baccalaureate degree at West Virginia State University with a cumulative grade point average of 3.50 or greater.

Degree Requirements & Graduation

Student Responsibility for Graduation Requirements

Students are responsible for knowing and fulfilling requirements for graduation. Accordingly, they should carefully read the catalog and curriculum requirements. The University cannot assume responsibility for failure of students to fulfill catalog and curriculum requirements. If questions arise about requirements, students should consult with the appropriate department chair, college dean or the Registrar several semesters prior to graduation. With reasonable notice, the University may modify degree requirements.

Requirements for Graduation

1. A cumulative grade point average of 2.0 (i.e., a C average) on all work attempted with the exception of

developmental courses and courses with grades of P, K, W, and AUD.

2. A cumulative grade point average of 2.0 in major and minor (if applicable) courses. The department will identify the courses that count toward the major and the major cumulative grade point average.
3. Completion of the total number of hours required in the curriculum elected.
4. The necessary residence requirement for a degree.
5. Payment of all outstanding financial obligations to the University.

Application for a Degree

Every student must file an application for degree with the Registrar within the prescribed period as outlined in the Academic Calendar. The Registrar provides application forms.

Graduation Participation

Students who wish to graduate from West Virginia State University must apply for graduation by completing an Application for Graduation in the Registration and Records Office located at 127 Ferrell Hall. Once a student applies for graduation, the registrar and college dean will evaluate the transcript of the applicant. Both must certify that the student has met the following criteria going into the semester in which the student plans to graduate:

1. The student must have all general education requirements completed except those scheduled during the semester which the student applies for graduation.
2. The student must have all required major courses completed except those scheduled during the semester that the student applies for graduation.
3. The student must have an overall grade point average of 2.0 or above in major and minor (if applicable) courses, or the ability to obtain this level during the semester that the student applies for graduation.
4. The student must have an overall grade point average at or above the level required for their major, or the ability to obtain this level during the semester that the student applies for graduation.

If the registrar and dean certify that the applicant meets each of the four criteria, the student can participate in commencement. Students will receive a letter indicating whether the University will allow them to participate in commencement during the semester in which they applied; however, participation in commencement does not indicate degree completion.

Students who fail to complete their academic responsibilities during the final semester must complete all degree requirements before the University confers a degree.

Residence Requirements for a Degree

Candidates for graduation with a bachelor's degree are normally required to complete the last 30 hours at this University. Students in good standing who have earned a minimum of 64 hours in this University may take up to half of their last 30 hours at another institution with prior permission of the college dean and the chair of the major department. A transient student form is to be processed. A student completing at least 90 credit hours of a pre-medical, pre-dental, pre-law or pre-veterinary medicine course of study at this University may become a candidate for the bachelor's degree upon graduation from an approved medical, dental, law, pharmacy, or veterinary college.

Second Degrees: Students holding a degree may want to broaden their educational background by earning a second bachelor's degree at West Virginia State University. Students holding a bachelor's degree from West Virginia State University or any other accredited college or university may qualify for a second bachelor's degree by completing the following at this University:

- a minimum of 30 semester hours after the initial degree and
- the specific requirements for the major and cognate areas of the additional degree

Awarding of Posthumous Degrees

West Virginia State University may grant a degree to undergraduate and graduate students posthumously if the Provost and Vice President of Academic Affairs deems that the student has completed sufficient coursework to earn a degree upon the recommendation of the dean of the college. This honor is in recognition of the academic achievement of the student prior to his or her death, and it is a way of recognizing this accomplishment. If approved, the Provost and Vice President of Academic Affairs will instruct the Director of Registration and Records to award the degree posthumously during the appropriate commencement exercise.

Probation & Suspension

1. A student whose cumulative scholastic record shows a deficit of 12 or more quality points is automatically placed on academic probation.
2. A probationary student who becomes deficient 18 or more quality points may be suspended for at least one semester.
3. A student on probation is expected to reduce his/ her deficiency each session enrolled.
4. A student on academic probation may not enroll in more than four courses (i.e., 12-14 credit hours) per semester.
5. The University will not accept coursework taken at another institution while on academic suspension from the West Virginia State University.

6. A third suspension for poor scholarship may result in permanent dismissal from the University.

Appeal of Academic Suspension or Dismissal

A student who wishes to appeal academic suspension or dismissal from the institution for academic reasons may do so by addressing a request in writing or by email to the Provost and Vice President for Academic Affairs within 10 days after grades have been posted or the notifications of other actions have been mailed.

1. The request should set forth the reasons why the student believes that the suspension or dismissal should be set aside.
2. The Provost and Vice President for Academic Affairs or designee will speak with the student within five days of receiving the appeal. At this time, the provost or designee may request additional information from the student and may request that the student obtain a recommendation regarding the appeal from other appropriate persons (e.g., departmental advisor or chair, student services staff person, etc.).
3. The Provost and Vice President for Academic Affairs or designee will inform the student of the decision regarding the appeal within three working days of receiving all requested information.
4. If a satisfactory resolution to the issue is not reached through this stage, the student may appeal in writing to the President of the University, whose decision is final.

Academic Dishonesty

Academic dishonesty is defined as plagiarism, cheating, falsifying records, etc., and may be punished by sanctions imposed by the instructor and appropriate to the offense ranging from a written reprimand to a grade of F on an assignment or a grade of F in the course. The University reserves the right to suspend or dismiss a student guilty of a particularly serious infraction.

1. Charges of academic dishonesty may be brought by any member of the academic community.
2. The punishment accorded students found cheating may be imposed by the instructor and should be determined by the degree of seriousness of the episode and the circumstances that existed at the time.
3. The instructor will issue a written statement of the punishment to be imposed to the student within 24 hours after the incident has occurred.
4. At the same time, the instructor will also submit a copy of the statement of punishment to his/her department chair, along with a complete written description of the event, the circumstances surrounding it and the sanction that is to be imposed.

Appeal of a Grade Penalty for Academic Dishonesty

1. A student wishing to appeal a sanction for academic dishonesty should submit the appeal in writing to the chair of the instructor's department within 48 hours of receiving the statement of punishment.
2. Upon receipt of the written appeal, the department chair shall immediately notify the college dean and call a meeting with the faculty member and the student to review the matter. A written record of this meeting shall be filed with the dean.
3. If the student admits guilt in writing, and if the department chair and college dean agree that the instructor's recommended sanction(s) is commensurate with the offense, the issue may be resolved at this level. The dean should be informed of the action taken.
4. If the student denies guilt, or if the department chair, college dean, or student believes that the sanction recommended by the instructor is not commensurate with the offense, and thus no agreement can be reached, the case shall be immediately forwarded in writing to the Provost and Vice President for Academic Affairs.
5. The case may be resolved at the Provost's level, or, if the student requests it or the Provost believes it is warranted, the case may be forwarded to the Academic Appeals Committee within 24 hours.
 - a. The student and the faculty member shall each have the right to remove one person from the Academic Appeals Committee.
 - b. During the hearing process, the sanction may be held in temporary inactivity and the student permitted to remain in the classroom pending the outcome of the Committee's deliberations.
6. Within 48 hours of having received the case the Academic Appeals Committee shall present to the instructor and student a written statement noting;
 - a. that a hearing will be held;
 - b. the time, date, and place of the hearing;
 - c. the names of the persons on the Academic Appeals Committee who will hear the case; and,
 - d. a declaration of the charges and the sanction which has been recommended.
7. The decision of the Academic Appeals Committee will be communicated directly to the instructor and the student involved within five days after the case has been received from the provost.
8. If the student is not satisfied with the decision, the student may appeal in writing to the President of the University, whose decision is final.

Misbehavior in an Academic Setting

An academic setting should be conducive to successful completion of academic activities and free of behavior that impairs their completion. The instructor assigned to a class is responsible for the class setting and has authority to take

action when misbehavior occurs within that setting. When misbehavior occurs in an academic setting, it will be the goal of the University to repair the breach this behavior has caused in the academic community for the benefit of all concerned. When the breach cannot be repaired, or the misbehavior is sufficiently serious, the University may find it necessary to exclude the student from further participation in the class/academic activity or exclude the student from the University.

1. An academic setting is defined as any classroom, laboratory, studio, workshop, field placement, or other site where instruction or hands-on learning experiences are taking place.
2. Misbehavior is defined as instances that defy ordinary means of classroom control and includes, but is not limited to, those listed below:
 - a. Disorderly conduct: fights, assaults or battery, public disturbances including verbal abuse and/or profanity.
 - b. Destruction of institutional or placement agency property.
 - c. Disruption-interference with any institutional activity; interference with the rights of any member of the institutional community; injury or threats of injury to any member of the institutional community.
3. An instructor who encounters student misbehavior in an academic setting and who has a clear perception of danger emanating from this misbehavior should take steps to protect this and other students by calling the Public Safety Office to have the disorderly person removed.
 - a. If the person accused of misbehavior represents a clear and present danger in the academic setting, he/she should not be allowed to return to the class or the field experience and may be barred from campus, if necessary, until a determination of appropriate action has been made.
 - b. If the student accused of misbehavior does not represent a clear and present danger in the academic setting, he/she may be allowed to return to the class or field experience until there has been a determination of an appropriate response to the misbehavior.
4. The penalty imposed for misbehavior in an academic setting should be determined by the degree of seriousness of the episode and the circumstances that existed at the time. A determination of an appropriate response shall be made by the instructor in consultation with his/her department chair and college dean.
 - a. Within 24 hours after the incident has occurred, the instructor shall submit to his/her department chair a complete written statement describing the event, the circumstances surrounding it, and the response that is recommended.

- b. Upon receipt of the written document, the department chair shall immediately notify the college dean and call a meeting with the faculty member and the student to review the matter. A written record of this meeting shall be filed with the dean.
5. If the student admits to the misbehavior in writing, and if the department chair and college dean agree that the response recommended by the instructor is commensurate with the misbehavior, the issue may be resolved at this level, and the provost should receive information related to the action taken.
6. If the student denies guilt, or if the department chair, college dean, or student believe that the sanction recommended by the instructor is not commensurate with the offense the case shall be immediately forwarded in writing to the provost, who will request through the Vice President for Enrollment Management and Student Affairs that the Student Court be assembled to hear the case.
7. From this point the case, including appeals, will be adjudicated in accordance with the procedures of the Student Court.

Student Complaint Process

When a student encounters a problem on campus that he/she does not know how to resolve, he/she should always try to work the problem out by first discussing it with those involved. Dealing with concerns in the most direct and honest fashion should always be the first step toward resolution. Many problems are resolved when a student makes an appointment with a faculty or staff member and calmly and honestly communicates their concerns. Please visit www.wvstateu.edu/studentcomplaint to learn more about the student complaint process.



GENERAL ACADEMIC INFORMATION

Fall 2015 Academic Calendar

Monday, June 29

- Deadline for completed financial aid applications and supporting documents/priority processing

Friday, July 24

- Deadline for clearance by Business & Finance for returning students

Friday, August 7

- Deadline for completion of admission process for new and transfer undergraduate students
- Deadline for completion of admission process for graduate students
- Deadline for completed readmission applications
- Payment deadline for early registered students

Sunday, August 9

- Resident assistants arrive

Monday, August 10

- Fall semester opening faculty meeting starts at 9 a.m.

Friday, August 14-Wednesday, August 19

- Online schedule adjustment for all registered students

Friday, August 14

- Dining and residence halls open for new resident students
- Final registration for all students through departmental offices 9 a.m.-6 p.m.

Saturday, August 15

- Final academic orientation, advising and registration for fully admitted new and transfer students
- Dining and residence halls open for returning students

Monday, August 17

- Fall semester classes begin

Monday, August 17-Tuesday, August 18

- Late registration (\$33 late fee)

Wednesday, August 19-Friday, August 21

- Extended drop/add through departmental offices 9 a.m.-6 p.m. for registered students

Friday, August 21

- End of 100 percent withdrawal refund period

Monday, September 7

- Labor Day – no classes

Friday, September 11

- Deadline for all students, including RBA graduates, to apply for December graduation

Friday, September 18

- Final 40 percent of tuition/fees due on installment plan
- Final deadline for all official documents for provisionally admitted students

Friday, October 2

- Advisory grades (i.e., D's and F's) due to the Registrar
- Deadline to submit completed RBA portfolios for December graduation

Monday, October 5

- Advising for spring semester and summer sessions begins
- Registration for spring semester and summer sessions begins for continuing students

Wednesday, October 7

- First half of fall semester classes end

Thursday, October 8

- Second half of fall semester classes begin

Thursday, October 8-Saturday, October 10

- Homecoming 2015

Monday, October 12

- End of prorated refund period for total withdrawal – no refunds after this date

Monday, October 19

- Open registration for spring semester and summer sessions begins

Friday, October 23

- "W" period ends – last day to drop classes or withdraw from school
- Last day to submit senior evaluations (with supporting documentation) for prospective December graduates

Friday, November 13

- Graduate student deadline for completion of the admissions process for the spring semester

Friday, November 20

- Deadline for completed financial aid applications and supporting documents/priority processing

Sunday, November 22-Sunday, November 29

- Thanksgiving Break: no classes

Saturday, December 5

- Last day of classes (Final exams for Saturday classes occur on this date)

Monday, December 7-Thursday, December 10

- Final examinations

Friday, December 11

- Deadline for clearance by Business & Finance for returning students for the upcoming spring semester

Saturday, December 12

- Commencement 10 a.m. at the D. Stephen and Diane H. Walker Convocation Center

Spring 2016 Academic Calendar

Friday, January 8

- Deadline for completion of admissions process for new and transfer undergraduate students for the spring semester
- Deadline for completed readmission applications for the spring semester
- Payment deadline for early registered students

Monday, January 11

- Resident assistants arrive

Tuesday, January 12

- Spring semester opening faculty meeting starts at 9 a.m.

Friday, January 15-Wednesday, January 20

- Online schedule adjustments for all registered students

Friday, January 15

- Dining and residence halls open for new resident students
- Final registration for all students through departmental offices 9 a.m.-6 p.m.

Saturday, January 16

- Final academic orientation, advising and registration for fully admitted new and transfer students

Saturday, January 16

- Dining and residence halls open for returning students

Monday, January 18

- Dr. Martin Luther King, Jr. Holiday – no classes

Tuesday, January 19

- Spring semester classes begin

Tuesday, January 19 -Wednesday, January 20

- Late registration (\$33 late fee) through advisors in departmental offices 9 a.m.-6 p.m.

Wednesday, January 20-Friday, January 22

- Extended drop/add through departmental offices 9 a.m.-6 p.m. for registered students

Friday, January 22

- End of 100 percent withdrawal refund period

Friday, February 12

- Deadline for all students, including RBA graduates, to apply for May graduation

Friday, February 26

- Final 40 percent of tuition/fees due for students on the installment plan
- Final deadline for all official documents for provisionally admitted students

Friday, March 4

- Advisory grades (i.e., D's and F's) due to the Registrar
- Deadline to submit RBA portfolios for May graduation

Monday, March 7

- Advising for summer sessions and fall semester begins
- Registration for fall semester begins for continuing students

Wednesday, March 9

- First half of spring semester classes end

Thursday, March 10

- Second half of spring semester classes begin

Monday, March 14

- End of prorated refund period for total withdrawal – no refund after this date

Sunday, March 20-Sunday, March 27

- Spring Break – no classes

Monday, March 21

- Open registration for fall semester begins

Friday, April 1

- “W” period ends – last day to drop classes or withdraw from school
- Last day to submit senior evaluations (with supporting documentation) for prospective graduates

Friday, April 29

- Deadline for completed financial aid applications for the summer session

Saturday, May 7

- Last day of classes (final exams for Saturday classes occur on this date)

Monday, May 9-Thursday, May 12

- Final examinations

Saturday, May 14

- Commencement 10 a.m. at the D. Stephen and Diane H. Walker Convocation Center

Summer 2016 Academic Calendar

(2015)

Monday, October 26*

- Registration begins for continuing students

Monday, November 9*

- Registration begins for readmitted students and transient students

(2016)

Friday, April 29*

- Deadline for completed financial aid applications for summer 2016 sessions

Friday, May 13*

- Tuition due for early registered students

Upon Registration*

- Tuition due for students registering after May 13

Tuesday, June 14*

- Deadline to apply for August graduation

Monday, August 1*

- August graduation date

**Dates apply to all summer sessions.*

Summer Session 1

May 23 -June 10, 2016

3-Week Classes

Sunday, May 22

- Residence halls open

Monday, May 23

- First day of classes
- Late registration (\$33 late fee)

Monday, May 30

- Memorial Day – no classes

Wednesday, June 1

- End of prorated withdrawal refund period
- Last day to withdraw with “W”

Friday, June 10

- Last day of classes
- Final examinations

Summer Session 2

May 23 -July 22, 2016

9-Week Classes

Sunday, May 22

- Residence halls open

Monday, May 23

- First day of classes
- Late registration (\$33 late fee)

Tuesday, May 24

- Last day to add/drop courses

Monday, May 30

- Memorial Day – no classes

Wednesday, June 22

- End of prorated withdrawal refund period

Thursday, June 30

- Last day to withdraw with “W”

Thursday, July 21

- Last day of class

Friday, July 22

- Final examinations

Summer Session 3

June 13-July 22, 2016

6-Week Classes

Monday, June 13

- First day of classes
- Late registration (\$33 late fee)

Tuesday, June 14

- Last day to add/drop classes

Monday, July 4

- Independence Day – no classes

Tuesday, July 5

- End of prorated withdrawal refund period
- Last day to withdraw with “W”

Thursday, July 21

- Last day of class

Friday, July 22

- Final examinations

Areas of Study

Undergraduate Programs

Art, Bachelor of Arts

- Art History*
- Digital Photography*
- Drawing*
- Graphic Design*
- Painting*
- Photography*
- Printmaking*
- Sculpture*

Biology, Bachelor of Science

- Biotechnology and Genetics
- Pre-medical and Biomedical Sciences
- Pre-Nursing*
- Organismal and Environmental

Business Administration, Bachelor of Science

- Accounting ^
- Energy Management ^
- Finance
- Management
- Marketing

Chemistry, Bachelor of Science

- American Chemical Society Certified
- Applied Chemistry
- Pre-medical/Pre-Pharmacy Sciences

Communications, Bachelor of Science

- Broadcasting*
- Communications*
- Digital Media*
- Film*
- Interpersonal and Group*
- Journalism/Writing
- Public Relations*
- Theatre*
- Visual Media

Computer Science, Bachelor of Science

Criminal Justice, Bachelor of Science

- Corrections*
- Generalist Certificate*
- Investigation*
- Law Enforcement*

Economics, Bachelor of Arts

- Business Economics
- Financial Economics
- International Economics
- Political Economy
- Social Sciences

Education, Bachelor of Science

- Elementary Education K-6
- 5-Adult
 - Business
 - English
 - General Science
 - Journalism
 - Mathematics
 - Social Studies
- 9-Adult
 - Biology
 - Chemistry
- Pre-K-Adult
 - Art
 - French
 - Health
 - Music
 - Physical Education
 - Spanish
 - Theater

English, Bachelor of Arts

- Creative Writing*
- Diversity Literature*
- Literature
- Literary Studies*
- Professional Writing
- Technical Writing*
- World Literature*

Health Sciences, Bachelor of Science

History, Bachelor of Arts

International Studies, Bachelor of Arts

- Africana Studies
- Communications
- Foreign Language
- International Business
- International Relations

Mathematics, Bachelor of Science

- Applied
- Classical

Modern Foreign Languages

- Proficiency in French
- Proficiency in Spanish

Music Performance, Bachelor of Fine Arts

Political Science, Bachelor of Arts

Psychology, Bachelor of Arts

Recreation, Bachelor of Science

Regents Bachelor of Arts

Social Work, Bachelor of Science

Sociology, Bachelor of Arts

Sports Studies, Bachelor of Science

Graduate Programs

Biotechnology, ^ Master of Arts/Master of Science

- Organismal/Environmental
- Molecular/Microbial

Criminal Justice Administration, Master of Science

Master of Public Administration

Media Studies, Master of Arts

- Digital Media
- Media Theory & Criticism

*Certificate offered

^Post graduate certificate

Advisors

Following admission to the University and prior to registering for classes for the first time, a student is assigned a faculty advisor. Usually the advisor is a faculty member who teaches courses in the student's chosen degree field. If the student is required to take a number of developmental courses, the advisor may be a faculty member who teaches developmental courses. If the student is undecided about a degree program, the advisor will be someone generally knowledgeable about either bachelor's or master's degrees.

Students must periodically schedule conferences with their advisors prior to registration. Advisors assist students with many University-related matters such as schedule planning, questions concerning degree programs, and academic procedures. Students can use MyDegree@State, the degree auditing system at the University, to prepare for the advising session.

Catalog

To graduate, students must fulfill all degree requirements in the catalog in effect at the time of their initial enrollment. However, if students interrupt their studies at West Virginia State University for two semesters or more, they shall be bound by the requirements of the catalog in effect at the time of their re-enrollment. It is the responsibility of students to know and meet all requirements in the appropriate catalog.

Students admitted under a given catalog may request permission of the college dean through the department chair to make a total change to new degree requirements (e.g., general studies, major, minor and cognates) reflected in a new catalog.

Bachelor's Degrees

Bachelor's or baccalaureate degrees ordinarily take a full-time student four academic years to complete. Graduation may lead directly to employment or to further study in professional or graduate school. Bachelor's degrees typically require 120 to 128 credit hours for graduation. The hours are divided among the following categories:

General Education: The general education curriculum seeks to provide a common learning experience for all graduates of bachelor's degrees curricula. General education courses (i.e., 35-41 credit hours) listed later in this chapter are required.

Transfer students who have not completed an equivalent four-year degree general studies program must take the additional courses needed for the general studies component at West Virginia State University. Courses similar to those at West Virginia State University may be substituted. Students transferring from another state college or university in West Virginia will be governed by the Core Coursework Transfer

Agreement approved by the West Virginia Higher Education Policy Commission.

Major: The major is the sequence of courses taken by a student seeking a bachelor's degree that gives appreciable knowledge and skill in the chosen field. The normal requirement for a major is in the range of 34-48 credit hours. Some courses are required, but others are selected by the student from the courses offered in the department.

Minor: All non-teacher education baccalaureate students whose programs permit them to do so may elect one or more minor fields in addition to the major. A minor consists of approximately six courses designated by the department. Minors may be completed in the following areas:

- African & African-American Studies
- Appalachian Studies
- Art
- Art History
- Biology
- Business Administration
- Chemistry
- Communications
- Computer Science
- Criminal Justice
- Economics
- English
- French
- History
- Information Systems
- International Studies
- Mathematics
- Military Science
- Music
- Philosophy
- Political Science
- Psychology
- Physics
- Safety Management
- Sociology
- Recreation
- Tourism
- Women's Studies
- Spanish

Cognates: Cognates are closely related courses that give support to the major.

Electives: Electives are the courses that students choose for the remaining hours needed for graduation. Unless the curriculum designates a choice of certain courses, electives may be taken in any field of study. With written permission of the college dean, you can take up to four elective courses on a pass-fail basis.

Assessment of Student Learning: At West Virginia State University, assessment of student learning is an integral part

of learning and teaching effectiveness. Students are major participants in the assessment process, and should actively contribute to West Virginia State University's comprehensive assessment program at the classroom, program and institutional levels. Student involvement in assessment activities begins upon initial enrollment and systematically continues through the student's graduation. Students must demonstrate competencies in general education, specifically the Eight Common Learning Experiences, which form the foundation of the general education curriculum. As a culminating experience, baccalaureate programs at West Virginia State University require that graduating students complete a senior capstone course in which students are expected to demonstrate their competencies in both program- and institutional-level academic goals and objectives through a variety of methods appropriate to the given discipline (e.g. portfolios, standardized exams, surveys, senior projects). The results of this ongoing assessment help improve the quality of student learning and of academic programs.

Pre-Professional Programs

Students who eventually intend to go to professional schools will find that they are able to take courses at West Virginia State University in the following fields:

- Pre-dentistry
- Pre-engineering
- Pre-law
- Pre-medical
- Pre-nursing
- Pre-occupational therapy
- Pre-optometry
- Pre-pharmacy
- Pre-physician's assistant
- Pre-physical therapy
- Pre-veterinary

Students need to become acquainted with the entry requirements of the professional school they wish to attend. Often students will find that the requirements for a West Virginia State University degree and for entrance into the professional school are similar. If so, they are encouraged to earn a degree while taking the courses required for admission to the professional school. For example, pre-law students might earn a bachelor's degree in political science or history. Alternatively, pre-medicine or pre-dental students might earn a bachelor's degree in biology or chemistry.

Advisors are available to assist students concerning a choice of an undergraduate curriculum that will equip them for entry into a professional school.

Colleges & Departments

Bachelor's degree programs are administered in academic departments presided over by department chairs. The

department chair assigns various faculty members within the department to be advisors for students.

For administrative purposes, the University clusters departments in colleges coordinated by a dean. The divisions and departments within each are as follows:

College of Arts and Humanities

Art
 Communications
 English
 Media Studies
 Modern Foreign Languages
 Music
 Regents Bachelor of Arts

College of Business Administration and Social Sciences

Business Administration
 Public Administration
 Social and Behavioral Sciences (i.e., Economics, History, Political Science, Psychology, Sociology)

College of Natural Sciences and Mathematics

Biology
 Biotechnology
 Chemistry
 Mathematics and Computer Science
 Physics

College of Professional Studies

Criminal Justice
 Education
 Health and Human Performance
 Military Science
 Social Work

Honors Program

Mission

The Honors Program at West Virginia State University offers enriched academic opportunities for students with high academic achievement. This program shall identify, recruit and offer students academic challenges that enhance their skills and creativity. The Honors Program enables students to continue their pursuit of excellence.

Admission

To qualify for acceptance to the Honors Program:

- Prospective students: 3.5 GPA, 26+ composite ACT, and a letter of application.
- Existing and transfer students: 12-35 credit hours with 3.5 GPA, and a letter of application.

Advising

The Honors Program Coordinator advises all the students participating in the Honors Program about the Honors Program requirements. In addition, all Honors Program

General Academic Information

students have academic advisors in their majors and are eligible for early registration every semester.

Academic Requirements

To graduate with the Honors Program designation, students must complete the following requirements:

- Maintain a minimum GPA of 3.3
- Complete 15 credits of General Education Honors courses
- Complete Honors Thesis
- Complete two professional and/or cultural activities each semester

Outline of Core Curriculum

Students in the Honors Program must complete a minimum number of 15 credit General Education Honors courses and an Honors Thesis. Some prerequisite requirements are listed in the course schedule while others are listed at the end of the course descriptions. The courses listed are three credit hour courses except where noted otherwise.

General Education Honors Courses

Interdisciplinary Matrix (3 credit hours)

Students in the Honors Program have to take the following course to meet the Interdisciplinary Matrix requirements. This course is intended for Honors students, but is open to all students with permission from their advisor.

Note: Although the course is a substitute for both interdisciplinary course requirements, students must still meet the total number of general education hours required for graduation.

GE 160H Foundations of Inquiry (three credit hours)

An interdisciplinary, team-taught course within the “core of the core” of common learning experiences in the General Education curriculum. The course focuses on the large “human questions” by identifying how they relate to perception, reason and structure. Focusing on multi-cultural issues of humanity (including race and gender), human thought, society and technology. Investigation will take place across disciplines and through various modes of knowledge. Prerequisite(s): ENGL 101 placement.

Choose Additional 12 Credit Hours

HIST 201H World History (three credit hours)
HHPLS 157H Healthy Living (two credit hours)
ENGL 150H Introduction to Literature (three credit hours)
COMM 140H Film Appreciation (three credit hours)
BIOL 101H Principles of Biology (four credit hours)
CHEM 100H Consumer Chemistry (three credit hours)
POSC 101H American National Government (three credit hours)

Honors Thesis

NSM 490H Honors Research (3-9 credit hours)

How to Apply for the Honors Program

Complete the online application available at www.wvstateu.edu/honorsapply

For further details and information, please contact:

Dr. Genia Sklute
Honors Program Director
215 Hamblin Hall
(304)766-3292
gsklute@wvstateu.edu

Study Abroad

In keeping with a desire to provide more direct student enrichment programs in international education, West Virginia State University provides study abroad opportunities to students enrolled in a formal degree or certificate program. Students may receive collegiate academic credit for study and experience occurring outside the United States by enrollment in any of the following:

- International Student Exchange Program at www.isep.org;
- University of Calabria in Cosenza, Italy;
- Travel-study programs sponsored by WVSVU;
- A resident study abroad or travel-study program sponsored by the West Virginia Consortium for Faculty and Course Development in International Studies (FACDIS);
- A program directed by faculty members from other West Virginia institutions;
- A program sponsored by a U.S. college, university, or consortium with institutional approval;
- A foreign university as a special student;
- An accredited U.S. institution abroad or a program sponsored by an organization other than a college or university with West Virginia State University’s approval.

Students will be required to obtain prior consent from their academic unit before registering for study abroad programs. Although such international experience is not required in all programs, study abroad is strongly recommended for students not only in the field of foreign languages but in other fields as well (e.g., humanities, social sciences, business, art, etc.). Resident study abroad programs or travel study programs will be integrated with traditional academic courses offered at West Virginia State University and will become part of the regular institutional curriculum. Study abroad is an important component of a comprehensive studies program that can contribute to the development and growth of the individual student and prepare the student to function more effectively in a global society. Participants in such programs will enhance their preparation for further graduate or professional studies and employment while deriving countless other benefits. For additional information, please contact Dr. James Natsis at natsisja@wvstateu.edu.

ACADEMIC PROGRAMS

General Education Component

For Bachelor Degree Programs Outline of Core Curriculum

Students in bachelor degree programs must complete the minimum number of hours indicated in each of the following components for a total of 35-41 credit hours. Your major field curriculum will specify courses or course categories that you must complete. However, where you have choices of courses that you may select, those choices are specified in the lists that follow. For descriptions of these courses, consult the online West Virginia State University Catalog. Some prerequisite requirements are listed in the course schedule; others are at the end of the course descriptions. Be sure you meet the prerequisites for a particular course before enrolling in the course. The courses listed are three credit hour courses except where noted otherwise.

For students transferring from other state of West Virginia colleges and universities, the West Virginia Higher Education Policy Commission provides a Core Coursework Transfer Agreement, available on its webpage, listing general education courses at each institution that are transferable to all other state of West Virginia higher education institutions for general education purposes.

Tier I (18-19 credits)

A. *First Year Experience (3 credits)*

This course is designed to assist the first-year student in developing skills and abilities necessary for academic success. All first-year students must complete this course within the first two semesters of college work.

G ED 101 Freshman Experience

B. *Written Communication I (3 credit hours)*

One of the following:

ENGL 101 Writing and Communication I
 ENGL 101E Writing and Communication I (Enhanced)
 ENGL 101H Writing and Communication I (Honors)

C. *Written Communication II (3 credit hours)*

One of the following:

ENGL 102 Writing and Communication II
 ENGL 102H Writing and Communication II (Honors)
 ENGL 112 Technical Writing

D. *Oral Communication (3 credit hours)*

One of the following:

COMM 100 Speech Communication
 ENGL 201 Advanced Effective Communication

E. *Mathematics (3 credit hours)*

Courses approved for mathematics general education credit and designated by major.

F. *Scientific Reasoning (3-4 credit hours)*

One of the following*:

BIOL 101 Principles of Biology (4 credits)
 BIOL 101H Principles of Biology (Honors) (4 credits)
 BIOL 108 Environmental Biology (4 credits)
 BIOL 110 Economic Biology (4 credits)
 BIOL 120 Fundamentals of Biology (4 credits)
 CHEM 100 Consumer Chemistry (3 credits)
 CHEM 100H Consumer Chemistry (Honors) (3 credits)
 PHYS 101 Physical Science Survey I (3 credits)
 PHYS 102 Physical Science Survey II (4 credits)
 PHYS 103 Elements of Physical Science (3 credits)
 PHYS 106 Intro. to Physical Geology (4 credits)
 PHYS 107 Historical Geology (4 credits)
 PHYS 110 Weather and Climate (4 credits)
 PHYS 111 Energy and the Environment (4 credits)
 PHYS 120 Astronomy (3 credits)
 PHYS 121 Astronomy Lab (1 credit)

Tier II (17-21 credit)

A. *Arts (3 credit hours)*

One of the following:

ART 101 Studio I - Introduction to Art
 ART 101H Studio I – Introduction to Art (Honors)
 COMM 170 The Art of the Theater
 MUSIC 107 Appreciation of Music

B. *Humanities (3 credit hours)*

One of the following:

ART 100 Art Appreciation
 COMM 140 Film Appreciation
 COMM 140H Film Appreciation (Honors)
 ENGL 150 Introduction to Literature
 ENGL 150H Introduction to Literature (Honors)
 MUSC 104 American Music A Panorama

C. *International Perspectives (3 credits)*

One of the following:

COMM 446 International Cinema
 INTS 210 Introduction to International Perspectives
 INTS 250 Diversity in Africana Studies
 ENGL 350 World Literature Classical Era
 ENGL 351 World Literature Modern Era
 ENGL 440 Interpreting the Holocaust
 FREN 101 Beginning French
 FREN 102 Elementary French
 FREN 205 A View of Changing Culture
 FREN 443 West African Culture
 GERM 101 Beginning German
 GERM 102 Elementary German
 SPAN 101 Beginning Spanish
 SPAN 102 Elementary Spanish
 SPAN 205 Spain and its Culture
 POSC 210 International Relations
 POSC 415 Arab Middle East
 PHIL 308 World Religions
 EDUC 319 Content Area Literacy

EDUC 321 Teaching Writing in the Elementary School

D. History (3 credit hours)

One of the following:

HIST 201 World History
 HIST 201H World History (Honors)
 HIST 202 World History
 HIST 207 American History to 1865
 HIST 208 American History from 1865

E. Natural Science* (3-4 credit hours)

One of the following:

BIOL 101 Principles of Biology (4 credits)
 BIOL 101H Principles of Biology (Honors) (4 credits)
 BIOL 108 Environmental Biology (4 credits)
 BIOL 110 Economic Biology (4 credits)
 BIOL 120 Fundamentals of Biology (4 credits)
 CHEM 100 Consumer Chemistry (3 credits)
 CHEM 100H Consumer Chemistry (Honors) (3 credits)
 PHYS 101 Physical Science Survey I (3 credits)
 PHYS 102 Physical Science Survey II (4 credits)
 PHYS 103 Elements of Physical Science (3 credits)
 PHYS 106 Intro. to Physical Geology (4 credits)
 PHYS 107 Historical Geology (4 credits)
 PHYS 110 Weather and Climate (4 credits)
 PHYS 111 Energy and the Environment (4 credits)
 PHYS 120 Astronomy (3 credits)
 PHYS 121 Astronomy Lab (1 credit)

F. Social Science (3 credit hours)

One of the following:

BA 210 Business Law
 BA 312 Personal Finance
 ECON 101 American Economy
 POSC 100 Introduction to Government and Politics
 POSC 101 American National Government
 POSC 101H American National Government (Honors)
 PYSC 151 General Psychology
 SOC 101 Introduction to Sociology
 SOC 305 Birth, Death, and Migration
 EDUC 201 Human Growth and Development

G. Wellness (2 credit hours)

HHP 122 Fitness for Living
 HHP 157 Healthy Living
 HHP 157H Healthy Living (Honors)
 HHP 242 Team Sports II

* Courses taken for Scientific Reasoning (Tier I) and Natural Science (Tier II) MUST be different courses.

Interdisciplinary Minors

West Virginia State University offers interdisciplinary minors in African and African-American Studies, International Studies and Women's Studies. Each minor is designed to provide students with a course of study in an area of current importance and interest that crosses the

traditional lines among disciplines. Each minor begins with an introductory course that provides an overview of its field of study. The breadth and focus of the introduction is then further developed through a number of relevant courses in this field drawn from departmental offerings.

Minor in African & African-American Studies

(18 credit hours)

Core Course: G ED 150 Introduction to African and African-American Studies. Electives: 15 credit hours from the following list of courses approved for the minor, including at least two arts and humanities courses and two social science courses (this list may be expanded).

G ED 150 Introduction to African/African-American Studies (3 credit hours)

This course explores the lived experiences of African-Americans from Africa to the new world. It examines themes and issues that have affected the lives of African-Americans in the diaspora historically and presently. While the course focuses on African-descended North Americans, it provides some discussion of the global African experience. This course also traces the development of African/African-American studies as a discipline and field of knowledge in the academy.

Arts and Humanities:

ENGL 337 The Black Writer in America
 ENGL 338 Black Novelists in America
 ENGL 339 Black Poets in America
 ENGL 340 Readings in African Literature

Social Sciences:

HIST 311 African-American History
 HIST 444 Sub-Saharan Africa
 POSC 420 The Politics of Race

Minor in Appalachian Studies

(15 credit hours)

G ED205/SOC205 Introduction to Appalachian Studies

Choose Two:

HIST 209 West Virginia and the Appalachian Region
 SOC 444 Appalachian Culture and Social Change
 ENG 325 Adolescent Literature
 HIST 416 The Civil War Era
 SWK 200 Theories of Poverty
 SWK 202 Cultural Aspects

Choose One:

ENG 343 Appalachian Literature and Culture or
 ART 319 Appalachian Arts and Crafts

Choose One:

BIOL 108 Environmental Biology

Academic Programs

ENG 154	Mythology and Folklore
ENG 324	Literature for Children

Minor in International Studies

(18 credit hours)

Core Courses: Introduction to International Studies (INTS); three credit hours in a language at the 300 level, or foreign language proficiency as tested by the Modern Foreign Language Department. Electives: nine credit hours from the following list of courses approved for the minor (this list may be expanded).

ART 200	Non-Western Art
ART 317	African and Afro-American Art
ART 320	African Art
ART 350	African-American Artist
BA 460	International Business
COMM 446	International Cinema
ECON 310	Economic Development
ECON 406	Comparative Economic Systems
ECON 410	International Economics
ENGL 340	Readings in African Literature
ENGL 350	World Literature: Classical Era
ENGL 351	World Literature: Modern Era
ENGL 440	Interpreting the Holocaust
FREN 205	France: A View of Changing Culture
FREN 443	West African Culture
FREN 444-26	Caribbean: Crossroads of Culture
HIST 421	History of the Far East
HIST 304	History of Russia
HIST 444	Sub-Saharan Africa
PHIL 308	World Religions
POSC 210	International Relations
POSC 302	American Foreign Policy
POSC 304	Comparative Politics
POSC 410	Politics of the Third World
POSC 415	Arab Middle East
SOC 305	Birth, Death, and Migration
SPAN 205	Spain and Its Culture

Select A or B

- A. Field Study with an international agency in the U.S. or abroad for 3 hours
- B. Special topics course for 3 hours

In addition, study abroad for 1-6 credit hours, internship or field study with an international agency in the U.S. or abroad for three credit hours, and appropriate special topics courses may be used as electives if approved by the International Studies Minor Committee.

Minor in Women's Studies

(15 credit hours)

Core course: G ED 250 Introduction to Women's Studies. Electives: 12 hours from the following list of courses approved for the minor (this list may be expanded).

G ED 250 Introduction to Women's Studies (3 credit hours)

Women's Studies is interdisciplinary scholarship focused on women and gender. This introductory course presents students with the history of the women's movement and analyses of women's psychology, gender roles and life cycle as they affect and are affected by economics, law, religion, business, politics and the arts. The methodologies of feminist research and feminist theory are introduced. Women's similarities as well as differences based on age, ability, sexual orientation, socioeconomic class and race and ethnicity are explored and analyzed within this framework.

G ED 300 Feminist Theory (3 credit hours)

This course introduces the students to the history of cross-disciplinary scholarship in the humanities and social sciences, as well as the concepts and conceptual frameworks that ground the scholarship. Students will engage with the varieties of feminism and theories pertaining to the study of women and gender through course readings and practice doing theory through discussion and writing. Required for students taking a minor in Women's Studies.

ART	451	Women Artists
COMM	345	Film Theory: Genre and Directors
ENGL	342	Women Writers
PSYC	245	Sex Roles
SOC	320	Women, Change, and Society
S WK	200	Theories of Poverty

Note: Courses used to fulfill general education or major requirements may also be used to fulfill requirements for interdisciplinary minors.

Certificate in Human Diversity

Purpose

The Certificate in Human Diversity is designed for students who are interested in acquiring knowledge about culturally, religiously and racially diverse groups of people.

Program Description

The Certificate in Human Diversity is offered jointly by the National Center for Human Relations (NCHR) and the general education program at West Virginia State University. In accordance with the Mission Statement of the NCHR, the goal of the Certificate Program is to prepare students to build bridges of understanding in all areas of human relations with a special emphasis on interfaith relations, domestic violence and race relations.

Who Should Consider a Certificate in Human Diversity

- Individuals who are interested in entering the field of human diversity conflict resolution.
- Students who are interested in learning more about human diversity.
- Students who plan to work with diverse populations.

Requirements for the Certificate in Human Diversity

- Admission to West Virginia State University;
- Successfully complete 18 hours of earned credit in human relations courses; and
- Attend and complete four 2-hour training workshops.

Curriculum/Suggested Sequence**Interfaith Relations**

PHIL 308/World Religions	3 hours
SOC 307/Sociology of Religion	3 hours
Subtotal:	6 hours

Domestic Violence

GE 210/Introduction to Women's Studies	3 hours
CJ 304/Crimes and the Family	3 hours
Subtotal:	6 hours

Race Relations

SOC 208/Minorities in American Society	3 hours
GE 200/Race, Gender, & Human Identity	3 hours
Subtotal:	6 hours
Total:	18 hours

Note: Enrolling for some of these courses may require meeting prerequisites. Consult the current catalog or Program Director for details or questions.

Workshops Conducted by the NCHR

- Introduction to the Study of Human Diversity
- Introduction to Human Diversity and the Law
- Introduction to Cross-Cultural Communications
- Introduction to Conflict Resolution

The Certificate in Human Diversity is co-sponsored by the West Virginia State University general education program and the NCHR.

Information

For further information about the interdisciplinary minors and the Certificate in Human Diversity, contact Dr. Jeffrey Pietruszynski, Coordinator of General Education, at (304) 766-3075 or jpietrus@wvstateu.edu.

Certificate in Leadership

Through an interdisciplinary curriculum, the West Virginia State University Certificate in Leadership Program will provide each student with the opportunity to develop core knowledge about leadership within the larger context of social action and social change and to demonstrate leadership through written, oral and field-based experiences.

The West Virginia State University Certificate in Leadership Program is a high quality, interdisciplinary, multidimensional, experiential and multi/intercultural program that exposes undergraduates to and prepares them for real life leadership experiences. Students will explore issues of leadership, citizenship and social change within the context of an inquiry, experiential and competency-based instructional design.

Curriculum/Suggested Sequence

CPS 215	Leadership Theories and Development
CPS 315	Organizational Leadership and Change
CPS 415	Practicum in Leadership Service

For more information, please contact Mr. Coston Davis at costondavis@wvstateu.edu or Dr. Daton Dean-Leonard at ddean1@wvstateu.edu.

International Studies

Dr. James Natsis
 Coordinator
 218 Hill Hall
 (304) 766-4249
 natsisja@wvstateu.edu

The Bachelor of Arts in International Studies is an interdisciplinary degree program designed to prepare students for the multicultural global village in which we live. In a modern world of increasing interdependence and rapid change, the need is critical. Knowledge of the world broadens the mind, challenges prior biases and limitations, and fosters an appreciation of diverse societies and cultures.

The interdisciplinary degree consists of five concentration areas: Africana Studies; Communication; International Business; International Relations; and Foreign Language. Students in each concentration will follow General Education (51-53 hours) and Core Requirements (36 hours) and will be required to participate in a Study Abroad experience.

Students who fulfill the requirements of the International Relations, International Business, or Africana Studies concentration areas will also earn a minor in either Spanish or French, as these concentrations require a minimum 15 credit hours of one of the two aforementioned languages. Students in the Foreign Language concentration will be required to take additional classes in one of the following areas. This will result in a minor in one of the selected areas:

Accounting	18 hours
Finance	18 hours
Management	18 hours
Marketing	15 hours
Political Science	15 hours

Graduates of the International Studies program will be able to:

- Demonstrate awareness of and sensitivity to the traditions, values, aspirations and concerns of people throughout the world.
- Demonstrate competency in a world language (e.g., Spanish or French) that will broaden communication capabilities and offer insight into other cultures attainable only through the study of a language.
- Acquire a foundation for careers in government, non-governmental organizations, and businesses with international interests and programs.

The demand for the skills acquired in an International Studies degree is increasing in the private sector and in government. Job opportunities include international, government and non-government organizations, foreign

trade, diplomacy, international law, marketing, foreign affairs, defense, intelligence, foreign aid, humanitarian services, politics, education, language services and journalism.

Bachelor of Arts in International Studies

120 hours required for graduation in all concentrations.

General Education 51-53 Hours Major 33-36 Hours

Areas of Concentration (Select One)

Option A-Foreign Language

Spanish or French: (Spanish) SPAN 101, 102, 201, 202, 305, 306, 307, 311, 312, 401, 402. Optional: SPAN 303, 399. (French) FREN 101, 102, 201, 202, 305, 306, 307, 311, 312, 401, 402. Optional: FREN 399

Option B-International Business

BA 209, 215, 216, 301, 305, 310, 313, 416, 465; ECON 201, 201, 410

Option C-International Relations

Required: POSC 100, 101, 210. Select 24 hours from the following: CJ 370; HIST 403, 404, 421, 444; FREN 205; MS 399; POSC 302, 304, 311, 399, 402, 410, 415; PSY 200; SOC 270, 305; SOCW 207; SPAN 205

Option D-Africana Studies

Required: BSS 101; HIST 311, 444; INTS 250; SOC 270, 311, 312, 420. Select 18 hours from the following (2 courses must be 300-400 level): ART 202; BA 115, 416, 425, 460, 465; ECON 201/301, 202/302, 310, 330, 404, 406, 410; ENGL 337, 338, 339, 340; GEOG 201, 306; HIST 301, 312, 313, 316, 317, 318, 403/404, POSC 210, 302, 401/402, 410, 420; SOC 201, 208, 212, 305, 406; SWK 200, 205

Option E-Communications

Required: COMM 101; COMM 162; COMM 205; COMM 241, COMM 261; COMM 307; COMM 400; COMM 446; Select 12 hours from the following (one must be an advanced-level course, COMM 341, 360, 362, 405, or 470, and all prerequisites must be met); COMM 170; COMM 240; COMM 285; COMM 305; COMM 341; COMM 343; COMM 345; COMM 360; COMM 362; COMM 382; COMM 299 or 399; COMM 405; COMM 470

Cognates-21 Hours

All concentrations: INTS 210 and SPAN/FREN-201, 202, and 1 class at 300/400 level

All concentrations select 9 hours from the following: ART 202; ENGL 350 or 351; FREN 205; GEOG 201; HIST 403, 404; HHP 310; PHIL 210, 304, 308; POSC 302; SOC 270, 305; SOCW 202; SPAN 205; SPAN/FREN 300-400

International Experience Abroad

Minors in Business Administration*(Designed for non-business majors)***Minor in Business Administration-Accounting-18 Hours**

BA 210, 215, 216, 308, 314, 315

Minor in Business Administration-Finance-18 Hours

BA 209, 210, 215, 216, 313, 414

Minor in Business Administration-Management-18 Hours

BA 210, 215, 301, 305, 310, 320

Minor in Business Administration-Marketing-15 Hours

BA 210, 301, 305, 335, 405

*Note: Some of these courses require MATH 101, ECON 201, and ECON 202 as prerequisites.***Minor in Political Science-15 Credit Hours**

POSC 100; 101; 204 or 210; and six hours from any 300-or 400-level political science course

Minor in International Studies-18 Hours

Core Courses: INTS 210 Introduction to International Studies; three credit hours in a language at the 300 level, or foreign language proficiency as tested by the Modern Foreign Language Department. Electives: nine credit hours from the following list of courses approved for the minor (this list may be expanded):

ART 202, 317, 320, 350; BA 460; COMM 446; ECON 310, 406, 410; ENGL 340, 350, 351, 440; FREN 205, 443, 444; HIST 421, 304, 444; PHIL 308; POSC 210, 302, 304, 410, 415; SOC 305, 445; SPAN 205.

Select A or B

- A. Field Study with an international agency in the U.S. or abroad for three credit hours
- B. Special topics course or study abroad for three credit hours

International Studies Foreign Language Concentration Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
G ED 101	3
G ED Arts	3
G ED Oral Communications	3
SPAN or FREN 101	3
Semester Total	15

Second Semester

G ED Written Communication II	3
G ED Mathematics	3
G ED Scientific Reasoning	3-4
Elective	3
SPAN or FREN 102	3
G ED Wellness	2
Semester Total	17-18

Sophomore Year

First Semester

SPAN or FREN 201	3
G ED Social Science	3
Elective	3
Elective	3
Elective towards Minor	3
Semester Total	15

Second Semester

SPAN or FREN 202	3
Elective	3
G ED Humanities	3
G ED History	3
Elective towards Minor	3
Semester Total	15

Junior Year

First Semester

Elective towards Minor	3
SPAN or FREN 305	3
SPAN or FREN 311	3
Elective	3
Study Abroad	3-6
Semester Total	15-18

Second Semester

INTS 210	3
SPAN or FREN 306	3
SPAN or FREN 312	3
G ED Natural Science	3-4
Elective towards Minor	3
Semester Total	15-16

Senior Year

First Semester

SPAN or FREN 401	3
Cognate	3
Cognate	3
Elective towards Minor	3
SPAN or FREN 307	3
Semester Total	15

Second Semester

SPAN or FREN 402	3
Cognate	3
Elective	3
Elective	3
Semester Total	12

International Studies International Business Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	SPAN or FREN 201	3
G ED 101	3	G ED Humanities.....	3
G ED Mathematics.....	3	Elective	3
G ED Oral Communications	3	BA 301	3
ECON 201.....	3	Study Abroad.....	3-6
Semester Total	15	Semester Total	15-18
Second Semester		Second Semester	
G ED Written Communication II	3	SPAN or FREN 202	3
BA 215.....	3	BA 313	3
G ED Natural Science	3-4	INTS 210	3
G ED Arts	3	ECON 410	3
Econ 202	3	BA 305	3
G ED Wellness.....	2	Semester Total	15
Semester Total	17-18		
Sophomore Year		Senior Year	
First Semester		First Semester	
SPAN or FREN 201	3	SPAN or FREN 300 level (except 306).....	3
G ED Social Science	3	BA 465	3
Elective	3	Cognate.....	3
G ED Scientific Reasoning	3-4	Elective.....	3
BA 209.....	3	Elective	3
Semester Total	15-16	Semester Total	15
Second Semester		Second Semester	
SPAN or FREN 202	3	BA 416	3
Cognate	3	BA 310	3
BA 216.....	3	Cognate.....	3
Elective	3	Elective	3
G ED History	3	Semester Total	12
Semester Total	15		

International Studies International Relations Concentration Suggested Course Sequence

Freshman Year	Junior Year
First Semester	First Semester
G ED Written Communication I 3	Cognate.....3
G ED 101 3	SPAN or FREN 300 level (except 306).....3
G ED History 3	Elective towards Concentration.....3
G ED Oral Communications 3	Cognate.....3
SPAN or FREN 101 3	Study Abroad.....3-6
Semester Total 15	Semester Total 15-18
Second Semester	Second Semester
G ED Written Communication II 3	INTS 2103
G ED Mathematics 3	Elective3
G ED Natural Science 3-4	Elective towards Concentration3
POSC 100..... 3	Elective3
SPAN or FREN 102..... 3	Elective towards Concentration3
G ED Wellness..... 2	Semester Total 15
Semester Total 17-18	
Sophomore Year	Senior Year
First Semester	First Semester
SPAN or FREN 201 3	Cognate.....3
G ED Arts 3	Elective towards Concentration3
Elective 3	Elective towards Concentration3
POSC 101..... 3	Elective3
Elective towards Concentration 3	Elective3
Semester Total 15	Semester Total 15
Second Semester	Second Semester
POSC 210..... 3	Elective towards Concentration3
G ED Scientific Reasoning 3-4	Elective towards Concentration3
G ED Humanities 3	Elective3
Elective 3	Elective3
SPAN or FREN 202..... 3	Semester Total 12
Semester Total 15-16	

International Studies Africana Studies Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	Cognate.....	3
G ED 101	3	SPAN or FREN 300 level (except 306).....	3
G ED History	3	Elective towards Concentration.....	3
G ED Oral Communications	3	Cognate.....	3
SPAN or FREN 101	3	Study Abroad.....	3-6
Semester Total	15	Semester Total	15-18
Second Semester		Second Semester	
G ED Written Communication II	3	INTS 210	3
G ED Mathematics	3	HIST 311	3
G ED Natural Science	3-4	Elective towards Concentration	3
INTS 250.....	3	Elective	3
SPAN or FREN 102.....	3	Elective towards Concentration	3
G ED Wellness.....	2	Semester Total	15
Semester Total	17-18		
Sophomore Year		Senior Year	
First Semester		First Semester	
SPAN or FREN 201	3	Cognate.....	3
G ED Arts	3	Elective towards Concentration	3
Elective	3	Elective towards Concentration	3
G ED Social Science	3	HIST 444	3
Elective towards Concentration	3	SOC 311	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
SOC 270.....	3	SOC 420	3
G ED Scientific Reasoning	3-4	Elective	3
G ED Humanities	3	Elective	3
Elective	3	SOC 312	3
SPAN or FREN 202.....	3	Semester Total	12
Semester Total	15-16		

International Studies Communications Concentration Suggested Source Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	COMM 446	3
G ED 101	3	COMM 241	3
G ED Arts	3	Elective	3
G ED Oral Communications	3	Elective	3
SPAN or FREN 101	3	Study Abroad	3-6
Semester Total	15	Semester Total	15-18
Second Semester		Second Semester	
G ED Written Communication II	3	INTS 210	3
G ED Mathematics	3	SPAN or FREN 300	3
G ED Natural Science	3-4	COMM 205	3
COMM 140	3	G ED Scientific Reasoning	3-4
SPAN or FREN 102	3	COMM 307	3
G ED Wellness	2	Semester Total	15-16
Semester Total	17-18		
Sophomore Year		Senior Year	
First Semester		First Semester	
Elective	3	COMM 400	3
G ED Social Science	3	Cognate	3
Elective	3	Cognate	3
SPAN or FREN 201	3	COMM Elective	3
COMM 162	3	COMM Elective	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
SPAN or FREN 202	3	Elective	3
Free Elective	3	Cognate	3
G ED Humanities	3	COMM Elective	3
G ED History	3	COMM Elective	3
COMM 261	3	Semester Total	12
Semester Total	15		

International Studies Course Descriptions

INTS 210 Introduction to International Studies (3 credit hours)

The course draws from history, communications, political science, sociology and literature. It focuses on ways of looking at the world, an investigation of issues that arise as we try to study the world from an international perspective. It is largely a course on who we are as individuals; how we fit into the global society as individuals, institutions, groups of peoples, communities, networks and nations; what are our most important concerns; and who defines and controls all of this.

INTS 250 Diversity in Africana Studies (3 credit hours)

This course explores the lived experiences of groups connected to the African diaspora in a complex changing world. It examines how the African presence has impacted life, culture and history in our multicultural world. While the course focuses on persons of African descent in the Americas and other parts of the world, it provides some discussion of various groups of non-African descent and how they have had to come to terms with the Africana presence. This course examines historical and contemporary issues. Students may substitute this course for G ED 200.

INTS 399 Special Topics in International Studies (3 credit hours)

Whether as a special topic course on campus, a study abroad experience, or an independent study, this course will use readings, lectures, group activities, travel and hands-on experiences that will move the student along a journey that views subject matter from a global perspective. Thus stated, the course seeks to enable a student to develop a better understanding of various areas of study, e.g. culture, identity, language, economics, communication, as seen through a global prism.

COLLEGE OF ARTS & HUMANITIES

Mission Statement

The College of Arts and Humanities defines its mission as follows: (1) to provide General Education courses which develop communication and language skills, explore the nature of creativity and the aesthetic experience, and promote awareness of international contexts; (2) to promote global awareness through curricular, co-curricular and international opportunities; (3) to contribute to the scholarship of the fine, performing and media arts, language and literature; and (4) to ensure that graduates of the College have gained an understanding and appreciation of human culture through the examination of the historical, political, philosophical and social dimensions of the human condition and mankind's perception of the world as it is expressed through the fine, performing and media arts, language and literature.

Academic Programs

Bachelor of Arts in Art

- Studio Art
- Art History

Bachelor of Arts in English

- Concentrations in Literature
- Professional Writing
- Technical Writing

Bachelor of Fine Arts in Music Performance

- Vocal
- Instrumental

Bachelor of Science in Communications

- Broadcasting
- Film
- Journalism/Writing
- Public Relations
- Theatre
- Visual Media

Education Specializations

Bachelor of Science in Education, PreK-Adult Content

Specialization Areas

- Art
- French
- Music
- Spanish
- Theater

Bachelor of Science in Education, 5-9 Content

Specialization Areas

- English

Bachelor of Science in Education, 5-Adult Content

Specialization Areas

- English
- Journalism

Master of Arts in Media Studies

- Digital Video
- Media Theory

English as a Second Language (Non-degree Program)

Honor Societies

Alpha Epsilon Rho

Alpha Epsilon Rho is the honorary society for Communications majors. Meetings are held the first and third Tuesdays of every month on the second floor of Wilson Student Union. Faculty advisors are Profs. Sherri Shafer and Kim Cobb.

Alpha Mu Gamma, National Foreign Language Honor Society

The goals of AMG are to encourage interest in the study of world languages, literatures and civilizations, to stimulate a desire for linguistic attainment and to foster sympathetic understanding of other peoples.

Alpha Psi Omega

Alpha Psi Omega is the National Honor Society in Dramatic Arts. Students interested in theatre are encouraged to become members of this organization. Faculty advisor: Professor Susan Marrash-Minnerly.

Sigma Tau Delta

Sigma Tau Delta is the International English Honor Society. Its central purpose is to confer distinction upon students of the English language and literature in undergraduate, graduate and professional studies. West Virginia State University students can become members of the University's chapter of this honors organization. Faculty advisors: Dr. Anne McConnell.

Lambda Iota Tau

Lambda Iota Tau is the National Literature Honor Society. Its purpose is to recognize and promote excellence in the study of literature of all languages. West Virginia State University students can become members of the University's chapter of this honors organization. Faculty advisors: Dr. Anne McConnell.

College Structure

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Ms. Sherri Shafer
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Student Organizations

Cercle Français

Cercle Français is a student organization that meets monthly in order to practice speaking French and learning about francophone civilizations.

The English Club

The English Club is made up of English majors, English minors and any student interested in writing and literature. The club organizes various social and academic activities and engages in service projects with the English honors societies. Faculty advisors: Dr. Anne McConnell.

La Mesa Española

La Mesa Española holds bi-monthly meetings in the cafeteria for students interested in Spanish. There are meetings for both advanced students and beginners. Noontime cultural meetings are open to all. Presentations in Spanish are given by Professor Conner. Alternating lunchtime or dinners on a bi-monthly basis at Rio Grande with instructor participation.

Motivational Organization of New Artists

MONA (Motivational Organization of New Artists) organizes, promotes, informs, supports, educates, enhances and empowers fine arts students of the Art Department of West Virginia State University. Its goals include: (1) to organize and empower the fine arts students of West Virginia State University; (2) to offer opportunities to further the education and success of fine arts students; (3) to collect and disseminate information regarding collegiate and artistic resources; and (4) to enhance and promote the image of West Virginia State University Art Department. Faculty advisor: Prof. Molly Erlandson.

Music Educators Student Organization

The National Association for Music Education Collegiate Chapter #442 prepares students for careers in the field of music education. The group participates in the annual fall and spring conferences of the West Virginia Music Educators Association. Additionally, the students of Chapter #442 support the Music Department through the sponsorship of various workshops and performances throughout the school year. Faculty advisor: Dr. Scott Woodard.

National Broadcasting Society

The National Broadcasting Society-Alpha Epsilon Rho Chapter is active on campus and in the community. NBS-AERho serves primarily Communications majors interested in broadcasting and electronic and digital media, but is open to any University student interested in media. Faculty advisor: Prof. Sherri Shafer.

Public Relations Student Society of America

The R. C. Byrd Chapter of the Public Relations Student Society of America (PRSSA) is an organization designed to help students gain exposure and experience in the field of

public relations and integrated marketing communication. It further aims to foster students' understanding of modern theories and procedures, to instill in them a professional attitude, and to encourage them to adhere to the highest ideals of the practice of public relations. It is a combination of academics, real-world work in its student-run firm, and volunteer service. Faculty advisor: Dr. T. Ford- Ahmed.

Women in Communications

West Virginia State University's student chapter of the Association for Women in Communications is a professional organization that champions the advancement of women and minorities across all communications disciplines by recognizing excellence, promoting leadership and positioning its members at the forefront of the evolving communications field. Faculty advisor: Dr. Robin Broughton.

Extracurricular Activities

Box Five Theatre Troupe

Box Five Theatre Troupe is an organization for all West Virginia State University students with a passion for theatre - whether in design, technical, costuming, makeup, publicity, acting or audience member. Box Five is proud to be a West Virginia State University Yellow Jacket S.T.I.N.G.: Student Theatre Inspiring the Next Generation. Box Five is formally associated with the Black Theatre Network and the Southeastern Theatre Conference. The group supports all West Virginia State University productions, will produce its own productions, holds fundraisers and plans trips to theatre conferences and local theatre productions. It also offers the opportunity to join Alpha Psi Omega, the national theatre honor society. Faculty advisor: Prof. Susan Marrash-Minnerly.

Kanawha Review

West Virginia State University's literary magazine is published annually and features poetry, short stories and essays written by West Virginia State University students. Faculty advisor: Dr. Rob Wallace.

Yellow Jacket

West Virginia State University's Yellow Jacket campus newspaper is a student-run bi-weekly publication. The Yellow Jacket provides news, features and editorials for its readership, which primarily consists of West Virginia State University students, faculty and staff. Faculty advisor: Dr. Ali Ziyati.

Radio Station

Campus Radio, a student-operated radio station, serves the faculty, staff, students and alumni of West Virginia State University. Student broadcasters provide play-by-play coverage of football, baseball, softball, men's and women's basketball and volleyball teams. Student shows cover modern music, oldies, gospel and new-age music.

College of Arts & Humanities

Student-produced talk shows are designed by students to engage in conversation on topics ranging from films to politics. Original programming is available on-campus at 106.7 FM. Faculty advisor: Prof. Kim Cobb.

Music Ensembles

The Music Department at West Virginia State University offers students an array of performance opportunities through a wide variety of musical ensembles. Open to both music majors and students majoring in other academic areas, these performing groups provide students a rich opportunity for musical enrichment and cultural development.

Performing ensembles include Band, Symphonic, Jazz Ensemble, Chamber Orchestra, Concert Choir, State Singers (chamber choir), Percussion Ensemble, Woodwind Ensemble and Guitar Ensemble.

Choir

West Virginia State University is a great place for students who like to sing. The Music Department has two choirs that perform twice a semester and tour regularly. Concert Choir is a large, non-auditioned choir that sings choral music from a broad spectrum of time periods and in a variety of styles, including classical, folk, jazz and pop music. State Singers is an auditioned chamber choir of ten to sixteen skilled singers who perform music well-suited for a small vocal ensemble, focusing on Renaissance music, vocal jazz and arrangements of popular music. Director: Dr. Dirk Johnson.

Band

The West Virginia State University Band Department consists of the Marching Band, Jazz Ensemble and Wind Ensemble. These musical groups are made up of students from all majors and fields of endeavor. Auditions are required for participation in the Jazz Ensemble, while participation in the Marching Band and Wind Ensemble is open to all West Virginia State University students. Director: Dr. Scott Woodard.

Orchestra

The University/Community orchestra is open to all students and meets on Tuesdays from 7-9:00 p.m. This ensemble consists of all orchestral instruments and performs works from throughout the history of Western music. Director: Dr. Scott Woodard.

Art

Mr. Joshua Martin
 Chairperson
 207 Davis Fine Arts Building
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 martinjd@wvstateu.edu

The purpose of the Department of Art is to provide the student with undergraduate competencies in the theoretical and applied forms and processes of visual art.

Catering to both fine art majors and art education majors, the Department of Art emphasizes the importance of critical thinking, problem solving and the development of self-motivation. Studio courses enable students to develop technical skills and aesthetic judgment in the fine and commercial arts.

Art history courses provide students with socio-historical knowledge and understanding of the art of the past, of Non-Western art, as well as contemporary critical art forms and issues.

Bachelor of Arts in Art

120 hours required for graduation

General Education – 35-40 Hours

Math Requirement: MATH 111

Major - 46 Hours

Art 103, 201, 203, 204, 205, 206, 207, 208, 217, 410 and 475. Six additional hours in art history from ART 202, 314, 315, 316, 317, 318, 319, 320, 350, 411, 450, 451 One course from ART 209, 214, or 252. Two courses from area of specialization: art history, ceramics, digital photography, drawing, graphic design, painting, photography or printmaking.

Cognates* - 12 Hours

Six sequential hours of the same modern foreign language, three hours of philosophy (PHIL 201) and three hours from Communications (COMM 241 or 343)

Electives

To bring total to 120 hours

Minor in Art History

15 hours
 ART 204 and 205; choose three courses from the following:
 ART 202, 314, 315, 316, 317, 318, 319, 320,
 350, 411, 450 and 451

Minor in Studio Art

15 hours
 ART 103 and 201; 204 or 205; choose one course from the following: ART 214, 217 or 252; choose one course from the following: ART 203, 206, 207, 208 and 209

*May also satisfy General Education requirements.

Certificates of Completion in Art

Certificate in Art History - 15 Hours

ART 204; 205; 9 HOURS FROM: ART 202; 316; 318; 319; 320; 350; 411; 450; 451. Special Topics courses in Art History, ART 399 or 499, may be used.

Certificate in Digital Photography - 15 Hours

ART 103; 217; 252; 352; 452

Certificate in Drawing - 15 Hours

ART 103; 201; 214; 305; 402

Certificate in Graphic Design - 15 Hours

ART 103; 217; 230; 313; 413

Certificate in Painting - 15 Hours

ART 103; 201; 203; 306; 403

Certificate in Photography - 15 Hours

ART 103; 201; 209; 310; 407

Certificate in Printmaking - 15 Hours

ART 103; 201; 206; 313; 405

RBA Areas of Emphasis in Art

Area of Emphasis in Art History
 24 hours from ART 314, 315, 317, 318, 319, 320, 411, 450, 451, 399* or 499* (*IF ART HISTORY TOPIC)

Area of Emphasis in Studio Art

24 HOURS FROM ART 301, 303, 305, 306, 310, 313, 352, 402, 403, 404, 405, 406, 407, 413, 452

Art Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	Elective	3
G ED Mathematics	3	G ED Natural Science	3-4
G ED Written Communication I	3	ART 209, 230 or 214	3
G ED Oral Communications	3	ART 206	3
ART 103	3	Elective	3
ART 100	3	Semester Total	15-16
Semester Total	18		
Second Semester		Second Semester	
G ED Social Science	3	Elective	3
G ED Written Communication II	3	PHIL 201	3
100 Level Foreign Language	3	ART 207	3
G ED Arts	3	ART 208	3
G ED International Perspectives	3	ART History Elective	3
Semester Total	15	Semester Total	15
Sophomore Year		Senior Year	
First Semester		First Semester	
ART 201	3	ART 410	3
ART 204*	3	ART History Elective	3
HIST 201* or HIST 202** or elective	3	ART Specialization	3
G ED 200	3	COMM 241 or 343	3
ART 217	3	Elective	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
G ED American Traditions	3	G ED Wellness	2
ART 205*	3	ART Specialization	3
200 Level Foreign Language	3	ART 475	1
G ED Scientific Reasoning	3-4	Elective	3
ART 203	3	Electives	3-5
Semester Total	15-16	Semester Total	12-14

*Due to their compatible content we recommend combining History 201 with Art 204, or History 202 with Art 205

**If History 201 has already been taken

Art Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

ART 100. Art Appreciation

This is a lecture/discussion/creating course that starts with objects of art in the student's environment and proceeds from the comfortable and familiar to the internationally accepted aesthetic. Periods of art history and cultures of the world will be examined. The student will be exposed to the basic concepts of art through the study of painting, sculpture, architecture, industrial art, fibers and film.

ART 101. Studio I - Introduction to Art

A combined lecture and studio course in which specific works from the past and present will be studied, analyzed and used as motivation for projects and discussion.

ART 103. Design

An introductory studio course for art majors in which the student will develop projects in two- and three-dimensional design. A prerequisite for courses in ceramics and sculpture and qualifying for all courses that stipulate ART 101 as a prerequisite.

ART 201. Drawing I

A studio course in which the student draws in several media and considers drawings as a fine art. It is designed for art students, students interested in teaching, and students who want to become more proficient in drawing and its appreciation. A prerequisite for painting, figure drawing and printmaking. Six class hours per week. Prerequisite(s): ART 101 with B or better, or ART 103 with a grade of C or better.

ART 207. Sculpture I

Additive and subtractive techniques using clay, plaster, wood, metal and stone. Six class hours per week. Prerequisite(s): ART 201 with a grade of C or better.

ART 208. Ceramics I

An introduction to using clay in hand-built forms. Proper use of studio equipment, glaze formulation and kiln firing will also be taught. Six class hours per week. Prerequisite(s): ART 101 with B or better, or ART 103 with a grade of C or better.

ART 209. Photography I

An introduction to traditional photography, how to use a 35 mm camera, develop black and white negatives, make enlargements and mount prints. Emphasis will be placed on artistic rather than purely technical consideration. Six class hours per week. Prerequisite(s): ART 101 with B or better, or ART 103 with a grade of C or better.

ART 214. Figure Drawing

A course in the study of the human figure using a variety of media; gesture, contour, foreshortening, proportions,

portraiture and individual expression. Six class hours per week. Prerequisite(s): ART 201 with a grade of C or better.

ART 217. Computer Graphics

This class is an introduction to the technical aspects addressed in a college-level computer graphics course. All artwork is designed in a digital lab using current computer software. Students will be taught computer basics such as Adobe Photoshop and Adobe Illustrator, as well as utilizing equipment such as scanners and digital cameras. An emphasis is placed on craft skills in the class. Lab instruction will be integrated with graphic design projects. There is a concentration on software understanding as well as conceptual thinking and communication. Students will be encouraged to see technology as another medium in effectively communicating their ideas and philosophies of art and communication. Emphasis will be placed on creativity and experimentation with a variety of digital media. Material will be taught to prepare them for upper-level graphic design and other art courses. Six class hours per week. Prerequisite(s): ART 101 with B or better, or ART 103 with a grade of C or better.

ART 230. Graphic Design I

This class teaches strategies and processes for developing and utilizing images with text. Knowledge of current software is essential for experimentation and advanced work in Graphic Design. The designer's relationship to agencies, clients, printers and other professionals will be introduced. Six class hours per week. Prerequisite(s): ART 217 with a grade of C or better.

ART 252. Digital Photography I

This course provides an introduction to digital photography and digital manipulation and enhancement of images. Topics include manual-mode operation of the camera, composition, camera controls, exposure and the use of state-of-the-art software to make basic image adjustments for creative use. Camera emphasis is placed on understanding and using aperture, shutter control, ISO and white balance. Prerequisite(s): ART 101 with B or better, or ART 103 with a grade of C or better.

ART 299. Special Topics in Art

This is a sophomore-level course designed for a topic of special interest, including televised courses.

ART 301. Advanced Sculpture

Further exploration of the construction of forms in wood, marble and steel. Six class hours per week. Prerequisite(s): ART 207 with a grade of C or better.

ART 303. Advanced Printmaking

The development of intaglio, etching and engraving techniques, as well as the creation of images on a metal plate in traditional and experimental manners. Use of the intaglio press. Six class hours per week. Prerequisite(s): ART 206 with a grade of C or better.

ART 306. Advanced Painting

Advanced painting is designed for students who wish to continue to devote themselves to painting as a form of expression and to develop their technical skills. This course will account for the total range of aesthetic judgment as a means to transform subject matter, communicate ideas, expressions and points of view. Six class hours per week. Prerequisite(s): ART 203 with a grade of C or better.

ART 307. Figure Painting

Painting in various media with emphasis upon individual problems toward the development of a personal style. The human figure is the basis of inspiration. Six class hours per week. Prerequisite(s): ART 203 and 214 with a grade of C or better.

ART 308. Art Education

A course to prepare prospective art education teachers in the theory and practice of teaching art. This course stresses the study of the past and present philosophies of art education and the developmental stages of youth as they relate to their art making. Laboratory projects will correlate studio skills and field experiences to classroom teaching. Completion of a 40-hour field experience in an appropriate school setting is required. Four class hours per week. Prerequisite(s): Classification as a junior, EDUC 316.

ART 310. Advanced Photography

Designed to expand upon the techniques and aesthetics dealt with in Art 209. Students will use medium format cameras, fiber base paper, toning and alternative processes. Six class hours per week. Prerequisite(s): ART 209 with a grade of C or better.

ART 312. Advanced Ceramics

In addition to strengthening techniques in hand-built construction, tile making and mixed media will be taught. Reduction, pit and raku firing will be the methods for finishing forms. Six class hours per week. Prerequisite(s): ART 208 with a grade of C or better.

ART 313. Advanced Graphic Design

Advanced work in preparation of art for reproduction in black and white, and color. Specializations in air brush, silk screen, photo silk screen, computer graphics or illustration. Six class hours per week. Prerequisite(s): ART 213.

ART 314. Renaissance, Baroque and Early 19th Century Art

A survey of art from Giotto to the Post-Impressionists.

ART 315. Modern Art

A survey of the developments in the visual arts from the mid-19th century through the present time.

ART 316. American Art

A survey of American art from the limner of Colonial days to the contemporary artists.

ART 317. African and Afro-American Art

A survey of the ancient and modern art of Africa, the art of Haiti, and works by persons of African descent in the Americas.

ART 318. American Indian Art

A survey of ancient art, modern art, and culture of the American Indian, covering pre-Columbian, historical and contemporary art.

ART 319. Appalachian Arts and Crafts

A survey of the cultural uniqueness of Appalachian art with an appreciation of the techniques and aesthetics of Appalachian arts and crafts.

ART 320. African Art

A survey of the visual arts and cultural traditions of some of the indigenous peoples of sub-Saharan Africa.

ART 350. African-American Artists

A historical, stylistic and biographical survey of African-American artists, from 1750 until the present.

ART 352. Advanced Digital Photography

This course is designed to expand upon the techniques and aesthetics dealt with in the beginning level of digital photography. You will work with one chosen topic or subject throughout the semester, and manipulate and alter imagery using the camera, controlled lighting and computer software. Having achieved a level of technical proficiency, you will critically examine cultural, political, aesthetic and ethical questions related to digital image making. Finally, you will work to develop an individual style of imagery, and progress toward a professional portfolio. Prerequisite(s): ART 252 with a grade of C or better.

ART 399. Special Topics in Art

This is a junior-level course designed for a topic of special current interest, including televised courses. Prerequisite(s): Completion of sophomore core courses and/ or consent of the instructor.

ART Advanced Studio Skills (1 to 9 credit hours)

Designed for the student who has completed two semesters in a studio discipline to encourage continued experimentation and problem solving in the selected area of concentration. Two class hours per week per credit.

ART 402. Advanced Studio Skills - Drawing

Students design their own course under a stringent set of guidelines. A professional portfolio and alternative processes are emphasized. Class may be repeated for a maximum of nine credit hours. Prerequisite(s): ART 305 with a grade of C or better.

ART 403. Advanced Studio Skills - Painting

Students design their own course under a stringent set of guidelines. A professional portfolio and alternative processes are emphasized. Class may be repeated for a maximum of nine credit hours. Prerequisite(s): ART 306 with C or better.

ART 404. Advanced Studio Skills - Ceramics

Students design their own course under a stringent set of guidelines. Exploration of a personal style in clay form will be emphasized. A related and concise body of work should result from taking this course. Class may be repeated for a maximum of 9 credit hours. Prerequisite(s): ART 312 with a grade of C or better.

ART 405. Advanced Studio Skills - Printmaking

Students design their own course under a stringent set of guidelines. Special problems, printmaking editions, a professional portfolio and alternative processes are emphasized. Class may be repeated for a maximum of nine credit hours. Prerequisite(s): ART 303 with a grade of C or better.

ART 406. Advanced Studio Skills - Sculpture

Students design their own course under a stringent set of guidelines. Special problems, a professional portfolio and alternative processes are emphasized. Class may be repeated for a maximum of nine credit hours. Prerequisite(s): ART 301 with a grade of C or better.

ART 407. Advanced Studio Skills - Photography

Students design their own course under a stringent set of guidelines. A professional portfolio, alternative processes and the use of photographs within mixed media pieces are emphasized. Class may be repeated for a maximum of nine credit hours. Prerequisite(s): ART 310 with a grade of C or better.

ART 410. Arts Management Seminar

The theory and practice of selling art, business practices, grants, proposal writing, portfolios, health considerations, taxes, bookkeeping, studio management, storage, preservation and the photographing of art. Required of all art majors as a capstone course. Prerequisite(s): Junior status or permission of the instructor.

ART 411. Art History Seminar

The impact of modern technology on the theories and practice of art, art history aesthetics and art criticism. Prerequisite(s): ENGL 102 and ART 205.

Art 413. Advanced Studio Skills - Graphic Design (1-9 Credit Hours)

Students design their own course under a stringent set of guidelines. A professional portfolio, alternative processes

and the use of graphic design with mixed media pieces are emphasized. Six class hours per week. Class may be repeated for a maximum of nine credit hours. Prerequisite(s): ART 313 with a grade of C or better.

ART 414. Teaching Art

A course to prepare prospective art teachers in the theory and practice of teaching art on the middle, junior high and high school levels. This course addresses both current trends and philosophies in the theory and practice of art education with emphasis on the secondary level. Coursework will coordinate arranged weekly seminars with 45 hours of field experience in appropriate school settings. Prerequisite(s): Classification as a senior, EDUC 316.

ART 416. Visual Arts and the Elementary Curriculum

A course designed to introduce teacher education candidates to the visual arts, its tools and media appropriate for children in elementary classrooms. The course will cover the developmental art making stages, drawing and emergent literacy, and art integration with science, math, social studies and language arts. The teacher education candidates will have the opportunity to develop and reflect on their own art making abilities through the studio format of the class. Four class hours per week. Prerequisite(s): EDUC 202,316.

ART 445. Travel (4 credit hours)

A travel-study course to provide students an opportunity to pursue an advanced studio discipline or a research study in a foreign country.

ART 450. Contemporary Artists

A survey of artists, styles, movements and ideas which have influenced the international art world during the last few decades. Contemporary critical methodologies and vocabulary of contemporary theory will be employed, and the significance of anyone's personal perspective when framing art works within ideational and socio-cultural contexts will be emphasized. Prerequisite(s): ART 205.

ART 451. Women Artists

A survey of women artists and their expressions from the Middle Ages to the contemporary art world, this course is also an exploration of the conditions and dominant ideologies which procured these women's position as outsiders in a male profession.

ART 452. Advanced Studio Skills - Digital Photography

You will design your own course under a stringent set of guidelines. In addition to producing a professional portfolio, you are required to utilize alternative processes and mixed media. The focus is the development of your digital portfolio as an artist. Prerequisite(s): ART 352 with a grade of C or better.

ART 475. Senior Exhibit (1 credit hour)

Required of all art majors during the final semester of their senior year. Allows art majors to create and present

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representative work in their major field for a formal gallery exhibition. Artist statement and slides or digital images are to be retained in the Art Department's archives. To be taken in conjunction with Advanced Studio Skills class within area of concentration. Arranged. Prerequisite(s): ART 410.

ART 499. Special Topics in Art

This is a senior-level course designed for a topic of special current interest, including televised courses.

Art Faculty

Erlandson, Molly S. (1989), Professor of Art. B.F.A. Michigan State University; M.F.A. Michigan State University, 1989. Areas of research: Ceramics, Photography.

Martin, Josh Douglas (2012), Assistant Professor and Chair of the Art Department. B.A. West Virginia State University; M.F.A., Full Sail University, 2010. Areas of research: Graphic Design.

Mazzuppappa, Ross (2015), Instructor of Art. B.F.A. Youngstown State University; M.F.A University of Iowa, 2014. Areas of research: Printmaking and Art Technologies.

Øvrebø, Reidun (1992), Professor of Art. Cand. Mag. University of Trondheim; Ph.D. Ohio University, 1993. Areas of research: Art History, Interdisciplinary Arts.

Communications

Dr. Ali Ziyati
 Chairperson
 207B Cole Complex
 aziyati@wvstateu.edu
 (304) 204-4012

Selected as one of West Virginia State University's Peaks of Excellence and awarded the distinction of being a Program of Excellence by the West Virginia Higher Education Policy Commission, the Communications program is designed to provide the undergraduate student with competencies in such areas as mass communications, digital media, web design, radio and television broadcasting, film and video production, theatre, journalism and public relations. Graduate students in the Media Studies master's program support undergraduate students as lab assistants and collaborators on projects.

Eligible majors participate in a capstone internship intended to give them the opportunity to apply theories and skills in a professional communications setting. Communications and Media Studies graduates should be able to think critically; listen with a comprehending ear; write and speak with clarity, style and a personal voice; and make connections that go beyond the classroom experience.

Graduates are employed as video artists, web page designers, animators, filmmakers, video producers, television directors, production assistants, curators, educators, sound engineers, project managers, production designers, artistic/creative directors of arts organizations, radio broadcasters, photographers, teachers and lecturers, digital imaging specialists and as creative consultants to the many industries serviced by the media arts.

Bachelor of Science in Communications

120 hours required for graduation

General Education – 35-40 Hours

Major - 34 Hours

COMM 101, 103, 140, 162, 170, 205, 241, 261, 400, 461; and 307

Math Requirement

MATH 111

Area of Emphasis - 18 Hours

Choose 18 credit hours from one option; one course must be 300 or 400 level

Journalism/Writing

COMM 195, 225, 227, 326, 340, 348, 462; ENGL 303, 304, 429

Visual Media

ART 101, 209, 217, 252, 310, 340, 348, 352, 452; COMM 227, 285, 343, 382, 446

Theatre

COMM 106, 171, 175, 270, 340, 348, 370, 470, 475; ENGL 315, 415

Broadcasting

COMM 106, 111, 262, 270, 340, 343, 348, 360, 362, 382, 462

Film

COMM 145, 175, 240, 245, 270, 340, 341, 343, 345, 348, 370, 382; ENGL 346

Public Relations

ART 217 (required), 252; COMM 105, 225, 227, 305, 340, 348, 370, 405

Restricted Electives - 9 Hours

Any three additional courses from the previous area of emphasis list.

Free Electives

To bring total to 123 hours

Minors

Communications: Broadcasting/Film - 15 Hours

COMM 101, 140; 162 or 241 or 261; 307 or 348; 145 or 240 or 245

Communications: Journalism/Public Relations - 15 Hours

COMM 101, 205; 225 or 307; 405 or 227 or 326; ENGL 429

Certificates of Completion in Communications

Broadcasting - 18 Hours

COMM 106, 162; 261; 307; 360; 462

Digital Media - 18 Hours

COMM 285; 340; 382; 461; 409; ART 217

Film - 18 Hours

COMM 140; 241; 341; 345; 348; 382

Interpersonal and Group Communications - 15 Hours

COMM 100; 106; 270; 301; 409

Theatre - 15 Hours

COMM 170; 175; 270; 370; 470

Public Relations - 18 Hours

COMM 205; 305; 307; 405; ART 217; ENGL 429

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Regents Bachelor of Arts Areas of Emphasis

Broadcasting - 15 Hours

COMM 307; 343; 360; 362; 382; 462

Film - 15 Hours

COMM 341; 343; 345; 370; 382; ENGL 346

Journalism/Writing - 15 Hours

COMM ENGL 303; 304; 326 (or COMM 326); 419;
COMM 462

Public Relations - 15 Hours

COMM 3305; 405; ART 217; BA 301; 405; ENGL 429

Communications Suggested Course Sequence

Freshman Year

First Semester

G ED 101	3
G ED Written Communication I	3
COMM 140	3
G ED Mathematics	3
G ED Wellness	2
COMM 101	3
Semester Total	17

Second Semester

G ED Written Communication II	3
G ED Oral Communications	3
COMM 103	3
COMM 170	3
COMM 446	3
Semester Total	15

Sophomore Year

First Semester

G ED Social Science	3
COMM 241	3
G ED Natural Science	3-4
COMM 205	3
COMM 162	3
Semester Total	15-16

Second Semester

COMM 307	3
COMM 261	3
G ED Scientific Reasoning	3-4
G ED History	3
Restricted Elective	3
Semester Total	15-16

Junior Year

First Semester

COMM 270 or 370	3
COMM 225	3
Restricted Elective	3
Emphasis	6
Semester Total	15

Second Semester

COMM 461	3
Restricted elective	3
Elective	3
Emphasis	3
Elective	3
Semester Total	15

Senior Year

First Semester

COMM 400	3
300 or 400 COMM Course	3
Restricted elective	3
Elective	3
Emphasis	3
Semester Total	15

Second Semester

Emphasis	3
Elective	3
Elective	3
Elective	3
Emphasis	3
Semester Total	15

Communications Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

COMM 100. Speech Communication

A practical humanistic approach to interpersonal, small group and public communications. Focus is on the communicative event and its context with special emphasis on communication principles and skills.

COMM 101. Introduction to Mass Communications

A survey course in mass communications with an emphasis on print and broadcast media and their roles, responsibilities and effects upon American society.

COMM 103. Introduction to Digital Editing

This course is designed as an introduction to digital editing. In class sessions will focus on hands-on techniques and procedures used in creating a variety of digital media formats. Students will be introduced to various editing software including Adobe and Final Cut.

COMM 105. Public Relations Lab (1 credit hour)

The Public Relations lab is designed to introduce students to the creative and technical aspects of planning and executing a PR campaign plan. Students will benefit from the experiential nature of the lab by applying skills and knowledge learned to servicing clients of Tower Communication, a student-run firm. A maximum of eight credits may be earned.

COMM 106. Voice and Diction

A study of the vocal mechanism and production to enable the student to improve the speaking voice and command of general American English.

COMM 111. Radio Laboratory (1 credit hour)

An introduction to radio station management and daily operations at a student station. Credit is earned by serving as a music format producer, the music director, promotions director, news director, production director, training assistant, sports director, or traffic director. A maximum of eight credits may be earned.

COMM 140. Film Appreciation

An introduction to the basic technical and aesthetic elements of the art of film. The class will examine the nature of cinema and its relation to our culture and our lives through analysis of its many components.

COMM 145. Horror and Fantasy Films

Survey of the history and development of the horror/ fantasy and science fiction film genres. Trends in narrative and visual elements will be studied with regard to the genre.

COMM 161. Survey of Broadcasting

Survey of the corporate, regulatory, technical, economic and audience foundations inherent in American commercial and non-commercial broadcasting. The course shall include a study of the interrelationships of these foundations and their subsequent influence on the continuing evolution of modern communications systems.

COMM 162. Television Production/Direction

The principles and methods of producing and directing for television. Students will be given the opportunity to create, produce and direct a minimum of one television program during the period of the course.

COMM 163. Television Laboratory (1 credit hour)

An introduction to television production and news casting. Credit is earned by serving as a reporter, editor, videographer, anchor, or production team member on student television productions. A maximum of eight credits may be earned.

COMM 170. The Art of the Theatre

An introduction to the art of the theatre through observed and participatory activities. The class will examine the nature of theatre and its relation to our culture and our lives through analysis of its many components, including directing, acting, dramatic literature and design. Prerequisite(s): Eligible for ENGL 101.

COMM 171. Theatre Laboratory (1 credit hour)

An introduction to technical theatre, its tools, construction methods and other phases of offstage activities. Credit is earned by working in technical areas on West Virginia State University and Charleston Stage Company productions. A maximum of eight credits may be earned.

COMM 173. American Musical Theatre

The history and nature of American musical theatre from the minstrel shows of the 19th century to the contemporary Broadway stage. Emphasis will be placed on the development of the musical comedy format, a genre which has remained America's only original contribution to world drama.

COMM 175. Design and Lighting for Stage, Film and Television

An introduction to the basic techniques of set and lighting design for the media and performing arts. Emphasis will be placed on practical application of theories through work on productions, projects and media/arts events.

COMM 195. Journalism Laboratory (1 credit hour)

Students electing this course assist in the production of the student newspaper. They are expected to attend weekly staff meetings and work a minimum of three hours per week. A maximum of eight credits may be earned.

COMM 205. Public Relations

The basic concepts of public relations and its relationship to mass communication, media, and advertising.

Prerequisite(s): ENGL 101.

COMM 225. Journalism I

A combination lecture-laboratory course which emphasizes the functions of newspapers in society, standards of good newspaper practice, newspaper layout, the principles of gathering news and the composition of various types of news stories. Students will prepare some assignments for publication in the University newspaper. Prerequisite(s): ENGL 102 or consent of instructor.

COMM 227. Copy Editing

A combination laboratory-discussion course in editing copy, writing headlines and designing pages for various types of news publications. Prerequisite(s): COMM 225 or ENGL 225.

COMM 240. Film History: The Narrative Tradition

Survey of American and continental cinema from 1900 to the present, emphasizing humanity's changing concept of self as mirrored in film. Prerequisite(s): COMM 140.

COMM 241. Filmmaking

An introduction to the fundamental concepts of single-camera media production. Students will develop their understanding of the filmmaking process by writing, photographing and editing several projects using digital video and non-linear editing systems. Prerequisite(s): COMM 140.

COMM 245. Film History: The Documentary Tradition

A survey of American and foreign documentary, ethnographic and experimental film representative of major styles, movements and directors in the development of the cinema. Prerequisite(s): COMM 140.

COMM 261. Introduction to Audio Production

The technical and individual performance aspects of professional radio and television announcing. The course emphasizes acquisition of individual competence in all phases of audio production, including voice, style, copywriting and production methods found in the radio and television broadcast station.

COMM 262. Broadcast Management and Operations

A study of radio/TV station management, operations and structure, including on-air operations, programming and local network interrelationships.

COMM 270. Principles and Theories of Acting

A study of the elements of acting, acting techniques, role analysis, group performance and improvisations.

COMM 275. Structure of the Drama

An introduction to theatrical literature from the Greeks to present.

COMM 285. Web Design and Digital Media

An introduction to the strategies and techniques of website design, development, and management for the World Wide Web/Internet, the newest, most important and pervasive mass medium. Site design and management as well as digital image production and manipulation will be studied and practiced.

COMM 299. Special Topics in Communications (1-3 credit hours)

A sophomore-level course designed for a topic of special current interest, including televised courses. Prerequisite(s): COMM 101, 170, 241 or consent of instructor. May be repeated for a maximum of six credit hours.

COMM 301. Persuasion: Principles and Practices

An advanced theoretical and applied course with emphasis on messages used in public relations, advertising and politics. The course includes critical analyses, discussion of ethics, propaganda and subliminal persuasive methods used in mass communications. Each student will be required to apply principles learned to an original work aimed at one of the mass mediums of print, radio, or TV. Prerequisite(s): COMM 100, 101 and 205.

COMM 305. Communications Research

Applied and theoretical approaches to mass media research. This course will examine the decision-making process of mass media organizations and involve students in the planning, executing and assessing of communication activities with various publics and audiences. Prerequisite(s): COMM 101 and 205.

COMM 307. Writing for the Media

This course is designed to improve student skills and techniques in writing, preparing and distributing public relations material to a variety of media networks aimed at both internal and external audiences. Prerequisite(s): ENG 102 and COMM 101.

COMM 326. Journalism II

This course is a continuation of Journalism I and is designed to provide the student practical experiences in the many areas of newspaper writing and production. Activities in the course include staff organization, the writing of news stories, editorials, drama and musical reviews, personality profiles, headlines, interviews and copy makeup.

COMM 340. New Media

Conventional mass media are rapidly converging with the Internet to create new media forms that accentuate technological advances. This course will teach students how to analyze new media and culture within a deliberative, informed context. Prerequisite(s): COMM 101.

COMM 341. Advanced Filmmaking

A series of advanced experiences with an emphasis on the directional role in the pre-production, production and post-production phases in film and video image making.

Prerequisite(s): COMM 241.

COMM 343. Animation Production

This class consists of screenings, lectures and a series of projects (ranging from flipbooks to computer graphics) that will introduce the student to animation production for film and video. The course focuses on the concepts, techniques and processes of producing an image. The course also surveys the history of the art form, international trends and recent developments in the industry. Prerequisite(s): COMM 241.

COMM 345. Film Theory, Genres and Directors

Detailed analysis of selected contemporary problems in film theory as exemplified through the study of specific film genres and/or the works of specific film directors and authors. Prerequisite(s): COMM 140.

COMM 348. Scriptwriting for Film

The procedures involved in writing scripts for the factual and for the narrative film. Students will study exemplary film in script through the several stages of the scriptwriting process. Prerequisite(s): ENGL 101 and 102.

COMM 360. Advanced Television Production/ Direction I

An advanced theoretical and applied course with emphasis on individual mastery of production and program management methods. Instructional units include: advanced field and studio video, audio, editing, lighting and graphics, program planning, budget development and pre- and post-production management. Each student will be required to produce a minimum of two original works incorporating these advanced elements. All works will be presented for public viewing and/or use. Prerequisite(s): COMM 162, 241, 261.

COMM 362. Advanced Audio Production

Principles and methods of developing, producing and directing representative types of radio programs found in American broadcasting today. The course includes audio production methods for program and non-program matter and direction of program activities. Prerequisite(s): COMM 261.

COMM 370. Principles and Theories of Theatre Direction

Choosing, analyzing and interpreting the script, producing and play directing through the preparation of scenes under rehearsal conditions. Prerequisite(s): COMM 170.

COMM 375. Theatre for Youth

This course will introduce students to the basic principles of creative dramatics for young people. Offered in conjunction with Charleston Stage Company's Summer Arts Camps, students will have the opportunity to work with young

people (K-12) in developing various theatre activities and production techniques.

COMM 382. Video Postproduction

An introduction to the theory and practice of digital video post-production. The class will consist of screenings, lectures and hands-on video projects designed to provide an overview of film and video editing history, practices and aesthetics. In-class exercises will introduce students to various software packages for editing, titling, image processing, audio processing, 2D animation and compositing and 3D animation. Prerequisite(s): COMM 140 and COMM 241.

COMM 399. Special Topics in Communications (1-3 credit hours)

A junior-level course designed for a topic of special current interest, including televised courses.

Prerequisite(s): COMM 101, 170, 241 or consent of instructor. May be repeated for a maximum of six credit hours.

COMM 400. Communications Field Experience (1-4 credit hours)

Placement of qualified B.S. degree students in radio, television, film, theatre and related media agencies with the purpose of providing supervised work experience in the student's chosen area, and a minimum of 200 hours with the approved agency for four credit hours. Students must complete internship application prior to registration. Prerequisite(s): 30 credit hours of communications courses and permission of department chair. May be repeated up to eight credits.

COMM 405. Advanced Public Relations

This course emphasizes research/analysis and planning of public relations campaigns. It is intended for students seriously considering careers in the public relations field as members of firms, staff, and/or aspiring to the role of counselor. Prerequisite(s): COMM 205.

COMM 409. Senior Project in Communications

This course is designed to provide a context in which a senior, along with the assistance of a faculty member, may develop a project based on his/her previous coursework in communications and indicative of his/her personal interest. Prerequisite(s): Senior standing (92 credit hours) with at least 18 credit hours in Communications, of which 12 credit hours must include 101, 162, 170, 241 and consent of instructor.

COMM 445. Communications Study Abroad (1-3 credit hours)

Study and travel course. An intercultural experience in travel and learning intended to provide students the opportunities to study and enjoy communication experiences abroad. Travel will include tours of various countries and media systems. Prerequisite(s): Permission of the instructor.

COMM 446. International Cinema

This course examines, from a cultural and historical perspective, a variety of international narrative film styles produced outside the Hollywood system. Many of the post-WWII major national cinemas will be explored, including those of West and East Europe, Scandinavia, Asia and some developing countries. Prerequisite(s): COMM 140.

COMM 460. Broadcast Seminar

A terminal course of the graduating senior whose concentration is in radio-television. Emphasis will be placed upon studies and research of contemporary themes and problems in American broadcasting. Prerequisite(s): COMM 111, 162, ENGL 225 or permission of instructor.

COMM 461. Media Law and Regulations

A study of the laws that guarantee and protect privileges and define the responsibilities of the mass media. Addresses issues and areas such as constitutional law, libel, privacy and governmental regulations. Prerequisite(s): COMM 101.

COMM 462. Advanced Television Production/ Direction II

A production course allowing students to make practical application of the skills learned in COMM 162, 241, 261 and 360. The focus of the course is on producing the cable program, Campus Connection. Prerequisite(s): COMM 360.

COMM 470. Advanced Theatre Studies

A co-curricular laboratory course emphasizing advanced skills and individual mastery of one of the following areas: acting, directing, or design and lighting. Prerequisite(s): COMM 170 and 270 or 370.

COMM 475. Theatre Production

An intensive co-curricular course providing for the applications of specific theatre-related skills (acting, management, publicity, scene design, stagecraft, etc.) through practical work with the college's theatre productions. A maximum of nine credits may be earned.

Communications Faculty

Boyd, Daniel N. (1983), Assistant Professor of Communications. B.A. West Virginia University; M.A. University of Arkansas, 1981. Areas of research: Scriptwriting, International Cinema.

Broughton, Robin (1991), Professor of Communications. B.S. Ohio University; M.A. Ohio University, Ph.D. Ohio University, 1999. Areas of research: Mass Media, Media Law, Media Theory and Criticism, New Media.

Cobb, Kimberly (2012), Assistant Professor of Communications. B.A. Marshall University; M.A. Marshall University, 1991. Areas of research: Radio and TV Production.

Echols, Roger (2014), Instructor of Communications. B.S. Communications West Virginia State University; M.S. Integrated Marketing Communications West Virginia University Marketing Communications, 2013. Areas of research: Marketing Communications, Filmmaking.

Ford-Ahmed, Trevella (1998), Professor of Communications. B.F.A. Art Institute of Chicago; M.A. New York University; Ph.D. Ohio University, 1995. Areas of research: Public Relations, Writing for the Media.

Gilliland, Steven A. (1986), Assistant Professor of Communications. B.A. University of Arkansas; M.A. University of Arkansas, 1981. Areas of research: Filmmaking, Animation.

Marrash-Minnerly, Susan (2001), Professor of Communications. B.A. Converse College; M.F.A. University of Virginia, 1981. Areas of research: Acting, Directing, Art of the Theatre.

Porter, Marc (1998), Professor of Communications. B.A. Indiana University; M.F.A. Columbia University; Ph.D. Indiana University, 1986. Areas of research: Film Appreciation, Filmmaking.

Ziyati, Ali (2011), Professor and Chairperson of Communications. D.I.P.L. Higher Institute of Journalism; M.A. Ohio University; Ph.D. Ohio University, 1995. Areas of research: Public Relations, Mass Communications.

English

Dr. Robert Wallace
Chairperson
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The purpose of instruction in the Department of English is to develop graduates who are proficient in analytical thinking, in critical reading of literary and non-fictional texts, and in a variety of writing modes. All graduates should be able to demonstrate their knowledge of features of language, interpretive approaches to literature in English from several periods, and the process of composing.

Courses offered by the department prepare students for reading and writing throughout the college curriculum, for communication in business and professions, for the advanced study and teaching of English, and for careers in professional writing, publishing and related fields. The Bachelor of Arts in English has a common core of courses in language, writing, literature and critical theory. Students may choose to pursue the more traditional Literature Option, which prepares them for graduate study and professional school, the Professional Writing Option, which prepares students for a variety of careers as writers, or the Technical Writing Option, which prepares them for careers as technical writers in diverse businesses and industries.

To strengthen the program and enable students to measure their own progress, student learning is assessed through portfolios of work from several stages of student development, interviews and surveys. Material collected from these sources is used to measure student progress, advise students more effectively and determine whether the curriculum allows students to achieve the competencies listed above and to meet their own objectives.

For specific requirements for a teaching field in English, see the Professional Studies catalog sections for the Bachelor of Science in Education.

Bachelor of Arts in English

120 hours required for graduation

General Education – 35-40 Hours

Math Requirement

Must take MATH 111 or higher.

Major

- Option A: Literature - 42 hours
Core Courses: ENGL 230, 250, 303, 315, 334, 401, 477
Select one from ENGL 320, 321, 350, or 351 (for students starting Fall 2006)
Select one from ENGL 316, 317, 408

Select one from ENGL 337, 338, 339, 340, 342, 343
Select five (5) additional Literature courses from 300/400 level (four (4) additional Literature courses from 300/400 level for students starting Fall 2006 or later)

- Option B: Professional Writing - 45 hours
Core Courses: ENGL 112, 204, 225, 228, 250, 303, 304, 315, 334, 477
Select one from ENGL 230, 255, 306, 401
Select one from ENGL 316, 317, 408
Select one from ENGL 337, 338, 339, 340, 342, 343
Select one from ENGL 227, 430, 431, 432
Select one from ENGL 310, 326, 429
- Option C: Technical Writing - 42 hours
Core Courses: ENGL 112, 160, 204, 228, 310, 311, 410, 412, 477; COMM 285
Select one from ENGL 250, 315, 402, 403, 405, 406, 407, 409
Select one from ENGL 316, 317, 408
Select one from ENGL 337, 338, 339, 340, 342, 343
Select one from ENGL 320, 321, 350, 351, 413, 414, 415

Cognates - 9 Hours (Option A), 15 Hours (Option B), or 18 Hours (Option C)

- Option A: Literature
Six hours in the same foreign language at the 200-level or above, excluding courses on foreign cultures taught in English. Three hours from among British, American, or World History (can be cross-listed with General Education Core).
- Option B: Professional Writing
Six hours in the same foreign language at the 200-level or above, excluding courses on foreign culture taught in English. Nine hour area study in a single discipline or a set of related disciplines, to be designed with and approved by the student's advisor (12 hour area study for those who entered before Fall 2003).
- Option C: Technical Writing
Six hours in the same foreign language at the 200-level or above, excluding courses on foreign culture taught in English. Twelve-hour area study in a single discipline or a set of related disciplines, to be designed with and approved by the student's advisor.

Electives

To bring total hours to 120

Minor in Literature - 15 Hours

ENGL 250 and 334; three courses in literature from the 300/400 level

Minor in Technical Writing - 15 Hours

ENGL 112, 160, 310, 311, and 202 or 204. (Designed for students in technical or business fields)

Minor in Writing - 15 Hours

ENGL 303; one course from ENGL 230, 255, 401; three courses from ENGL 225, 227, 304, 310, 326, 429, 430, 431

Certificates of Completion in English

Creative Writing - 15 Hours

ENGL 255; 304; 429; 6 hours from ENGL 430; 431; 432

Technical Writing - 18 Hours

ENGL 112; 160; 204; 310; 311; 410 or 412

Literary Studies - 15 Hours

ENGL 250; 334; 9 HOURS FROM ANY 300- or 400-level literature courses in the department

Diversity Literature - 18 Hours

ENGL 250; 342; 343; 347; 440; 337 or 338

World Literature - 18 Hours

ENGL 154; 250; 320; 321; 350; 351

English - Literature Option Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	ENGL 303	3
G ED Written Communication I	3	ENGL 337, 338, 339, 340, 342, or 343	3
Elective	3	HIST 201 or 202	3
Foreign Language at the 100 level**	3	G ED International Perspectives	3
G ED Oral Communication	3	Elective	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
G ED Written Communication II	3	ENGL 315	3
ENG 150*	3	Literature course, 300/400 Level	3
G ED Mathematics	3	Elective	3
G ED Scientific Reasoning	3-4	G ED Wellness	2
Foreign Language at the 100 level**	3	G ED Social Science	3
Semester Total	15-16	Elective	3
Sophomore Year		Senior Year	
First Semester		First Semester	
ENGL 250***	3	ENGL 320, 321, 350 or 351	3
G ED Arts	3	ENGL 401	3
G ED Natural Science	3-4	Literature course, 300/400 Level	3
Foreign Language at the 200 level	3	Elective	3
Elective	3	Elective	3
Semester Total	15-16	Semester Total	15
Second Semester		Second Semester	
ENGL 230	3	ENGL 334 or 342	3
ENGL 316, 317, or 408	3	ENGL 477	3
Foreign Language at the 200 level	3	Literature course, 300/400 Level	3
G ED Humanities	3	Elective	3
G ED History	3	Elective	3
Semester Total	15	Semester Total	15

*Prerequisite for all 300-400 level literature courses.

**First-year foreign language courses may count as G ED credit.

***Prerequisite for most 300-400 level literature courses.

English - Professional Writing Option Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	ENGL 225	3
G ED Written Communication I	3	ENGL 337, 338, 339, 340, 342 or 343	3
Elective	3	G ED Natural Science.....	3-4
Foreign Language at the 100 level**	3	G ED Social Science.....	3
G ED Oral Communications	3	G ED History	3
Semester Total	15	Semester Total	15-16
Second Semester		Second Semester	
G ED Written Communication II	3	ENGL 315	3
ENG 150*	3	ENGL 303	3
G ED Mathematics	3	G ED International Perspectives.....	3
Elective	3	G ED Wellness	2
Foreign Language at the 100 level**	3	Electives	3
Semester Total	15	Area study.....	3
Sophomore Year		Senior Year	
First Semester		First Semester	
ENGL 250***	3	ENGL 334 or 442	3
ENG 112	3	ENGL 304	3
ENGL 230, 255, 306, or 401	3	ENGL 227, 430, 431, or 432	3
G ED Scientific Reasoning	3-4	Area study.....	3
Foreign Language at the 200 level	3	Elective	3
Semester Total	15-16	Semester Total	15
Second Semester		Second Semester	
ENGL 204	3	ENGL 310 or 429	3
ENGL 316, 317, or 408.....	3	ENGL 477	3
G ED Arts	3	Area study.....	3
Foreign Language at the 200 level	3	Writing course	3
G ED Humanities	3	Elective	3
Semester Total	15	Semester Total	15

*Prerequisite for all 300-400 level literature courses.

**First-year foreign language courses may count as G ED credit.

***Prerequisite for most 300-400 level literature courses.

English - Technical Writing Option Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	ENGL 316, 317 or 408	3
G ED Written Communication I	3	ENGL 310 or 311	3
G ED Mathematics	3	G ED Social Science.....	3
Foreign Language at the 100 level**	3	G ED International Perspectives.....	3
G ED Oral Communications	3	Area Study	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
G ED Written Communication II	3	COMM 285	3
ENG 150*	3	ENGL 410 or 412	3
Elective	3	ENGL 337, 338, 339, 340, 342 or 343	3
Foreign Language at the 100 level**	3	Elective	3
G ED Scientific Reasoning	3	G ED Wellness	2
Semester Total	15	Area study.....	3
		Semester Total	17
Sophomore Year		Senior Year	
First Semester		First Semester	
ENGL 160.....	3	ENGL 310 or 311	3
ENG 204	3	ENGL 320, 321, 350 or 351	3
G ED Arts	3	Area Study	3
Foreign Language at the 200 level	3	G ED History	3
ENGL 250***	3	Elective	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
ENGL 112.....	3	ENGL 410 or 412	3
ENGL 228.....	3	ENGL 477	3
G ED Humanities	3	Area study.....	3
Foreign Language at the 200 level	3	Elective	3
G ED Natural Science	3-4	Elective	3
Semester Total	15-16	Semester Total	15

*Prerequisite for all 300-400 level literature courses.

**First-year foreign language courses may count as G ED credit.

***Prerequisite for most 300-400 level literature courses.

English Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

ENGL 020. Introduction to College Writing

This course is designed to help students improve their basic writing skills and to prepare them to take English 101. Major topics include drafting, revising and proofreading essays, with a focus on paragraph and sentence skills. ENGL 020 is intended for students who are not eligible for English 101 Section.

ENGL 101. English Composition I

This course emphasizes writing and reading as elements of active learning and critical thinking. Prerequisite(s): Grade of a C in a developmental writing course or eligible placement score. Must be completed within the first 60 hours of college credit.

ENGL 102. English Composition II

This course primarily focuses on the research writing process for a broad academic community. It covers basic research inquiry, use of the library with electronic and non-electronic sources and techniques of formal writing. Attention is given to argumentation and critical thinking skills. Prerequisite(s): ENGL101. Must be completed within the first 60 hours of college credit.

ENGL 112. Technical Writing

An introductory course, with emphasis on the process of preparing various technical documents (correspondence and reports) as well as methods of research, especially in the library. Prerequisite(s): ENGL101. May substitute for ENGL 102 for majors in the College of Natural Sciences and Mathematics.

ENGL 150. Introduction to Literature

A study of poetry, fiction and drama. The course stresses basic themes and formal elements found in literature. Prerequisite(s): ENGL 101 placement.

ENGL 154. Mythology and Folklore

Investigates the basic myths which permeate literature and explores their contemporary significance. Myths and folktales are the primary reading matter, but students will also read literary works which build on these basic forms of literature.

ENGL 160. Practical English Grammar and Usage

An elective course opens to all students who want to improve their writing by reviewing the rules of grammar, usage and mechanics. Systematic attention will be given to sentence construction, punctuation, spelling, vocabulary development and self-help through effective use of the dictionary. Emphasis will be placed on the use of such skills in practical, everyday communication. (Cannot be substituted for ENGL 101 or 102.)

ENGL 201. Advanced Effective Communication

Key communication skills—reading, writing, speaking and listening—practiced in a critical and reflective way. Attention is also given to research skills, communication technology and workplace language issues. Readings, discussions, written assignments and oral presentations. Prerequisite(s): ENGL 102.

ENGL 202. Writing for the Sciences

The study and application of written conventions of the sciences for academic, scientific and general audiences is the primary focus of this course. Students will study and complete a number of written exercises typical of scientists, including abstracts, laboratory reports, research reports and research proposals. Prerequisite(s): ENGL 112 or ENGL 102; previous or concurrent enrollment in at least one laboratory course.

ENGL 204. Writing for Business and Other Professions

The study and applications of formats, style and organizational patterns essential in various professions, with particular emphasis on correspondence, reports, research and audience analysis. Prerequisite(s): ENGL 102.

ENGL 225. Journalism I

A combination lecture-laboratory course which emphasizes the functions of newspapers in our society, standards of good newspaper practice, newspaper makeup, the principles of gathering news and writing various types of news stories. Students will prepare some assignments for publication in the University newspaper. Prerequisite(s): ENGL 102 or permission of the instructor.

ENGL 227. Copy Editing

A combination laboratory-discussion course in editing copy, writing headlines and designing pages for various types of news publications. Prerequisite(s): ENGL 225.

ENGL 228. Introduction to Desktop Publishing

This course will focus on the basic principles of effective document design and the tools for desktop publishing (DTP). The course will cover the basics of layout and design and how those principles are applied to various types of documents, as well as integrating rhetorical concepts, particularly the canon of delivery, with the modern technology of desktop publishing. Prerequisite(s): ART 101 and ENGL 102 or ENGL 112, with a final grade of a grade of C or higher.

ENGL 230. Introduction to General Linguistics

The fundamental principles of language and the processes by which it is acquired. Illustrations from English and from a broad spectrum of other languages, with slides, tapes and other materials. Some attention will be given to the major themes in Linguistics, such as Phonetics, Phonology, Morphology and Semantics. Prerequisite(s): ENGL 102 or permission of the instructor.

ENGL 250. Introduction to English Literature

This course focuses on the major periods in English literature and introduces students to representative works from each period. Prerequisite(s): ENGL 150.

ENGL 255. The Power of Language

This course is a survey of some of the basic uses of language with particular attention to manipulation and exploitative language. The course focuses on a number of topics or themes, each of which is allotted approximately one week of discussion/ lecture time. Topics to be explored include nonverbal communication, the history of the language and dialects, correctness in language, racial and sexual prejudices, language and advertising, language and the fine arts, language and technology, and the process of writing. Prerequisite(s): ENGL 102.

ENGL 303. Expository Writing

An advanced writing course which focuses on structure, style and point of view in contemporary non-fiction writing. Assignments involve the skills of observing, investigating, reporting, interpreting, and persuading. Examples of writing from various disciplines are analyzed. Prerequisite(s): ENGL 102.

ENGL 304. Introduction to Creative Writing

This course will stimulate the writing of poetry and fiction through various workshop techniques as well as through the reading and discussion of literature, both traditional and contemporary. Students' manuscripts will be discussed in class and in consultation with the instructor. Prerequisite(s): ENGL 101 or permission of the instructor.

ENGL 305. The Theory and Practice of Writing

Students will study the process and pedagogy of writing; write responses, evaluations and essays; and learn and apply techniques for helping writers. They will use acquired computer skills for word processing, online research, and grammar and usage programs. Prerequisite(s): ENGL 102 + 45 hours.

ENGL 306. Principles of Grammar

Introduction to the three major linguistic theories of grammar: traditional, structural and transformational. Discussion and practice of grammatical analysis in light of the three theories. Attention to how meaning is patterned and presented in language and how languages differ syntactically to convey meaning. Prerequisite(s): ENGL 102 or permission of instructor.

ENGL 310. Technical and Report Writing

A course for students who have already passed the basic technical writing course, the business English course, or have demonstrated proficiency at that level. Emphasis is on a functional approach to business and technical reports, both informal and formal, with additional concentration upon style, audience analysis, illustration of data and process, and

the writing of proposals. Prerequisite(s): ENGL 102 and 112 or permission of the instructor.

ENGL 311. Editing for Technical Writers

This course aims to prepare students comprehensively for editing tasks in technical and other professional environments by engaging students in various technical tasks including copy editing, compilation, document design and reorganization, and management and production of client projects. The course will cover methods for working in both a paper and in an electronic environment. This course assumes that the student has the foundations of technical or report writing, as taught in ENGL 112, Technical Writing and ENGL 204, Writing for Business and other Professions. Prerequisite(s): ENGL 112 or 204 or permission of the instructor.

ENGL 315. Shakespeare

A study of William Shakespeare's plays and non-dramatic verse, including a selection of tragedies, comedies, romances and history plays. This intensive course analyzes the author's context and influence, examining the evolving critical views and the canonical status of the works. Prerequisite(s): ENGL 250

ENGL 316. American Literature to 1860

A study of American literary tradition from the Colonial Period through the Civil War. Prerequisite(s): ENGL 150 and 250.

ENGL 317. American Literature, 1860-1940

A study of Realism, Naturalism and Symbolism, with emphasis on those writers who have contributed most to modern American literature. Prerequisite(s): ENGL 150 and 250.

ENGL 320. Literature of the Western World, Part I

A study of Western literature of the classical, medieval and Renaissance periods. Introduces students to great works of the European literary tradition outside the English-speaking world. (Works are read in English translation.) Prerequisite(s): ENGL 150 and 250.

ENGL 321. Literature of the Western World, Part II

A study of Western literature from the neoclassical through the modern periods. Introduces students to great works of the European literary tradition outside the English-speaking world. (Works are read in English translation.) Prerequisite(s): ENGL 150 and 250.

ENGL 322. Teaching Writing and Grammar 5- Adult

The course will evaluate writing theories, the role of grammar instruction in writing, the components of the writing process, and methods of evaluation. The course will also review the rules of grammar, usage, and punctuation with an emphasis on how to teach grammar in a classroom setting. Prerequisite(s): junior classification.

ENGL 324. *Literature for Children*

Comprehensive survey of the field, past and present, with emphasis on types and uses, including evaluation of books and the art of storytelling. Prerequisite(s): ENGL 102 and 150 or permission of the instructor.

ENGL 325. *Young Adult Literature*

A survey of literature for the young adult based on wide reading in the field. Prerequisite(s): ENGL 102 and 150 or permission of instructor.

ENGL 326. *Journalism II*

This course is a continuation of Journalism I and is designed to provide the student practical experiences in the many areas of newspaper writing and production. Activities in the course include staff organization, the writing of news stories, editorials, drama and musical reviews, personality profiles, headlines, interviews and copy makeup. Prerequisite(s): ENGL225.

ENGL 334. *Principles of Literary Criticism*

This course introduces the fundamental questions of criticism: What is literature? What is interpretation? How is literature produced and for whom? What are the effects of literature on readers? What is the value of literature? Readings will emphasize modern and contemporary critical texts. Concepts and methodologies of contemporary literary theory will be introduced. Prerequisite(s): ENGL 150 and 250.

ENGL 337. *The Black Writer in America*

Major literary works of the Black writer in America from the Colonial Period to the present. Prerequisite(s): ENGL 150.

ENGL 338. *Black Novelists in America*

Study, discussion and analysis of the major Black novels of the 20th century, with special attention to the social, economic and intellectual background of the period. Prerequisite(s): ENGL 150.

ENGL 339. *Black Poets in America*

Students in the class will study and analyze African-American poetry in its cultural and historical context. This course may be taught as a survey class or focus on specific writers, themes, and periods. Prerequisite(s): ENGL 150.

ENGL 340. *Readings in African Literature*

Comparative study and analysis of basic literary writings of Africans in Africa, the United States and the Caribbean. Prerequisite(s): ENGL 150.

ENGL 342. *Women Writers*

This course is a study of literature by women writers within the context of their times; historical periods, genres and themes may vary. Prerequisite(s): ENGL 150.

ENGL 343. *Appalachian Literature and Culture*

Through study of selected fiction and poetry by Appalachian writers, we will examine characteristics and views of Southern Appalachian culture. We will attempt to dissect some stereotypical images of the region, as well as to build understandings distinct from such stereotypes. The course will emphasize both the social background and literature of Appalachia. Prerequisite(s): ENGL 150.

ENGL 345. *Popular Literatures*

A study of the conventions of a selected literary genre (e.g., Gothic literature, science fiction, detective fiction) through reading and analysis of classic examples. The course focus will be announced each time it is offered. In addition to an overview of the definition and history of the genre, the course will examine the conventions (e.g., setting, types of characters and dramatic conflicts, acceptable resolutions) that identify this body of literature and how they compare to our expectations of high literature. Larger cultural conflicts often reflected in these works, such as Gothic literature's treatment of exotic materials related to colonialism or science fiction's reflections of anxieties about progress, will be explored. Prerequisite(s): ENGL 150.

ENGL 346. *Literature and Film*

This course will examine literary works and films based on them. Students will compare the narrative and descriptive strategies of the two media with an eye toward choices by literary writers and filmmakers and the limits of each mode of expression. The class will read a range of literature, view a film or films based on each work, and discuss the relationships between the two modes of expression and the various separate but distinct texts created over time to explore a specific narration. Readings will also include selected writings on film and narrative theory. Prerequisite(s): ENGL 150.

ENGL 347. *The Immigrant Experience in America*

Immigrant experiences in America as depicted in poetry, short stories, novels and essays. Prerequisite(s): ENGL 150.

ENGL 348. *History as Literature*

This course examines primary sources, such as essays, memoirs and other narratives of a historical period and/or theme as literature, in order to come to an understanding of how ideas, written words and experiences made specific historical events and/or transformations possible. Prerequisite(s): ENGL 150 and 250.

ENGL 350. *World Literature: Classical Era*

An exploration of the diversity of the world's literature, with emphasis on works outside the Western canon. Using a comparative approach, the course will examine issues such as cultural difference, translation across cultures, ethnocentrism, canon construction, colonization, literature and politics, and literature as a way of seeing the world. Prerequisite(s): ENGL 150.

ENGL 351. World Literature: Modern Era

An exploration of the diversity of the world's literature, with emphasis on works outside the Western canon. Using a comparative approach, the course will examine issues such as cultural difference, translation across cultures, ethnocentrism, canon construction, colonization, literature and politics, and literature as a way of seeing the world. Prerequisite(s): ENGL 150.

ENGL 360. Studies in a Major Author

This course will examine a single literary author and her or his major works. After situating the specific author in her or his literary period, the class will read a range of literature written by the specified author. (In some cases, the study of an author may be supplemented by reading other closely related authors.) Intensive study of a single author will allow the students to study historical, cultural and literary influences and to use that information to enjoy and analyze a single author's body of work and impact on readers and writers. Prerequisite(s): ENGL 150.

ENGL 390. Internship Experience

Normally taken during the junior or senior year, this is an internship experience for English majors demonstrating skills and knowledge in advanced writing principles and practices. For students with a 3.25 GPA or higher in the major and a 3.0 GPA or higher overall, emphasis will be placed on placement of qualified B.A. English majors in positions in fields such as advertising, public relations, legal or business writing and print journalism with the purpose of providing supervised work experience in the student's chosen area of interest. All students will develop, submit and present a portfolio. The course is three hours and may be repeated once for a total of six credit hours.

ENGL 399. Special Topics in English

A course designed for a topic of special current interest, including televised courses. Prerequisite(s): Literature or writing courses as determined by the professor. See current schedule.

ENGL 401. History of the English Language

The history and development of the language from Anglo-Saxon times to the present. Prerequisite(s): ENGL 102; 230 recommended.

ENGL 402. Early English Literature through the Fifteenth Century

The Old English background, selections from the works of Chaucer, medieval romance, the Arthurian matter and the ballad. Prerequisite(s): ENGL 150 and 250.

ENGL 403. The English Renaissance, 1500-1660

A literary, political and social analysis of England from 1500 through the Interregnum with an emphasis on the works of Spenser, Sidney, the Sonneteers, Donne and Milton. Prerequisite(s): ENGL 150 and 250.

ENGL 405. Literature of the Restoration and the 18th Century

A literary and social analysis of the years 1660 to 1800 in England and with particular emphasis on the Restoration Drama and the rise of the literature of irony. Prerequisite(s): ENGL 150 and 250.

ENGL 406. English Romanticism

The work of Blake, Byron, Coleridge, Keats, Wordsworth and Shelley along with an analysis of the Gothic and the sentimental in English prose and poetry and the ballad. Prerequisite(s): ENGL 150 and 250.

ENGL 407. The Victorian Period

English literature from 1832 to 1900, with emphasis on the works of Tennyson, Browning, Rossetti, Arnold, Swinburne, Carlyle, Ruskin and Mill. Prerequisite(s): ENGL 150 and 250.

ENGL 408. Contemporary American Literature

A comparative and analytical study of the major works and trends in recent American Literature. Prerequisite(s): ENGL 150 and 250.

ENGL 409. Modern British Literature

An examination of those works since 1900, which have been most influential in British Literature with an analysis of current trends in fiction, poetry and drama. Prerequisite(s): ENGL 150 and 250.

ENGL 410. Digital Literacies

This class will examine the meaning of literacy in the digital age by examining, through the lens of technical communication, various modes of composition. Through readings and online discussions, the course will explore theories of cultural convergence and how we produce and consume information. As students discover new technologies such as blogs, social media, Twitter, YouTube, wikis, podcasts and others as they emerge, they will learn how to transform theory into practical application using the various media. While students are developing these functional literacies, they will also examine the technologies critically and rhetorically, learning not only how to use a technology- why and when. Prerequisite(s): ENGL 112.

ENGL 412. Information Design

This class will teach a rhetorical approach to information design. Using the rhetorical principles of audience, purpose and context, the course will analyze the layout of documents and discuss effective layout and design. The course will include discussions of theories and principles of information design, but the course will be mainly activities-based, in which students will work on their own projects applying the knowledge acquired through readings and lecture. The course assumes that students already have a good understanding of computers. It is strongly recommended that students take ENGL 228 Introduction to Desktop Publishing,

or the equivalent, prior to enrolling in the course.
Prerequisite(s): ENGL 112.

ENGL 413. *Development of the Novel*

Traces the evolution of the novel as a literary genre from Defoe to the great Realists of the 19th century.
Prerequisite(s): ENGL 150 and 250.

ENGL 414. *The Modern Novel*

Focuses on the revolutionary experiments in style and form by novelists in the 20th century. Prerequisite(s): ENGL 150 and 250.

ENGL 415. *The Modern Drama*

Study, discussion and analysis of the modern drama from Ibsen to present. Prerequisite(s): ENGL 150 and 250.

ENGL 421. *Teaching English in Secondary School*

Background, principles and techniques of teaching English in the secondary school, emphasizing the study of literature in print and non-print forms, the study of the English language, and the study of oral and written composition. Prerequisite(s): EDUC 316, senior standing and permission of instructor.

ENGL 429. *Writing for Publication*

A course primarily for the writer of articles intended for periodicals. Emphasis is on surveying the market, topic research, style and organization, preparing the manuscript and editing proofs. Additional attention is paid to the differing requirements of local and national publications, general circulation, business, industrial or public relations magazines. Prerequisite(s): ENGL 102 or 112 or permission of the instructor.

ENGL 430. *Poetry Writing Workshop*

This course offers the student an opportunity to write poetry, to present it in a workshop format, and to receive support and feedback from a group of fellow writers. Discussions will also emphasize revision and publication possibilities. Students will be required to read traditional and contemporary poetry to nourish their own writing. Prerequisite(s): ENGL (304) or permission of instructor.

ENGL 431. *Fiction Writing Workshop*

A small seminar-type setting which allows students to share their short stories and novel excerpts in an atmosphere of constructive criticism, followed by guided revision. In addition to creating their own body of work, students will gain experience in critical reading and identifying the building blocks of creative writing. Prerequisite(s): ENGL (304) or permission of instructor.

ENGL 432. *Creative Non-Fiction Workshop*

This course is a workshop in writing nonfiction from a personal perspective. Developed with examples from experience and research and using a literary style, the form encourages writers to discover not only intellectual but

emotional and aesthetic insights. Prerequisite(s): ENGL 303 or (304) or permission of instructor.

ENGL 440. *Interpreting the Holocaust*

A study of the Holocaust - the attempted destruction of the Jews by Nazi Germany from 1939-45 - through selected writings of historic, interpretive and literary importance. This course partially fulfills the International Perspectives requirement of the General Education core curriculum. Prerequisite(s): ENGL 150 and 60 hours or permission of the instructor.

ENGL 441. *Contemporary Critical Theory*

This course engages with the contemporary critical perspectives and strategies of structuralism, post-structuralism, deconstruction, feminist theory, new historicism and postmodernism. Prerequisite(s): 75 credit hours.

ENGL 477. *Senior Seminar*

Designed as a capstone experience for seniors in the Professional Writing and Literature options, this course requires students to complete their departmental assessment portfolio, complete several short assignments, and present a major project in writing and orally. The course also provides students with information about graduate school, career choice and professional portfolios. Students are required to take the departmental assessment test and the University's graduate exit survey. A grade of a grade of C or better is required to pass/graduate. Prerequisite(s): 90 credit hours.

ENGL 499. *Special Topics in English*

A course designed for a topic of special current interest, including televised courses. Prerequisite(s): Literature or writing courses as determined by the professor. See current schedule.

English Faculty

Alderman, Timothy C. (1986), Associate Professor of English. B.A. Duquesne University; M.A. Purdue University; Ph.D. Purdue University, 1982. Areas of research: Literature, Drama, Composition.

Anderson, Karen (2002), B.A. University of Iowa, M.L.S., University of California: Los Angeles; M.A. Marshall University, 2003. Areas of research: Composition, Introductory Literature.

Barnes-Pietruszynski, Jessica (2008), Associate Professor of English. B.A. Drake University; M.A. Western Illinois University; Ph.D. Illinois State University, 2009. Areas of research: Victorian Literature.

Hartstein, Arnold M. (1975), Professor of English. B.A. Brooklyn College; M.A. The Ohio State University; Ph.D. The Ohio State University, 1981. Areas of research: 19th century Literature, Composition.

Kiddie, Thomas J., Jr. (2007), Associate Professor of English; Director, Center for Online Learning B.A. Rutgers University; M.A. Rutgers University; Ph.D. Rutgers University, 1987. Areas of research: Technical Writing, Literature, German.

Ladner, Barbara (1991), Professor of English. B.A. Rice University; M.Phil. Yale University; Ph.D. Yale University, 1987. Areas of research: Appalachian Literature.

McConnell, Anne (2007), Associate Professor of English. B.A. Illinois Wesleyan University; M.A. University of Colorado; Ph.D. University of Colorado, 2006. Areas of research: World Literature, Literary and Art Critical Theory.

Ngenge, Mbu'ulih T. (1986), Associate Professor of English. B.A. Wesleyan University; M.A. University of Nevada; Ph.D. University of Texas, 1986. Areas of research: African Literature, Composition, Introductory Literature.

Pietryszynski, Jeffrey (2005), Associate Professor of English; Director of General Education. B.A. University of Wisconsin, 1992; M.A. Eastern Illinois University, 1999; Ph.D. Illinois State University, 2006. Areas of research: Shakespeare, Renaissance Literature, Composition.

Shaw, Kent (2011), Assistant Professor of English. B.A. University of Missouri at St. Louis; M.F.A. Washington University; Ph.D. University of Houston, 2011. Areas of research: Creative Writing.

Taylor-Johnson, Carol (1996), Associate Professor of English. B.S. Langston University; M.A. The Ohio State University; Ph.D. The Ohio State University, 1986. Areas of research: African American Literature, Children's and Young Adult Literature, Composition.

Wallace, Robert (2005), Associate Professor of English. B.A. Pfeiffer College, 1987; M.F.A. University of Arkansas, 1992; Ph.D. Indiana University of Pennsylvania, 2004. Areas of research: Creative Writing, Composition, Introductory Literature.

Modern Foreign Languages

Dr. Miguel Zapata
 Chairperson
 229 Hill Hall
 mzapata@wvstateu.edu

The Department of Modern Foreign Languages offers several degree options: teaching specializations in French and Spanish from pre-kindergarten to adult levels, as well as degrees in International Studies-Foreign Language (i.e., French or Spanish). There are also two certificate options available and open to students and the community as a whole: Certificate of Proficiency in Spanish, and Certificate of Proficiency in French. There are also minors offered in French, German and Spanish. Lower-level language courses fulfill general education International Perspectives requirements.

French, German and Spanish courses and activities provide opportunities to learn about world cultures, develop communication skills, perceive connections among disciplines, compare institutions and languages, analyze literary texts, utilize technology and recognize the role of culture in shaping identities.

Placement Procedures

If students have taken two years of high school French, German, or Spanish they may take a test to receive K credit for French, German, or Spanish 101. The K credit awards three hours of credit toward graduation, but does not contribute quality points toward the GPA. A student earning K credit for French, German, or Spanish 101 is eligible to

enter French, German, or Spanish 102. The test-out exam is offered the first week of classes, and the student must enroll in the course to receive credit. Students may enroll for an advanced class once they have passed the test.

The exam schedule will be posted on the door of the Foreign Language Lab, 218 Ferrell Hall

Students who have taken three or more years of French, German, or Spanish should see Dr. Miguel Zapata in 229 Hill Hall.

Minors in Foreign Language

French - 15 Hours

FREN 101; 102; 201; 202; one from FREN 305; 311; 312

Spanish - 15 Hours

SPAN 101; 102; 201; 202; one from SPAN 305; 311; 312

Certificates of Proficiency in Foreign Language

French - 18 Hours

FREN 101; 102; 201; 202; 305; one from FREN 306; 307; 311; 312; 401; 402

Spanish - 18 Hours

SPAN 101; 102; 201; 202; 305; one from SPAN 303; 306; 307; 311; 312; 401; 402

French Education PreK-Adult Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
EDUC 200.....	3
G ED Mathematics.....	3
FREN 101	3
G ED 101	3
Semester Total	15

Second Semester

G ED Written Communication II	3
EDUC 201.....	3
FREN 102	3
G ED Scientific Reasoning	3-4
G ED Wellness.....	2
Semester Total	14-15

Sophomore Year

First Semester

EDUC 202.....	3
G ED Oral Communication.....	3
EDUC 227.....	3
FREN 201	3
G ED History	3
Semester Total	15

Second Semester

EDUC 300.....	3
EDUC 316.....	3
FREN 202	3
ENGL 150.....	3
G ED Arts	3
Semester Total	15

Junior Year

First Semester

EDUC 319	3
FREN 305.....	3
FREN 306.....	3
Elective	3
Elective	3
Semester Total	15

Second Semester

EDUC 331	3
FREN 307.....	3
FREN 311	3
FREN 407.....	3
G ED Natural Science.....	3-4
Semester Total	15-16

Senior Year

First Semester

EDUC 426	3
FREN 312.....	3
FREN 401	3
Elective	3
Semester Total	12

Second Semester

EDUC 480	15
FREN 402.....	3
Semester Total	18

Spanish Education PreK-Adult Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
EDUC 200.....	3
G ED Mathematics.....	3
SPAN 101	3
G ED 101	3
Semester Total	15

Second Semester

G ED Written Communication II	3
EDUC 201.....	3
SPAN 102	3
G ED Wellness.....	2
G ED Scientific Reasoning	3-4
Semester Total	14-15

Sophomore Year

First Semester

EDUC 202.....	3
ENGL 150.....	3
EDUC 227.....	3
SPAN 201	3
G ED History	3
Semester Total	15

Second Semester

EDUC 300.....	3
EDUC 316.....	3
SPAN 202	3
G ED Oral Communication.....	3
Elective	3
Semester Total	15

Junior Year

First Semester

EDUC 319	3
SPAN 305.....	3
SPAN 306.....	3
G ED Arts	3
Elective	3
Semester Total	15

Second Semester

EDUC 331	3
SPAN 307.....	3
SPAN 311	3
G ED Natural Science.....	3-4
SPAN 407	3
Semester Total	15-16

Senior Year

First Semester

EDUC 426	3
SPAN 312.....	3
SPAN 401	3
Elective	3
Semester Total	12

Second Semester

EDUC 480	15
SPAN 402.....	3
Semester Total	18

French or Spanish International Studies: Foreign Language Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	Elective towards minor	3
G ED Arts	3	SPAN or FREN 305	3
G ED 101	3	SPAN or FREN 311	3
G ED Oral Communication.....	3	G ED Social Science.....	3
SPAN or FREN 101	3	Study Abroad.....	3-6
Semester Total	16	Semester Total	15-18
Second Semester		Second Semester	
G ED Written Communication II	3	INTS 210	3
G ED Mathematics	3	SPAN or FREN 306	3
G ED Natural Science	3-4	SPAN or FREN 312	3
G ED Humanities	3	G ED International Perspectives.....	3
SPAN or FREN 102.....	3	Elective towards minor.....	3
G ED Wellness.....	2	Semester Total	15
Semester Total	17-18		
Sophomore Year		Senior Year	
First Semester		First Semester	
SPAN or FREN 201	3	SPAN or FREN 401	3
G ED History	3	Cognate.....	3
G ED 200	3	Cognate.....	3
Free elective	3	Elective towards minor.....	3
Elective towards minor	3	Free elective.....	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
SPAN or FREN 202	3	SPAN or FREN 402	3
Free elective	3	Cognate.....	3
G ED Scientific Reasoning	3-4	Free elective.....	3
HIST 201 or 202	3	Free elective.....	3
Elective towards minor	3	Free elective.....	3
Semester Total	15-16	Semester Total	15

Modern Foreign Languages Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

Chinese

CHIN 101. Beginning Chinese

Designed to develop basic fundamentals of communication. Introduction to Chinese culture. Reading and writing basic Chinese in Chinese pinyin.

CHIN 102. Elementary Chinese

Continuation of the communication activities of Chinese 101 and further study of Chinese customs, religions, government, society and education. Prerequisite(s): CHIN 101.

French

FREN 101. Beginning French

Designed to develop the fundamentals of communication, listening comprehension, speaking, writing and reading French. Introduction to the culture of France and Francophone areas. Language laboratory assignments should be expected.

FREN 102. Elementary French

Continuing communication activities of French 101. Special attention to developing oral proficiency. Expanded knowledge of culture of France and Francophone areas. Language laboratory assignments should be expected. Prerequisite(s): FREN 101, one year high school French, or equivalent.

FREN 201. Intermediate French I

Emphasis on reading French for comprehension, writing, vocabulary enrichment and structure. Continued development of oral proficiency. Language laboratory assignments should be expected. Prerequisite(s): FREN 102 or two years of high school French, or equivalent.

FREN 202. Intermediate French II

Continued development of functional communication skills. Further emphasis on oral proficiency. Cultural and literary readings. Language laboratory assignments should be expected. Prerequisite(s): FREN 201.

FREN 205. France: A View of Changing Culture

A study of France, a nation whose culture is linked with that of the U.S. Analysis and discussion of political, historical, economic, educational and social developments in contemporary France, and areas of French cultural influence in the Third World and America. Taught in English.

FREN 305. Oral and Written Proficiency

Intensive oral and written practice in French. Emphasis on correct intonation, articulation and pronunciation and

composition. Demonstrate proficiency requirements. Prerequisite(s): FREN 202.

FREN 306. Phonetics

Application of phonetics: intonation, pronunciation, special difficulties. Prerequisite(s): FREN 202.

FREN 307. Advanced Grammar and Composition

A systematic review and fine-tuning of grammar principles taught in context. Introduction of grammatical and stylistic subtleties. Skill development in idiomatic writing style. Some translation exercises. Written critical analyses of short specialized readings. Prerequisite(s): FREN 305 or permission of instructor.

FREN 311. French Civilization and Culture

Developing understanding and appreciation of the culture of France, history, traditions, contributions to world civilization. Prerequisite(s): FREN 202.

FREN 312. Francophone Civilization and Cultures

Developing understanding and appreciation of the history, traditions, contributions and cultures of Francophone areas of Africa, the Caribbean and Canada. Prerequisite(s): FREN 202.

FREN 399. Special Topics (1-3 credit hours)

An upper-division course designed for a topic of special current interest, including televised courses. Prerequisite(s): Permission of instructor.

FREN 401. Introduction to French Literature and Culture

Readings in prose and poetry by outstanding 17th- and 18th-century French authors. Prerequisite(s): FREN 305.

FREN 402. Advanced French Literature and Culture

Studies in 19th- and 20th-century literary development. Productions of major French and Francophone writers. Prerequisite(s): FREN 305.

FREN 407. The Teaching of Modern Foreign Languages

Current methodologies, classroom procedures, materials, technology in the teaching of foreign languages from Pre-K through adult levels. (Concurrent with SPAN 407 Teaching of Modern Foreign Languages.) Prerequisite(s): EDUC 316 and 18 hours of French.

FREN 443. West African Culture

Investigation of contemporary West African lifestyles and their social and cultural development based on the African heritage. The class will examine articles, essays, short stories, novel excerpts by modern African authors who give accurate descriptions of their own culture. Accent is on modern life and adaptation to changing conditions. (In English.) Prerequisite(s): 75 credit hours.

FREN 444. Caribbean: Crossroads of Cultures

A study of representative general Caribbean culture as presented in works (in English translation) by major writers from the area. Examination of three groups of islands reveals the impact of English, French and Spanish influence on a population of basically African heritage. The new Caribbean culture which has resulted offers a model of racial harmony and cultural pluralism. Prerequisite(s): 75 credit hours.

FREN 445. Gateway Travel (1-6 credit hours)

Study and travel seminar. Open to non-majors. Elective credit for minor and teaching field students. An intercultural experience in travel and learning designed to investigate the cultures of areas where French is spoken.

German

GERM 101. Elementary German

Beginning work in four basic skills: understanding, speaking, reading and writing. Introduction to customs and culture. Language laboratory assignments should be expected.

GERM 102. Elementary German

A continuation of GERM 101. Language laboratory assignments should be expected. Prerequisite(s): GERM 101 or equivalent.

GERM 201. Intermediate German I

Emphasis on reading and vocabulary enrichment. Additional practice in comprehension, speaking, writing and grammatical structures. Language laboratory assignments should be expected. Prerequisite(s): GERM 102 or equivalent.

GERM 202. Intermediate German II

A continuation of GERM 201. Language laboratory assignments should be expected. Prerequisite(s): GERM 201 or equivalent.

GERM 399. Special Topics

An upper division course designed for a topic of special current interest in German language studies. Prerequisite(s): Permission of the instructor.

GERM 445. Gateway Travel (1-6 credit hours)

Study and travel seminar. An intercultural experience in travel and learning designed to investigate the cultures of areas where German is spoken.

Spanish

SPAN 101. Beginning Spanish

Designed to develop the fundamentals of communication: listening comprehension, speaking, writing and reading Spanish. Introduction to the culture of Spain and Hispanic areas. Laboratory assignments should be expected and are web-based by accessing the internet site for the textbook.

SPAN 102. Elementary Spanish

Continuing communication activities of SPAN 101. Special attention to developing oral proficiency. Expanded knowledge of culture of Spain and Hispanic areas. Language laboratory assignments should be expected and are web-based by accessing the internet site for the textbook. Prerequisite(s): SPAN 101, two years of high school Spanish or equivalent.

SPAN 201. Intermediate Spanish

Emphasis on reading Spanish for comprehension, writing, vocabulary enrichment and structure. Continued development of oral proficiency. Prerequisite(s): SPAN 102, or three years of high school Spanish or equivalent. Language laboratory assignments should be expected.

SPAN 202. Intermediate Spanish II

Continued development of functional communication skills. Further emphasis on oral proficiency. Cultural and literary readings. Language laboratory assignments should be expected. Prerequisite(s): SPAN 201.

SPAN 205. Spain and its Culture

The Spanish way of life has left its imprint on many parts of the United States and all of Latin America. Spain's unique contributions in the areas of music, arts, politics, literature, customs and cuisine will be explored. Taught in English.

SPAN 303. Intensive Spanish Communication

Continued practice in the development of linguistic competence in Spanish at the intermediate level with a focus on oral and written communication in a Spanish-speaking country during a two-week immersion course. Students will live with a Spanish-speaking family, attend four hours of daily intensive Spanish classes, and participate in out-of-class cultural activities. Prerequisite(s): SPAN 201.

SPAN 305. Oral and Written Proficiency

Intensive oral and written practice in Spanish. Emphasis on correct intonation, articulation, pronunciation and composition. Demonstrate proficiency requirements. Prerequisite(s): SPAN 202.

SPAN 306. Phonetics

Application of phonetics, intonation, pronunciation, special difficulties. Prerequisite(s): SPAN 202.

SPAN 307. Advanced Grammar and Composition

A systematic review and fine-tuning of grammar principles taught in context. Introduction of grammatical and stylistic subtleties. Skill development in idiomatic writing style. Some translation exercises. Written critical analyses of short specialized readings. Prerequisite(s): SPAN 305 or permission of instructor.

SPAN 311. Spanish Civilization and Culture

Developing understanding and appreciation of the history, traditions, contributions and culture of Spain.

Prerequisite(s): SPAN 202.

SPAN 312. Hispanic Civilization and Culture

Developing understanding and appreciation of the history, traditions, contributions and cultures of Spanish-speaking areas in the new world. Prerequisite(s): SPAN 202.

SPAN 399. Special Topics (1-3 credit hours)

An upper-division course designed for a topic of special current interest, including televised courses. Prerequisite(s): permission of instructor.

SPAN 401. Spanish Literature

Readings in prose and poetry by outstanding Spanish authors. Prerequisite(s): SPAN 305.

SPAN 402. Spanish-American Literature

Readings in prose and poetry by outstanding Spanish-American authors. Prerequisite(s): SPAN 305.

SPAN 407. The Teaching of Modern Foreign Languages

Current methodologies, classroom procedures, materials, technology, in the teaching of foreign languages from Pre-K through adult levels. (Concurrent with FREN 407 Teaching of Modern Foreign Languages.) Prerequisite(s): EDUC 316 and 18 hours of Spanish.

SPAN 444. Latin America

A study of the values and lifestyles of Latin Americans in the 20th century guides the seminar in its examination of this diverse culture. Topics receiving particular attention are: family life, personal relationships, religion, political and economic structures. Taught in English. Prerequisite(s): 75 credit hours.

SPAN 445. Gateway Travel (1-6 credit hours)

Study and travel seminar. Open to non-majors. (Elective credit for minor and teaching field students.) An intercultural experience in travel and learning designed to investigate the cultures of areas where Spanish is spoken.

Modern Foreign Languages Faculty

Natsis, James (1999), Assistant Professor of Modern Foreign Languages. B.A. Ph.D., Ohio University Areas of research: International Studies.

Zapata, Miguel (2005), Associate Professor of Spanish. B.S. Universidad del Atlántico (Columbia), 1986; M.A. (Spanish) University of Arkansas, 1995; M.A. (English) University of Arkansas, 1999; Ph.D. University of Arkansas, 2002. Areas of research: Spanish language, civilization and literature.

Music

Mr. Christopher Clark
Chairperson
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The purpose of the Department of Music is to prepare and develop teachers of music on both the elementary and high school levels - teachers who are sound musicians and cultured individuals whose personalities are suited to the profession, and performers who will enrich the global community through musical offerings.

The music department offers courses in theory, history, appreciation, conducting, technology and various ensembles (including choir, band, jazz, percussion, brass and woodwind). Music majors, as well as students in other programs, have the opportunities of musical enrichment and cultural development.

The Music Education or Music Performance student must declare a music performance area (e.g., piano, voice, trumpet, and clarinet). A minimum of six public performances in student solo recitals is to be made prior to the second semester of the senior year. A student having special qualities as a performer, with the advice and consent of his instructor and the music faculty may be accorded the privilege of presenting a solo recital in the senior year. Students in Music Performance are required to perform a solo recital in both the junior and senior years.

Upon the completion of Music 211, students pursuing the music education and music performance degrees must pass the piano proficiency examination given during the sophomore or junior year. All music majors registered as full-time students are required to participate in a major ensemble consistent with their performance area every semester except the one in which they are student teaching. Attendance at specified Artist Series events, recitals, concerts, and meetings or workshops sponsored by the department is required of all music students each semester. The department suggests that courses be taken in sequence whenever possible (refer to the suggested course sequences provided in subsequent pages). Additional policies and procedures are outlined in the Department of Music Student Handbook.

Bachelor of Fine Arts in Music Performance

- Vocal
- Instrumental

General Education – 35-40 Hours

Math Requirement

Must take MATH 111 or higher.

Major – 80-85 Hours

Minor in Music - 16 Hours

MUS 115, 101, 107, 110, 191

Choose one course from MUS 150, 160, or 161

Choose one course from MUS 307 or 207

Choose one course from MUS 305, 306, 313, 314, 405

Music Education Suggested Course Sequence

Freshman Year

First Semester

G ED 101	3
MUS 101	3
MUS 110	1
MUS 115	1
MUS 150 or 160.....	1
MUS 191	1
EDUC 200.....	3
G ED Written Communication I	3
Semester Total	16

Second Semester

MUS 102.....	3
MUS 111	1
MUS 116.....	1
MUS 150 or 161.....	1
MUS 192.....	1
EDUC 201.....	3
G ED Written Communication II	3
G ED Wellness.....	2
G ED Mathematics.....	3
Semester Total	18

Sophomore Year

First Semester

MUS 123	1
MUS 150 or 160.....	1
MUS 201	3
MUS 207	3
MUS 210.....	1
MUS 215.....	1
MUS 291	1
EDUC 202.....	3
EDUC 227.....	3
Semester Total	17

Second Semester

MUS 124.....	1
MUS 150/161.....	1
MUS 202.....	3
MUS 211	1
MUS 216.....	1
MUS 292.....	1
MUS 320.....	3
ENGL 150.....	3
G ED Scientific Reasoning	3-4
Semester Total	17-18

Junior Year

First Semester

MUS 150 or 160	1
MUS 303	3
MUS 305	3
MUS 307	3
MUS 391	2
EDUC 316	3
Semester Total	15

Second Semester

MUS 150 or 161	1
MUS 304	3
MUS 306	3
MUS 392	2
EDUC 319	3
G ED Oral Communication	3
Semester Total	15

Senior Year

First Semester

MUS 150 or 160	1
MUS 313	3
MUS 405	3
EDUC 331	3
G ED History	3
MUS 491	2
Semester Total	15

Second Semester

EDUC 426	3
G ED Natural Science.....	3-4
MUS 314	3
MUS 150 or 161	1
MUS 432	2
Semester Total	12-13

Senior Year – Part II

First Semester

EDUC 480	15
Semester Total	15

Bachelor of Fine Arts in Music Performance Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	MUS 320	3
MUS 101	3	MUS 391*	2
MUS 110	1	MUS 150/160/161/199	1
MUS 115	1	MUS 303	3
MUS 150/160/161	1	G ED Scientific Reasoning	3-4
MUS 191*	1	G ED History	3
G ED Written Communication I	3	Semester Total	15-16
G ED Oral Communication	3		
MUS 130/170/199	1		
Semester Total	17		
Second Semester		Second Semester	
MUS 102	3	MUS 307 or 207	3
MUS 111	1	Vocal Dictation Elective	3
MUS 150/161	1	MUS 392*	2
MUS 192*	1	MUS 150/161/199	1
MUS 116	1	MUS 304	3
MUS 130/170/199	1	Elective	3
G ED Written Communication II	3	Semester Total	15
G ED Wellness	2		
G ED Mathematics	3		
Semester Total	16		
Sophomore Year		Senior Year	
First Semester		First Semester	
G ED International Perspectives	3	Elective	3
G ED Arts	3	Elective	3
MUS 291*	1	MUS 405	3
MUS 150/160/161	1	MUS 491*	2
MUS 201	3	MUS 150/160/161/199	1
MUS 210	1	MUS 499 Vocal Pedagogy/Instrumental Elective	3
MUS 215	1	Semester Total	15
G ED Social Science	3		
MUS 170/130/199	1		
Semester Total	17		
Second Semester		Second Semester	
MUS 292*	1	MUS 399 Senior Recital	3
MUS 150/161	1	Elective	3
MUS 202	3	MUS 150/160	1
MUS 216	1	Elective	3
G ED Natural Science	3-4	MUS 492*	2
MUS 211	1	Semester Total	12
G ED Humanities	3		
Elective	3		
MUS 130/170/199	1		
Semester Total	17-18		

*Students enrolled in Applied Music (i.e., MUS 191-492) must be enrolled in a major ensemble each semester of applied study. Students must further enroll in chamber ensembles (College Singers for vocal majors) in four semesters over the course of their studies.

Music Education Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

Music Education

MUS 105. Music Skills for Classroom Teachers

The basic principles of music theory as applied to elementary school teaching: notation, sight-singing, key signatures, meter signatures, scale resources and simple harmonic structures. Introduction of recorders and piano for simple song accompaniment. Increased emphasis will be placed on materials and procedures as applied to music teaching on the elementary school level. Projects include rote songs, part songs, rhythmic games and dances, and preparing a music resource unit. Utilization of classroom instruments such as recorder, piano, melody bells, autoharp and percussion.

MUS 207. Choral Conducting

Introduction to basic conducting techniques. Choral conducting techniques and problems: rehearsal and procedures, development of stylistic interpretation, score reading and analysis. Practical application through the media of the Concert Choir and a vocal ensemble comprised of class participants. Prerequisite(s): MUS 101. Take with MUS 150.

MUS 305. Woodwinds and Strings: Class Instruction

A study of correct tone production, technical procedures, care of the various instruments and an introduction to the appropriate literature for different grade levels.

MUS 306. Brass and Percussion Instruments: Class Instruction

A study of correct tone production, technical procedures, care of the various instruments and an introduction to the appropriate literature for different grade levels.

MUS 307. Instrumental Conducting

Study of instrumental conducting techniques and problems: rehearsal and performance procedures, baton techniques and development of musical interpretation. The practical aspects of conducting a rehearsal and performance through the media of the Marching/Concert Band and instrumental ensembles comprised of class participants. Prerequisite(s): MUS 101 and 207.

MUS 308. Electronic Music Production

The course is designed to familiarize students with the basics of electronic music. Focus is on commercial music production and the creation of pieces of radio/TV commercials, short documentary films and entertainment. Instruction in computer-based composition, sequencing, score preparation and recording through the use of the current software. Arranged lab hours are required.

Prerequisite(s): MUS 101 or 105 and CS 106 or permission of instructor.

MUS 313. Teaching Music in the Elementary and Middle Schools

Materials, techniques and procedures for teaching vocal and instrumental music in the elementary and middle schools. Familiarization with Kodaly, Dalcroze and Orff-Schulwerk approaches and utilization of classroom instruments such as recorder, piano, melody bells, autoharp, guitar and percussion. Prerequisite(s): EDUC316.

MUS 314. Teaching Music in the Middle and Secondary Schools

A unified and balanced approach to the study of music instruction at the middle and high school levels. Phases and problems of the choral and instrumental program, as well as the area of music education directed and influenced by the philosophy that music is a significant and integral part of intellectual and aesthetic growth. Prerequisite(s): EDUC 316.

MUS 320. Music Technology

This course is an introduction to music technology. Students will become proficient in hardware and software associated with music, including CAI (computer-assisted instruction), synthesizers/ samplers, composition/arranging, multi-media software and MIDI (musical instrument digital interface). The course offers the aspiring musician many useful resources that will increase the mastery of basic musicianship, inspire and assist the creative process, and save valuable time in the execution of musical as well as non-musical tasks.

Music Theory, History and Literature

MUS 101. Elementary Theory I

A beginning course in music theory that includes the comprehensive study of the components of music: notation, scales and tonality, key and modes, intervals and transposition, chords, cadences and nonharmonic tones, melodic organization, texture. The ability to read music and play an instrument or sing is required.

MUS 102. Elementary Theory II

A continuation of the development of writing and analytical skills. This course includes the study of music structures and forms, binary and ternary, through style analysis; the specific language of dominant seventh chords; other seventh chords, secondary dominant chords, altered tones and modulation. Prerequisite(s): MUS 101.

MUS 104. American Music: A Panorama

American music in the 20th century is notable in its diversity. Composers, performers and consumers are attracted to many media and many styles. This broad panorama or spectrum includes orchestral music, chamber music, jazz music, rock music, church music and varying types of folk music. The

many faces of American Music will be heard, analyzed and discussed.

MUS 107. Appreciation of Music

An introduction to music for the non-major through historical survey and the development of listening skills. The individuals in the class will be expected to understand the basic elements of music in order to develop competence in the aural analysis of music. The development of music will be examined in the light of historical events, and will be integrated with developments in the other arts, literature and the humanities.

MUS 115. Elementary Aural Theory I (1 credit hour)

Material of easy to moderately easy tonal and rhythmic content: sight singing, rhythm reading, melodic, harmonic and rhythmic dictation, interval and chord identification, chord progressions and related activities. Meets two hours weekly.

MUS 116. Elementary Aural Theory II (1 credit hour)

Material of easy to moderately easy tonal and rhythmic content: sight singing, rhythmic reading, melodic, harmonic and rhythmic dictation, interval and chord identification, chord progressions and related activities. Meets two hours weekly. Prerequisite(s): MUS 115.

MUS 201. Advanced Theory III

A continuation and expansion of the elementary theory background by focusing on musical styles from the Renaissance to the 18th century. Includes more complex chords and analysis of musical procedures found in polyphonic compositions from the Renaissance and Baroque, and procedures such as theme and variation, rondo and sonata form found in homophonic compositions from the classical era. Analytical, historical and compositional perspectives are stressed for students' added insight into performance of their own musical repertoire. Prerequisite(s): MUS 102, 116.

MUS 202. Advanced Theory IV

A continuation and expansion of MUS 201 by studying musical styles of the Romantic, Post-Romantic, Impressionistic and Contemporary eras, focusing on harmonic devices which increase dissonance and chromaticism and lead ultimately to the end of tonality. Analytical, historical and compositional perspectives continue to be stressed to increase the musical maturity and well-roundedness of the student. Prerequisite(s): MUS 201, 215.

MUS 303. History and Literature of Music I: Antiquity to Baroque

Survey of music history and literature from antiquity through the Baroque. Emphasis is placed on the origin of the theories of music, the distinct role of the church, the development of forms, and the musicians responsible for the major developments in Western musical style.

Prerequisite(s): MUS 202 and MUS 216 or permission of instructor

MUS 304. History and Literature of Music II: Classical to Modern

A continuation of the survey of music history and literature spanning the periods referred to as Classical, Romantic, Impressionistic and Modern. A study of the larger forms and genres: sonata, concerto, symphony, song cycle and opera, as they relate to their origin, historical development and performance practices. Research projects may be required in order to gain better insight into the great works of musical literature, past and present. Prerequisite(s): MUS 102, 203.

MUS 205. Jazz Improvisation and Arranging

The functions of this course will be two-fold: (1) the exploration of various procedures and techniques in rhythmic and melodic improvisation as applied to the voice and other instruments; (2) the study of chord inversions, voice leading and instrumental color in composing and arranging for the large and small jazz ensemble.

MUS 215. Advanced Aural Theory I (1 credit hour)

Material of moderate to moderately difficult tonal and rhythmic content: sight singing, rhythm reading, melodic, harmonic and rhythmic dictation, interval and chord identification, chord progressions and related activities. Meets two hours weekly. Prerequisite(s): MUS 116.

MUS 216. Advanced Aural Theory II (1 credit hour)

Material of moderately difficult to difficult tonal and rhythmic content: sight singing, rhythmic reading, melodic, harmonic and rhythmic dictation, interval and chord identification, chord progressions and related activities. Meets two hours weekly. Prerequisite(s): MUS 215.

MUS 221. Sacred Vocal-Choral Literature

An overview of music literature for the church, with particular attention given to the more accessible literature of the last several centuries. Study of both solo and ensemble works and their historical functions in the worship service. Also involves some basic aspects of choral arranging and editing for performance.

MUS 405. Orchestration and Arranging

Technical and scoring aspects of the various band and orchestra instruments, as they are employed in chamber and large ensembles. Special effects peculiar to each instrumental family will be discussed; and the special problems in transcribing from one medium to another will be analyzed. Projects will be performed by students in the class and other ensembles in the department. Prerequisite(s): MUS 202 and MUS 216, or permission of instructor.

Organizations and Ensembles

MUS 130. College Singers (1 credit hour)

Select vocal ensemble of 14-20 voices. Repertoire ranges from Renaissance madrigals through contemporary popular music, thus providing programs of great variety wherever the group appears. Three class hours. Prerequisite(s): Audition required, concurrent enrollment in a major ensemble.

MUS 150. Concert Choir (1 credit hour)

This organization offers the student the opportunity to learn concepts of ensemble singing and to study representative choral literature from all music periods. Some semesters will include work on a major choral work (cantata, oratorio, etc.). Open to all college students. Three class hours.

MUS 160. Marching Band/Fall Semester (1 credit hour)

Open to all students at the University, music majors and non-music majors alike, in the Fall Semester to enhance the football program. The band program offers the student an opportunity to perform and study music in a variety of styles for performance at all home football games and at special invitational events and parades. Students may participate by playing musical instruments. Six class hours.

MUS 161. Concert Band/Spring Semester (1 credit hour)

Open to all students at the University, music majors and non-music majors alike, in the Spring Semester. The band program offers the student an opportunity to perform and study music in a variety of styles through the medium of a large wind band, including the standard repertoire for band and popular selections of the 20th century. Six class hours.

MUS 170. Jazz Ensemble (1 credit hour)

The performance of varying jazz styles, including swing, Latin, rock, popular and other hybrid forms. An additional emphasis on stimulating creative improvisation and ensemble playing. Three class hours. Prerequisite(s): Audition required, concurrent enrollment in a major ensemble.

Applied Music

MUS 191, 192, 291, 292. Applied Music (1 credit hour)

Weekly arranged lessons with a specialist on the instrument that the student has chosen as a major or minor interest. Literature studies and performance requirements are assigned according to the degree of proficiency of the student. Prerequisite(s): Audition required.

MUS 391, 392, 491, 492. Advanced Applied Music (2 credit hours)

Weekly arranged lessons in advanced applied music for students entering their junior and senior years. Literature studies and performance requirements are assigned by the instructor with the appropriate level of difficulty for the

degree of proficiency of the student. Prerequisite(s): MUS 292.

Secondary Piano

MUS 110. Elementary Piano Class (1 credit hour)

Course designed for persons with little or no previous musical background. All major scales, simple melodies in all major keys, and simple chord structures are studied. Two class hours.

MUS 111. PIANO CLASS (1 credit hour)

A continuation of the beginning piano class, which introduces the student to minor keys and chords, use of the sostenuto pedal, rhythmic and coordination techniques. Two class hours. Prerequisite(s): MUS 110.

MUS 210. Advanced Piano Class I (2 credit hours)

Introduces the student to the piano literature in classics to moderns, harmonization and inversion of chords to fit melodies, and simple transposition procedures. Prerequisite(s): MUS 111.

MUS 211: Advanced Piano Class II

A continuation into the piano literature from classics to moderns, more advanced harmonization and chording of melodies, and more advanced procedures of transposition and modulation. Final examination is a piano proficiency examination. Prerequisite(s): MUS 210.

Secondary Voice

MUS 123. Voice Class (1 credit hour)

Basic instruction in proper vocal production, including breathing, phonation, resonance and diction; knowledge of physiology of the voice; and development of a basic repertoire. Designed for non-music and non-vocal music majors who read music. Prerequisite(s): Ability to read music.

MUS 124. Voice Class (1 credit hour)

A continuation of Music 123; further instruction in vocal techniques including expansion of range and dynamic capabilities; and expansion of repertoire. Prerequisite(s): MUS 123 or demonstrated equivalent.

Music Faculty

Christian, Scott (2013), Instructor of Music. B.M. Cleveland Institute of Music; M.M. Cleveland Institute of Music, 2002. Areas of research: Percussion, Theory.

Clark, Christopher (2012), Instructor of Music, B.F.A. Marshall University; M.M., University of Louisville, 2012. Areas of research: Jazz Studies, Composition, Woodwind Studies.

College of Arts & Humanities

Fatu, Victoria (2015), Instructor of Music. B.M.A. Moscow State Conservatory of Music; M.M.A. Moscow State University, 2008. Areas of research: Russian Music and Russian Piano School Methods.

Jenks, William (2016), Instructor of Music. B.A. Concord University, 1998. Areas of research: Marching Band, Concert Band, Instrumental Conducting and Music Education.

Johnson, Dirk (2009), Associate Professor of Music. B. Music Brigham Young University; M. Music Brigham Young University; D. Music Arts University of Cincinnati, 2009. Areas of research: Conducting, Music Education, Choir, Voice.

Vanderford, Brenda (1966), Associate Professor of Music. B.M. Oberlin College; M.M. Northwestern University, 1965.

Woodard, Scott E. (2006), Dean, College of Arts and Humanities, Associate Professor of Music. B.A., Marshall University; M.A., Marshall University; D.M.A., Boston University, 2014. Areas of research: Instrumental Conducting, Music History; Russian Music History.

Master of Arts in Media Studies

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The Master of Arts in Media Studies is an integrated, interdisciplinary program intended for students with a traditional undergraduate education and some experience in communications and digital media.

Students graduating with this degree, unique in West Virginia, are ideally suited to take advantage of the expanding job possibilities in graphic design, digital video production, interactive media and multimedia production, electronic publishing and online information services. Media Studies graduates are prepared for careers as communication experts in such venues as commerce and industry, education and entertainment, and government and the not-for-profit sector. Graduates are also prepared to continue work toward a doctoral degree. Students will graduate with design, technical and critical skills and will be well-equipped to address the many challenges faced by corporations, small businesses, government agencies, non-profit organizations and educational institutions as they venture into the digital millennium.

Admission Requirements

Students admitted to the Media Studies program must have:

- A bachelor's degree from a regionally accredited college or university
- Overall undergraduate GPA of 3.0 on a 4 point scale
- Minimum score of 950 on Graduate Record Exam (GRE)
- Three letters of recommendation addressing applicant's academic competencies
- Minimum TOEFL score of 550 for students whose native language is not English (The Test for Spoken English will also be required)
- Applicants who do not meet the above requirements may be granted conditional admission

Conditional admission may be granted during the last semester of a student's baccalaureate program. While it is preferred that applicants hold a baccalaureate degree in the humanities, the fine arts, or social sciences (preferably with some coursework in communications, film, videography, computer science, or Media Studies), applications are sought from graduates in any discipline who can demonstrate a serious and committed approach to the subject. Some undergraduate remediation may be necessary for students with minimal computer literacy and/or no previous coursework or experience in such areas as filmmaking, video production and mass media theory.

If a student in the Media Studies Program receives a final grade of C in two courses in the program (either media

courses or other courses in his/her plan of study), that student will receive a letter of warning. If a student receives a third C in such courses, he/she will be dismissed from the program. A final grade of F in a course is grounds for dismissal from the program.

Academic Warning, Probation or Dismissal
 Students may appeal final grades as described (for undergraduate students) in the University Catalog.

The Media Studies Program does not tolerate academic/professional misconduct. Unacceptable behavior includes, but is not limited to, plagiarism, cheating, vandalism, etc. Should anyone be found to have engaged in such behavior, he/she will immediately be removed from the program, and the infraction will remain on file as part of that student's permanent academic record.

Master of Arts in Media Studies

36 hours required for graduation

Foundation Core Requirements

Nine hours. MS 500 (Digital Storytelling), MS 503 (Mass Communication Theory), MS 502 (Graduate Research and Writing)

Advanced Core Requirements

Six hours. Choose 1 (one) three-hour course at the 600 level from each of the two program concentrations (Digital Media, Media Theory & Criticism)

Concentration

Nine hours. Students choose three courses in one approved area of concentration. Six hours can be independent studies/directed research or readings courses.

Electives

Three hours. Any 500- or 600-level course.

Thesis/Project Requirement

Six hours. The thesis or project requirement requires students to conduct and complete independent research that is relevant to the theoretical issues and topics covered in the M.A. program and demonstrate familiarity with, and skill in, applying appropriate research methods. Alternatively, students can choose to complete a comprehensive media project, which may, for example, be relevant to their employment (e.g. as videographers, teachers, media specialists) as well as a detailed written evaluative report demonstrating its relevance to the program.

Concentration Options:

Digital Media

Choose 3 courses from MS 510, 541, 543, 548, 560, 565, 600, 610, 630, 640, or 660.

Media Theory & Criticism

Choose three courses from MS 505, 515, 561, 635.

Media Studies Course Descriptions

MS 500. Digital Storytelling

A foundation course in the study and application of media aesthetic principles to visual media, utilizing digital imaging and manipulation technologies and software. Students will analyze and develop digital presentations containing graphics and text based on the principles of effective visual design for several screen formats. Theory will be integrated into practice through several guided projects, culminating in a major media design project published to CD, DVD and the web. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 502. Graduate Research and Writing

An entry-level graduate course designed to familiarize students with the basic tools and techniques to do acceptable graduate work. Emphasis will be given to critical methods of research, study, and writing. Required in the first year of graduate work in the Media Studies program. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 503. Mass Communications Theory

Students will learn about the structure, content, process and effects of communication, the contributions of other disciplines and barriers to effective communication. Students will explore the vibrant relationship between theory building, research and knowledge. Students will examine key theories in detail, considering their relationships with other theories and the insight they provide into human communication. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 505. Media Research

Introduction to quantitative and qualitative research procedures used in the social sciences and communications studies. Methods include experimental design, surveying, sampling, content and narrative analysis, as well as focus groups and interviewing techniques. Prerequisite(s): Admission to the Media Studies Graduate program or permission of the instructor.

MS 510. Digital Graphic Design

This course is designed to provide students with a comprehensive understanding of visual expression as a means of communicating information, and the technical skills to digitally translate information into visual communication. Emphasis is placed on the development of strong conceptual design skills, understanding the history and development of creative applications of technology, and the mastery of technical information to facilitate effective messages. Prerequisite(s): MS 500 or permission of the instructor. (*Note: Students are expected to have a working knowledge of basic design principles and to be familiar with the Mac platform.*)

MS 515. Public Relations Theory and Practice

This course will examine the application of communication, social and behavioral science theory and research techniques in the overall planning, programming, implementation, analysis and evaluation of public relations programs and campaigns. Emphasis will be placed on the identification and analysis of strategies as they are used and affect profit as well as non-profit organizations. Prerequisite(s): MS 505.

MS 541. Digital Video Production

This course will focus on narrative project conceptualization, scripting, storyboarding, production and postproduction utilizing digital video strategies, technology and software. Students, through individual projects, will apply narrative and media aesthetic principles in the production of a series of structured digital projects, culminating in a major narrative project. Prerequisite(s): MS 500 or permission of the instructor.

MS 543. Animation Production

This class consists of screenings, lectures and a series of projects that will introduce the student to animation production for film and video. The course focuses on the concepts, techniques and processes of producing an image, as well as surveying the history of the art form, international trends and recent developments in the industry. Prerequisite(s): MS 541.

MS 548. Screenwriting

This course is designed as a theoretical as well as practical approach to learning the art and craft of screenwriting. Students will study exemplary film through existing screenplays (on reserve), watch and analyze appropriate film works and find the commonalities of traditional writing styles/techniques as they relate to screenwriting while learning the specific technical aspects of writing for the screen. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 561. Media Law and Regulation

Students will learn the legal structure of radio, television, cable, satellite, Internet and other new media forms. Issues to be addressed include intellectual property laws, copyright, Internet regulations, First Amendment legislation and FCC law. Prerequisite(s): Admission to the Media Studies Graduate program or permission of the instructor.

MS 565. Producer's Seminar

A theoretical and practical study of the art and craft of the film/video producer. The student will become familiar with the role of the producer and what function he/she performs in the various visual, audio, and multimedia production formats. Lectures, readings, guest visits, and assignments will address the producer's role in feature and short narrative, documentary, commercial, industrial, educational and art film and video making. Radio (commercial and public) as well as music production will also be included.

Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 570. Theories of Visual Communication

This course is a critical, philosophical and historical exploration of images as the objects of visual communication. Broadly defined to include still and moving images, graphic design, typography and also visual phenomena such as fashion, professional and political posture and interaction, visual communication is rooted in basic principles of perception and visual interpretation. Exploring various theories about the structures and uses of visual communication, students will also investigate how the social world is constructed, represented and contested in visual discourse. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 600. 3D Design

This class is a workshop in 3D computer animation production. The class will consist of screenings, lectures and hands-on projects designed to provide an overview of the history, practices and aesthetics of computer-generated images (CGI). While the primary focus of the course is 3D computer animation; the course will also introduce students to a variety of software packages for editing, titling, image processing, audio processing, 2D animation and compositing. Prerequisite(s): MS 500.

MS 601. Critical Approaches to Media Studies

In this critical studies course, students will learn how to apply quantitative and qualitative analytical tools to mass-mediated texts as they look for embedded cultural and political meaning within our media. Students will learn critical theory and apply that theory as they deconstruct the media products they confront on a daily basis. Students will uncover embedded messages in broadcast news and advertising, print articles and advertising, film, television shows and websites. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 635. Race, Gender and Media

This course will examine and analyze the role played by the U.S. mass media (newspapers, magazines, film, radio and television) in establishing, facilitating and confronting the social constructs of race, gender and ethnicity. The primary focus of the course is on contemporary media; however, they will be examined within their historical context. Prerequisite(s): MS 501 or permission of the instructor.

MS 640. Interactive Media

This course will focus on the theory and practice of designing, recording and editing still and motion images and text in interactive/nonlinear formats. Students will read and report on pertinent theory and apply it in the production of interactive media exercises, culminating in a major digital interactive media project. Theory will be put into practice utilizing digital technology and software. Prerequisite(s): MS 500 or permission of the instructor.

MS 645. Film Theory

This course will examine various theoretical approaches to viewing, analyzing, producing and writing about film. Students will read and discuss theories about the language of film; narrative, dramatic and descriptive strategies; the representation of a reality; the medium of film - image and sound in motion; film artists; genres and conventions, especially in relation to postmodernism; the psychology of the spectator; economic and industrial factors in film production; social and ideological subtexts; and nonlinear approaches to narrative and filmmaking, such as hypertext. Readings will include a range of primary texts on film and narrative theory. In-class screenings will allow students to apply various theories to a variety of films. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 655. Film History

Motion picture films have a history of approximately 115 years. We may divide the films produced in this time-frame into three types: narrative, nonfiction - including documentary - and experimental. This course will provide an examination of exemplary films, directors, styles, genres, movements, studios, national cinemas, technologies as well as historical, cultural, economic and political contexts of the films studied. This course is designed to provide Media Studies graduate students with an adequate foundation in narrative, documentary and experimental film history, directors, styles, etc. This foundation will prepare them to successfully research, plan, and implement their theses/projects - the culmination of each one's Master's degree. Instruction and learning will be accomplished through the screening and discussion of films, and the reading and discussion of published articles and portions of books. A few selected films will be screened in class, with the majority of them screened out of class via whatever source media the students decide to access. This out-of-course access is the responsibility of the students. Prerequisite(s): MS 500, MS 501, and MS 502; or permission of the instructor and graduate program coordinator.

MS 670. Seminar in Media Studies

Areas of study not normally covered in other courses. Topics vary from semester to semester. Prerequisite(s): Permission of the instructor.

MS 695. Integrated Media Management

This course applies management principles and practices to the effective organization of different media agencies, firms and/or systems, including broadcast stations, cable systems, public relations agencies, etc. Current research and models in telecommunications administration, economic planning and control, merchandising and positioning, sales and advertising will be reviewed, as well as case studies and current problems in research, planning, operations, administration and evaluation. Prerequisite(s): Completion of 15 credits in Media Studies M.A. Program.

MS 696. Independent Study

Students may not take this class more than two times.
Prerequisite(s): Permission of the instructor.

MS 698. Media Studies Thesis I 1-3 Hours

Prerequisite(s): Permission of graduate advisor.

MS 699. Media Studies Thesis II 1-3 Hours

Prerequisite(s): Permission of graduate advisor.

Media Studies Graduate Faculty

Boyd, Daniel N. (1983), Assistant Professor of Communications. B.A. West Virginia University; M.A. University of Arkansas, 1981. Areas of research: Scriptwriting, International Cinema.

Broughton, Robin (1991), Professor of Communications. B.S. Ohio University; M.A. Ohio University, Ph.D. Ohio University, 1999. Areas of research: Mass Media, Media Law, Media Theory and Criticism, New Media.

Echols, Roger (2014), Instructor of Communications. B.S. Communications West Virginia State University; M.S. Integrated Marketing Communications West Virginia University Marketing Communications, 2013. Areas of research: Marketing Communications, Filmmaking.

Ford-Ahmed, Trevella (1998), Professor of Communications. B.F.A. Art Institute of Chicago; M.A. New York University; Ph.D. Ohio University, 1995. Areas of research: Public Relations, Writing for the Media.

Gilliland, Steven A. (1986), Assistant Professor of Communications. B.A. University of Arkansas; M.A. University of Arkansas, 1981. Areas of research: Filmmaking, Animation.

Ladner, Barbara (1991), Professor of English. B.A. Rice University; M.Phil. Yale University; Ph.D. Yale University, 1987. Areas of research: Appalachian Literature.

Øvrebø, Reidun (1992), Professor of Art. Cand. Mag. University of Trondheim; Ph.D. Ohio University, 1993. Areas of research: Art History, Interdisciplinary Arts.

Porter, Marc (1998), Professor of Communications. B.A. Indiana University; M.F.A. Columbia University; Ph.D. Indiana University, 1986. Areas of research: Film Appreciation, Filmmaking.

Woodard, Scott E. (2006), Dean, College of Arts and Humanities, Associate Professor of Music. B.A., Marshall University; M.A., Marshall University; D.M.A., Boston University, 2014. Areas of research: Instrumental Conducting, Music History; Russian Music History.

Ziyati, Ali (2011), Professor of Communications. D.I.P.L. Higher Institute of Journalism; M.A. Ohio University; Ph.D. Ohio University, 1995. Areas of research: Public Relations, Mass Communications.

Regents Bachelor of Arts

Ms. Sherri Shafer
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Non-Traditional Degree Program

The Regents Bachelor of Arts (RBA) degree is the University's non-traditional degree program intended primarily for adults. The program is of special value to those with two or more years of prior college work and those who have completed non-collegiate professional training programs.

Mission Statement

The mission of the Regents Bachelor of Arts Program (RBA) is to prepare adults to excel in the professional workplace and to meet their educational needs through innovative approaches to learning.

Program Learning Outcomes

The student will demonstrate:

1. The application of strategies to promote success by developing, reviewing and revising personal and career goals.
2. The application of critical thinking skills to solve problems in real world settings.
3. Appropriate technology skills to complete work related projects.
4. Correct written communication skills.
5. Correct oral communications skills.

Requirements for Admission to the Program

Admission to the Regents Bachelor of Arts degree is not identical with general admission to the college. It is a formal procedure requiring an interview and an application.

1. Students are not eligible for admission until four years after the date of graduation from high school.
2. Students must not have previously earned a bachelor's degree. They may not be enrolled simultaneously in this program and another baccalaureate degree program.
3. All passing grades at accredited colleges will be accepted. All grades of F received four or more years before admission to the program are disregarded.
4. Credit may be awarded for passing scores on the CLEP and other college level tests.
5. Credit may be awarded for work and life experiences that are equivalent to college level course work. (A fee of \$371 plus \$13 per credit hour will be charged for each assessment regardless of the credit awarded.) *Note: Fee is payable when a portfolio is submitted.*
6. Twenty-four semester hours must be earned in the state funded colleges and universities of West Virginia. At least three hours must be completed at West Virginia State University.

7. Continuation in the program is contingent upon a candidate's making visible progress toward the degree.
8. Candidates once terminated may be readmitted to the program, subject to all policies in effect at the time of reapplication. Under no circumstances is readmission to result in any additional waiver of failing grades.

Regents Bachelor of Arts

120 hours required for graduation.

General Education - 36 Hours

Communications 6 hours
 Humanities 6 hours
 Natural Science 6 hours
 Mathematics/Computer Science 3 hours
 Social Science 6 hours
 Electives in General Education 9 hours

Major

No major field required; student must complete 39 hours of upper division (300-400 level) courses.

Electives - 45 Hours

Regents Bachelor of Arts Areas of Emphasis

Although RBA students do not earn subject area majors, they may complete any of the minors offered throughout the University curriculum. They may also choose to complete an Area of Emphasis, a specified group of courses in a particular area (together with any required prerequisites for those courses) which is similar to a minor. Areas of Emphasis are presently offered in Art History, Studio Art, Business, Criminal Justice, American History, Journalism/Writing and Travel and Tourism. These courses require prerequisites as listed in this catalog. A minimum grade of C is required in each course in the Area of Emphasis. Additional Areas of Emphasis are under consideration.

Art History

Choose six art history courses from the following options as they are offered:

- Art 314 Renaissance, Baroque and Early 19th Century Art
- Art 315 Modern Art
- Art 317 African and Afro-American Art
- Art 318 American Indian Art
- Art 319 Appalachian Arts and Crafts
- Art 320 African Art
- Art 411 African-American Artists
- Art 450 Contemporary Artists
- Art 451 Contemporary Artists
- Art 399 Any Special Topics Art History course on the 300 level
- Art 499 Any special Topics Art History course on the 400 level

Broadcasting

- COMM 307 Writing for the Media
- COMM 343 Animation Production
- COMM 360 Advanced Television Production/Direction I
- COMM 362 Advanced Audio Production
- COMM 382 Video Postproduction
- COMM 462 Advanced Television Production/Direction II

Business

- BA 301 Organization and Management
- BA 305 Principles of Marketing
- BA 310 Human Resource Management
- BA 313 Business Finance
- Any other 300/400 level BA course for which the student has the prerequisite.

Criminal Justice

- CJ 307 Criminal Law
- CJ 308 Ethics in Criminal Justice
- CJ 313 Race, Gender and Crime
- CJ 315 Methodology
- CJ 322 Criminology
- CJ 380 Criminal Procedure

Film

- COMM 341 Advance Filmmaking
- COMM 343 Animation Production
- COMM 345 Film Theory, Genres and Directors
- COMM 370 Principles and Theories of Theatre Direction
- COMM 382 Video Postproduction
- ENGL 346 Literature and Film

Journalism/Writing

- ENGL 303 Expository Writing
- ENGL 304 Introduction to Creative Writing
- COMM/ENGL 316 Journalism
- ENGL 419 Writing for Publication
- COMM 462 Advanced TV II

Public Relations

- COMM 305 Communications Research
- COMM 405 Advanced Public Relations
- ART 217 Computer Graphics
- ENGL 429 Writing for Publication
- BA 301 Organization and Management
- BA 405 Integrated Marketing Communications

Sociology

- SOC 208 Race and Ethnic Relations in American Society
- SOC 310 Sociological Theory
- SOC 320 Sociology of Gender
- SOC 321 Sociology of Health and Medicine
- SOC 406 Social Inequality

Studio Art

Choose six studio art courses from the following options as they are offered:

- Ceramics Art 312, 404
- Drawing Art 305, 402
- Graphic Design Art 313, 413
- Painting Art 306, 403
- Photography Art 310, 407
- Printmaking Art 303, 405
- Sculpture Art 301, 406
- Digital Photography Art 352, 452

Technical Writing

- ENG 310 Technical and Report Writing
- ENG 311 Editing for Technical Writers
- ENG 410 Digital Literacies
- ENG 412 Information Design
- ENG 429 Writing for Publication
or
- COMM 307 Writing for the Media

Travel & Tourism

- HHP 360 Management of Leisure Services
- HHP 390 Customer Service and Workplace Etiquette
- HHP 395 Tourism, Conventions and Event Management
- HHP 470 Marketing in Travel and Tourism
- HHP 485 Sustainable Development

U.S. American History

- HIST 301 American Urban History
- HIST 310 The Presidency
- HIST 312 Age of Jim Crow
- HIST 403 American Diplomatic History
- HIST 416 Civil War Era

Regents Bachelor of Arts Course Descriptions

UNIV 300. RBA Portfolio Development (1 credit hour)

A detailed approach to portfolio development for the Regents Bachelor of Arts degree through the assessment of work and life experience. Students will learn to select, categorize and document various forms of personal and professional achievement and experiences. The course is required for anyone interested in pursuing the portfolio option in a specified academic content area.

UNIV 305. RBA Transitions (1 credit hour)

A course designed to prepare adult learners for the transition back into academic study. In addition to strengthening career and life goal development, students will acquire management skills, appreciate support systems, and develop a plan of study.



WEST VIRGINIA STATE
UNIVERSITY

Find *Your* Passion.

COLLEGE OF BUSINESS & SOCIAL SCIENCES

Mission

The College of Business and Social Sciences consists of two departments – the Department of Business and Economics, and the Department of Social and Behavioral Sciences which includes disciplines in History, Political Science, Psychology and Sociology/Philosophy. Each discipline is rooted in the interaction of individuals and groups with peers, with society, with governments and with businesses. Each academic area brings a historical perspective of these interactions and workings over time to help students understand our current institutions and to formulate their prospective goal for the future. As new discoveries and events impact these disciplines, they are evaluated for inclusion into the knowledge base and the pedagogy.

Mission

The College of Business and Social Sciences offers a challenging, high quality and transformational student-centered undergraduate education. The College serves a diverse community to prepare students for success in a dynamic global marketplace, primarily through teaching, research and service, while also addressing the needs of the region.

Goals

Our goal is to serve students by providing courses toward the fulfillment of their general education requirements, completion of minors, satisfaction of cognates and the final attainment of a baccalaureate degree in the various areas of study offered in our College, specifically our goals are:

- Our graduates will be able to communicate effectively
- Our graduates will be able to think critically
- Our graduates will demonstrate ethical and social responsibility
- Our graduates will demonstrate technology proficiencies
- Our graduates will demonstrate proficiency in their chosen disciplines

Core Values

- Excellence in teaching
- Continuous improvement in curriculum
- An orientation toward analytical and creative thinking
- Ethical academic and business behavior
- Commitment to professional placement of graduates
- Active participation in the broader academic community through scholarly endeavors

The College of Business and Social Sciences also serves students in the Department of Education through courses that prepare them for their teaching fields. We offer minor areas of study to students who major in other academic fields. Our Bachelor of Arts and Bachelor of Science degrees prepare students for employment in business, non-profit entities, government, social service agencies and prepares them to pursue graduate studies.

Possessing the highest degrees in their disciplines our faculty aim to provide students with a course of study that extends beyond textbook concepts to include enabling them to understand how these concepts can be applied to their lives and their communities. In addition to accreditation by our regional accrediting body, the North Central Association of Colleges and Schools, the Bachelor of Science in Business Administration and the Bachelor of Arts in Economics programs are accredited by the Accreditation Council for Business Schools and Programs.

Recognizing the traditional role of the Social Sciences to understand people and the elements of their lives, recognizing the major element of work in the lives of individuals, and recognizing the historical roots of business and the social sciences, the College of Business and Social Sciences will foster collaboration in these fields. The mechanisms for collaboration will include, but not be limited to, the following:

- Coordinating field placements in Industrial and Organizational psychology to include Management and Marketing students.
- Fostering the minors of Business Administration and of Economics among the other departments in the College.
- Fostering a connection between International Studies, Political Science, Psychology, Sociology/ Philosophy, History and Business Administration.
- Examining curricular design with modifications in cognates and general education requirements.

College Honor Societies

Alpha Kappa Delta

International Sociology Honor Society

Delta Mu Delta

International Honor Society in Business Administration

Omicron Delta Epsilon

International Honor Society in Economics

Phi Alpha Theta

International Honor Society in History

Phi Sigma Alpha

National Honor Society in Political Science

Psi Chi

National Honor Society in Psychology

College Structure

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Business & Economics

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The purpose of the Business & Economics Department is to provide a structure and environment in which the student can develop basic skills, acquire knowledge of the discipline, expand the ability to understand complex business situations, and achieve a level of overall maturity and sophistication expected of a business professional. The department is continually reevaluating its programs and activities toward the end of attracting and retaining more students in business.

Our programs focus on fundamental theories and concepts in the field of Business Administration and the tools and information skills needed for problem solving and decision making. They are designed to enable graduates to:

- Communicate effectively and articulately in written, oral and electronic form as appropriate for business functions.
- Think critically about business issues, theory and application.
- Use effective human relationship skills to work in a diverse culture and function positively in a team environment.
- Apply critical thinking skills to identify what information is needed and how to obtain this information through appropriate technology, evaluating the quality and relevance of the sources and using the information effectively and ethically.
- Evaluate business problems, gather, manipulate and interpret data, analyze alternatives, decide on most effective solution, implement solution and monitor results for continuous improvement.

Students must choose one of the five areas of concentration reflecting their particular interests: accounting, finance, management, management information systems and marketing.

West Virginia State University Business and Economics Degree programs are accredited by the international Accreditation Council for Business Schools and Programs to offer the Bachelor of Science Degree in Business Administration and Bachelor of Arts Degree in Economics.

Bachelor of Science in Business Administration

120 hours required for graduation

General Education – 35-40 Hours

Major - 54-60 Hours

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Core Courses (33 hours): BA 115, 203, 209, 210, 215, 216, 301, 305, 310, 313, 420.

Area of Concentration (select one)

- Accounting: BA 300, 308, 314, 315 or 325, 363, 364, 365, 403, 418.
- Energy Management: BA 302, 308, 318, 346, 440; PHYS 111, 350, 351
- Finance: BA 316, 414, 416, 421; ECON 308; any two courses from BA 317, 319, or 363.
- International Business: BA 320, 347, 416, 425, 460, 465; ECON 410; SPAN 201 or FREN 201, SPAN 202 or FREN 202
- Management: BA 314, 320, 346, 347, 440, 465, 475.
- Management Information Systems: BA 345, 480; CS 101, 102, 230, 240, 410
- Marketing: BA 335, 405, 424, 436; any three from BA 309, 311, 370, 411, 413, 433, or 442

Cognates - Nine hours
ECON 201, 202, and ENGL 204.

Math Requirement - MATH 120

Electives - To Bring Total to 120 Hours

Up to 12 credit hours of COOP may be used for electives.

To be eligible to graduate students must maintain a minimum of a 2.0 GPA overall and a GPA in the major (i.e., Business Administration courses) of 2.0 or better.

Certificate in Asset Management

This certificate is open to all currently enrolled undergraduate students at West Virginia State University who seek a credential in asset management. The certificate program is also open to post-baccalaureate and post-associate degree holders who wish to seek professional development or additional credentials in the area of business, specifically specialized financial knowledge of and management of real estate, investments and basic insurance.

For those who have met the prerequisites for the required courses the certificate will include the following courses: BA 313, 317, 319 and 414.

Post-Graduate Program in Accounting - 33 Hours

This program is designed to facilitate career changes and/or advancement for business and non-business baccalaureate degree holders. All coursework required in the program must carry a grade of C or better to count toward fulfillment of the requirements.

Test-out credit in required courses is not permitted, and at least 21 credits of required courses must have been completed at West Virginia State University after completion of a bachelor's degree. Based upon an undergraduate transcript evaluation, a faculty advisor may

require applicants for admission to the program to complete those cognate courses necessary for success in the required certificate courses. For those who have met the prerequisites for the required courses, the certificate program will include the following courses: BA 210, 215, 216, 308, 314, 315, 363, 364, 365, 403 and 418.

Students Wishing To Take The Certified Public Accountants (CPA) Exam

Individuals sitting for the CPA exam may be subject to additional college coursework requirements to be eligible to take the exam. Several models exist for acquiring those additional hours specified by the West Virginia Board of Accountancy. See one of the Accounting Advisors for discussion of your options and recommendations for the model that best fits your situation.

Post Graduate Energy Management Program – 18-20 Hours

This program is designed to facilitate career changes and/or advancement for baccalaureate degree holders. At least 12 credits of required courses must have been completed at West Virginia State University after completion of a bachelor's degree. Based upon an undergraduate transcript evaluation, a faculty advisor may require applicants for admission to the program to complete prerequisites for the required certificate courses. There are two options available in this program: upstream and downstream.

Upstream is commonly known as the exploration and production sector. Downstream commonly refers to the refining of petroleum crude oil and the processing and

purifying of raw natural gas, as well as the selling and distribution of natural gas and products derived from crude oil.

For those who have met the prerequisites for the required courses the upstream certificate will include the following courses: BA 302, 318 and 346; PHYS 106, 107 and 350. For those who have met the prerequisites for the required courses the downstream certificate will include the following courses: BA 302, 318 and 346; PHYS 111 and 351; one course from PHYS 106 or CHEM 100.

Minors in Business Administration

(These minors are designed for non-business majors.)

Minor in Business Administration Accounting - 18 Hours
BA 210, 215, 216, 308, 314, 315

Minor in Business Administration Finance - 18 Hours
BA 209, 210, 215, 216, 313, 414

Minor in Business Administration Management - 18 Hours
BA 210, 215, 301, 305, 310, 320

Minor in Business Administration Marketing - 15 Hours
BA 210, 301, 305, 335, 405

Note: Some of these courses require MATH 120, ECON 201, and ECON 202 as prerequisites.

Accounting Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	BA 363	3
G ED Written Communication I	3	BA 314	3
MATH 120.....	3	BA 300	3
G ED Humanities	3	BA 313	3
G ED Scientific Reasoning	3-4	G ED International Perspectives.....	3
Semester Total	15-16	Semester Total	15
Second Semester		Second Semester	
BA 115.....	3	BA 364	3
G ED Written Communication II	3	BA 315 or 325	3
G ED Social Science	3	BA 301	3
G ED Oral Communication.....	3	G ED Natural Science.....	3-4
G ED Wellness.....	2	ENGL 204	3
Semester Total	14-15	Semester Total	15-16
Sophomore Year		Senior Year	
First Semester		First Semester	
BA 209.....	3	BA 365	3
BA 210.....	3	BA 308	3
BA 215.....	3	BA 305	3
ECON 201.....	3	BA 310	3
G ED Arts	3	BA 418	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
BA 203.....	3	BA 403	3
BA 216.....	3	Free elective.....	3
Free Elective	3	BA 420	3
ECON 202.....	3	Free Elective	3
G ED History	3	Free Elective	3
Semester Total	15	Semester Total	15

Energy Management Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	BA 301	3
G ED Written Communication I	3	BA 305	3
MATH 120.....	3	BA 308	3
PHYS 106	3	BA 346	3
G ED Oral Communication	3	PHYS 350.....	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
BA 115.....	3	BA 310	3
G ED Written Communication II	3	BA 313	3
G ED Arts	3	BA 302	3
G ED Social Science	3	PHYS 351	3
PHYS 107	4	G ED History	3
Semester Total	16	Semester Total	15
Sophomore Year		Senior Year	
First Semester		First Semester	
BA 209.....	3	BA 318	3
BA 210.....	3	G ED International Perspectives.....	3
BA 215.....	3	Free Elective	3
ECON 201.....	3	Free Elective	3
PHYS 111	3	Free Elective	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
BA 203.....	3	BA 420	3
BA 216.....	3	BA 440	3
ENGL 204.....	3	G ED Wellness	2
ECON 202.....	3	Free Elective	3
G ED Humanities	3	Free Elective	3
Semester Total	15	Semester Total	14

Finance Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	BA 313	3
G ED Written Communication I	3	BA 301	3
MATH 120.....	3	BA 305	3
G ED Humanities	3	Restricted Finance Elective	3
G ED Scientific Reasoning	3-4	G ED International Perspectives.....	3
Semester Total	15-16	Semester Total	15
Second Semester		Second Semester	
BA 115.....	3	BA 416	3
G ED Written Communication II	3	Restricted Finance Elective	3
G ED Social Structures	3	ENGL 204	3
COMM 100.....	3	G ED Natural Science.....	3-4
G ED Wellness.....	2	BA 310	3
Semester Total	14	Semester Total	15-16
Sophomore Year		Senior Year	
First Semester		First Semester	
BA 209.....	3	BA 316	3
BA 210.....	3	BA 414	3
BA 215.....	3	ECON 308	3
ECON 201.....	3	Free Elective	3
G ED Arts	3	Free Elective	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
BA 203.....	3	BA 421	3
BA 216.....	3	BA 420	3
Free Elective	3	Free Elective	3
ECON 202.....	3	Free Elective	3
G ED History	3	Free Elective.....	3
Semester Total	15	Semester Total	15

International Business Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	BA 301	3
G ED Written Communication I	3	BA 305	3
MATH 120.....	3	SPAN 201 or FREN 201	3
G ED Humanities	3	ENGL 204	3
G ED Scientific Reasoning	3-4	ENGL 150	3
Semester Total	16-17	Semester Total	15
Second Semester		Second Semester	
BA 115.....	3	BA 310	3
G ED Written Communication II	3	BA 313	3
G ED Social Science	3	BA 442	3
COMM 100.....	3-4	ECON 410	3
G ED Wellness.....	2	SPAN 202 or FREN 202	3
Semester Total	14-15	Semester Total	15
Sophomore Year		Senior Year	
First Semester		First Semester	
BA 209.....	3	BA 320	3
BA 210.....	3	BA 347	3
BA 215.....	3	BA 416	3
ECON 201.....	3	G ED Arts	3
SPAN 101 or FREN 101	3	BA 460	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
BA 203.....	3	BA 465	3
BA 216.....	3	BA 420	3
SPAN 102 or FREN 102.....	3	G ED Natural Science.....	3-4
ECON 202.....	3	Free Elective	3
G ED History	3	Free Elective	3
Semester Total	15	Semester Total	15-16

Management Concentration Suggested Course Sequence

Freshman Year

First Semester

G ED 101	3
G ED Written Communication I	3
MATH 120.....	3
G ED Humanities	3
G ED Scientific Reasoning	3-4
Semester Total	15-16

Second Semester

BA 115.....	3
G ED Written Communication II	3
G ED Social Science	3
COMM 100.....	3
G ED Wellness.....	2
Semester Total	14

Sophomore Year

First Semester

BA 209.....	3
BA 210.....	3
BA 215.....	3
ECON 201.....	3
G ED Arts	3
Semester Total	15

Second Semester

BA 203.....	3
BA 216.....	3
Free Elective	3
ECON 202.....	3
G ED History	3
Semester Total	15

Junior Year

First Semester

BA 301	3
BA 305	3
BA 346	3
ENGL 204	3
G ED Natural Science.....	3-4
Semester Total	15-16

Second Semester

BA 310	3
BA 313	3
BA 314	3
BA 440	3
G ED International Perspectives.....	3
Semester Total	15

Senior Year

First Semester

BA 320	3
BA 347	3
BA 475	3
Free Elective	3
Free Elective	3
Semester Total	15

Second Semester

BA 465	3
BA 420	3
Free Elective	3
Free Elective	3
Free Elective	3
Semester Total	15

Management Information Systems Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	ENGL 150	3
G ED Written Communication I	3	BA 313	3
MATH 120.....	3	CS 102	3
G ED Humanities	3	G ED Social Science.....	3
G ED Scientific Reasoning	3-4	Free Elective	3
Semester Total	15-16	Semester Total	15
Second Semester		Second Semester	
G ED Written Communication II	3	BA 301	3
COMM 100.....	3	BA 305	3
G ED Arts	3	CS 230	3
G ED Wellness.....	2	ENGL 204	3
BA 115.....	3	G ED Natural Science.....	3-4
Semester Total	14	Semester Total	15-16
Sophomore Year		Senior Year	
First Semester		First Semester	
BA 209.....	3	BA 310	3
BA 210.....	3	BA 345	3
BA 215.....	3	CS 240	3
ECON 201.....	3	Free Elective	3
Free Elective	3	Free Elective	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
BA 203.....	3	BA 420	3
BA 216.....	3	BA 480	3
ECON 202.....	3	CS 410	3
G ED History	3	Free Elective	3
CS 101.....	3	Free Elective	3
Semester Total	15	Semester Total	15

Marketing Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	BA 305	3
G ED Written Communication I	3	BA 301	3
MATH 120.....	3	G ED Natural Science.....	3-4
G ED Humanities	3	ENGL 204	3
G ED Scientific Reasoning	3-4	G ED International Perspectives.....	3
Semester Total	15-16	Semester Total	15-16
Second Semester		Second Semester	
BA 115.....	3	BA 335	3
G ED Written Communication II.....	3	BA 405	3
G ED Social Structures	3	BA 313	3
COMM 100.....	3	BA 310	3
G ED Wellness.....	2	BA (Marketing Elective)	3
Semester Total	14	Semester Total	15
Sophomore Year		Senior Year	
First Semester		First Semester	
BA 209.....	3	BA 436	3
BA 210.....	3	BA (Marketing Elective)	3
BA 215.....	3	Free Elective	3
ECON 201.....	3	Free Elective	3
G ED Arts	3	Free Elective	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
BA 203.....	3	BA 424	3
BA 216.....	3	BA (Marketing Elective)	3
Free Elective	3	BA 420	3
ECON 202.....	3	Free Elective	3
G ED History	3	Free Elective	3
Semester Total	15	Semester Total	15

Bachelor of Applied Science

Requirements for Admission to the Program

A student must possess an Associate of Applied Science (AAS) degree from a regionally accredited institution as well as meet the general requirements for admission to West Virginia State University. Students must complete a minimum of 24 hours from West Virginia State University to be eligible for the degree.

120 hours required for graduation

AAS Degree-Minimum of 60 hours

Upper division requirement—at least 39 credit hours must be 300/400 level coursework.

General Education—42-48 hours (includes AAS General Education hours. Courses must be distributed among all the following categories.)

- Communication(s)
- Natural Science
- MATH 120
- Computer/Information Technology
- Social Science/Humanities/Fine Arts

Cognates—Nine hours

- ECON 201
- ECON 202
- ENGL 204

Core—33 hours

- BA 115
- BA 203
- BA 209
- BA 210
- BA 215
- BA 216
- BA 301
- BA 305
- BA 310
- BA 313
- BA 420

Area of Emphasis (Select one area)

Accounting: BA 300, 308, 314, 315 or 325, 363, 364, 365, 403, 418.

Energy Management: BA 302, 308, 318, 346, 440; PHYS 111, 350, 351.

Finance: BA 316, 363, 414, 416, 421, 441; ECON 308

Management: BA 314, 320, 346, 347, 440, 465, 475.

Management Information Systems: BA 345, 480; CS 101, 102, 230, 240, 410.

Marketing: BA 335, 405, 424, 436; any three from BA 309, 311, 370, 411, 413, 433, or 442.

Business Administration Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

BA 115. Business Information Skills

The course provides an introduction to the functional disciplines of Business Administration: Accounting, Finance, Management and Marketing. The course provides a survey of the disciplines and will assist a student in choosing an area of concentrated studies leading to a degree in Business Administration. The course will begin to build the skills necessary for a successful career in business.

BA 199. Special Topics (1-3 credit hours)

A freshman-level course designed for a topic of special current interest, including televised courses. Generally designed for pre-business and non-business majors. Prerequisite(s): As stated for each offering.

BA 203. Business Statistics

An introduction to various statistical measures, including central tendency, variation and skewness. Emphasis is also placed on concepts and functions of probability theory, such as the use of binomial and normal distributions. Students will use computer applications to demonstrate their understanding of various concepts. Prerequisite(s): MATH 120.

BA 209. Mathematical Analysis for Business Decisions

Mathematical concepts relevant to the application of quantitative techniques in business. Course covers the basic concepts of finite mathematics and mathematics of finance. Prerequisite(s): MATH 120.

BA 210. Business Law I

Introduction, definitions, social forces, classifications and sources of civil law. Fundamental principles of commercial law which relate to common business transactions and occurrences based upon contractual agreements. Theoretical and practical emphasis on the rights, duties, powers and privileges incident to oral and written contracts. Analysis of the essential elements of a valid and enforceable contract. Prerequisite(s): Eligible for ENGL 101. (This course fulfills the General Education requirement in American Traditions)

BA 215. First Year Accounting I

An introduction to the financial accounting cycle from analyzing economic events to financial statement preparation and use. The course also includes a basic study of the accounting for corporate assets, liabilities, and equities, as well as financial statement analyses. Prerequisite(s): ENGL 101 and MATH 120.

BA 216. First Year Accounting II

The continuation of an introduction to accounting with major emphasis on managerial accounting and decision making. The economic ideas underlying managerial

planning and decisions, accounting for the various manufacturing environments, basic budgeting, short-term decision-making, and capital allocation represent the topical coverage. Prerequisite(s): Grade C or better in BA 215.

BA 299. Special Topics (1-3 credit hours)

A sophomore-level course designed for a topic of special current interest, including televised courses. Generally designed for business majors. Prerequisite(s): As stated for each offering.

BA 300. Statistical Sampling

Explores various types of sampling methods, including simple random, stratified random, cluster and systematic, with emphasis on estimating means and proportions and determination of sample size. Many of the topics discussed will involve computer applications. Prerequisite(s): BA 203.

BA 301 Organization and Management

This course is an introduction to the management functions performed in business organizations. It focuses on the theory and fundamental concepts of management including planning, organization, leadership and control. An in-depth review of the evolution of management thought, purpose and practice will be undertaken in the context of current market approaches and emerging theoretical concepts. Prerequisite(s): BA 115 and ENGL 102. (This course fulfills the General Education 200 requirement in the Interdisciplinary Matrix).

BA 302. Oil and Gas Accounting

An introduction to basic oil and gas accounting. Topics include financial accounting, reporting and auditing issues in the upstream, midstream, marketing and trading, downstream and oilfield services sectors of the energy industry. Prerequisite(s): BA 216 with a grade of C or higher.

BA 304. Statistical Analysis

An exploration of various analytical procedures, including hypothesis testing, t-tests, chi-square, ANOVA, correlation, regression and selected non-parametric statistics. Many of the topics discussed will involve computer applications. Prerequisite(s): BA 203.

BA 305. Principles of Marketing

Study of the tasks involved in the marketing of goods and services by both for-profit and nonprofit enterprises. Provides an overview of marketing mix decision requirements within a framework of contemporary economic, social, technological, competitive and regulatory influences. Prerequisite(s): ECON 201 and 202.

BA 308. Business Law II

Rights, duties, powers and privileges pertaining to principal-agent-third party relationships, together with a detailed analysis of the employer-employee relationship and comparison of the independent contractor with the

employee's legal status. Additional emphasis is placed upon business organizations including the corporate entity. Prerequisite(s): Eligible for ENGL 101.

BA 309. Retailing

Factors in the economy that have affected retail merchandising and its institutions, customer motivation, customer buying habits and store policy, the problems involved in establishing a retail store. Prerequisite(s): BA 305.

BA 310. Human Resource Management

The study of effectively selecting, utilizing, assessing and developing managers as well as the role of the Human Resource Department in administering human resources in a changing and demanding environment. Experience in developing and utilizing behavioral science research methods to assess effectiveness. (Formerly Personnel Management-Human Relations) Prerequisite(s): BA 301.

BA 311. Professional Selling

Focuses on the role of personal selling within the context of the promotional mix of the firm. Topics include customer need analysis, buying motives, persuasion principles, steps of the selling process and customer service. Learning tools include participant interaction, role plays, work groups and case studies. Prerequisite(s): BA 305.

BA 312. Personal Finance

An overview of personal and family financial planning with an emphasis on financial record-keeping, planning your spending, tax planning, consumer credit, making buying decisions, purchasing insurance, selecting investments, and retirement and estate planning. Prerequisite(s): ENGL 101 and eligibility for MATH 111.

BA 313. Business Finance

This course embraces the conceptual and practical problems associated with the financial management of the non-financial corporation. Topics covered, in brief, are an analysis of fund commitments to current assets, short-term financing, evaluation and choice of capital assets, the principle issues of debt/equity mix, investment policy and dividend policy as they influence the market value of corporate claims. Prerequisite(s): BA 216 and 209.

BA 314. Cost Accounting

A study of cost and managerial accounting procedures and concepts as applied to service and manufacturing enterprises. Prerequisite(s): BA 216.

BA 315. Personal Income Tax Procedure

An introduction to federal taxation of individuals. A conceptual approach is emphasized. Prerequisite(s): BA 216.

BA 316. Financial Management

This course considers problems arising in the financial management of operations within non-financial firms.

Coverage includes the management of operating cash flow integrated with the firm's current asset and current liability position, capital budgeting procedures, lease/buy decisions and the formulation of dividend policy. Method of instruction is case analysis and lecture. Prerequisite(s): Grade of C or better in BA 313.

BA 317. Real Estate

The course provides an introduction to the concepts of real estate finance that is based on sound economic and finance principles. A foundation of theory will allow the students to understand the structure of the real estate finance market as it changes throughout their lifetime. The goal is to apply the theoretical aspects of financial economics to explain how real estate financial institutions and markets have evolved to their present state, and why they take the form they do. Prerequisite(s): BA 313.

BA 318. Oil and Gas Law

An introduction to basic legal rules and principles governing the ownership and development of oil and gas. It covers analysis of the rights of mineral ownership, transfers of interest and the doctrine of correlative rights. Interpretation, operation and drafting of oil and gas leases will be covered extensively. Prerequisite(s): BA 308 Business Law II with a grade of C or higher or permission of the instructor.

BA 319. Risk Management & Insurance

The course provides an introduction to the concepts of risk and its management for individuals and organizations, the financial operations of insurance organizations, legal aspects of insurance and the managerial aspects of risk mitigation, underwriting and policy pricing in the global business environment. Prerequisite(s): BA 313.

BA 320. Organizational Behavior

The purpose of this course is to familiarize the student with the behavior of employees at the individual, group and organizational levels. Emphasis will be placed on the integration of application and theory. Topics to be covered include: motivation, team building, perception, attitudes, communication, conflict, stress and leadership. Prerequisite(s): Grade of C or better in BA 301; ENGL 102 and either PSYC 151 or SOC 101.

BA 323. Financial Institutions

A study of the financial management of commercial banks, life and property/casualty insurance companies, savings and loans, credit unions, mutual funds and mortgage companies. Emphasis is placed on maximizing the constraints of the fund markets, maintaining solvency, and satisfying appropriate regulatory authorities. Prerequisite(s): BA 313.

BA 325. Business Tax Topics

An introduction to taxation for entities other than individuals, such as corporations, partnerships, estates, trusts, state taxes and payroll taxes. A conceptual approach is emphasized. Prerequisite(s): BA 216.

BA 326. Governmental Accounting

A study of the objectives and practice of governmental and not-for-profit accounting. General state and local governmental accounting practices will be covered including types of fund entities, budgetary practices of self-sustaining funds, and comprehensive annual financial reports. The accounting practices of not-for-profit organizations, health care entities, and higher education institutions will be addressed as well. Prerequisite(s): BA 216.

BA 327. Principles of Health Care

A systematic overview of the U.S. health services system designed to explore the various mechanisms through which health care services are delivered. Prerequisite(s): ENGL 102.

BA 330 Accounting Information Systems

An introduction to accounting information systems from an applications approach of how to build and/or use one (using current software) and from a conceptual approach of internal controls necessary for their optimal use for a business enterprise. Prerequisite(s): Grade of C or better in BA 216.

BA 335. Consumer Behavior

Examines the consumer purchase decision process, within a framework of underlying psychological, sociological and anthropological concepts. Consideration of social and cultural influences, perception and learning, emotional and practical needs, and impact of promotional stimuli, with attention to ethical and strategic implications. Prerequisite(s): Grade of C or better in BA 305.

BA 340. Management Science

This course provides a foundation in the areas of quantitative modeling utilized in the managerial decision-making process. Emphasis is placed on the development, application and analysis of the following quantitative techniques: linear programming, transportation, forecasting, project management and decision theory. Prerequisite(s): BA 203 & 209.

BA 345. Fundamentals of E-Commerce

The course introduces concepts related to the development and delivery of the e-commerce component of a business enterprise. Many of the topics discussed will involve computer applications and practical examples. Prerequisite(s): BA 216, 301, 305; CS 106 or permission of instructor.

BA 346 Project Management

This course is intended to be an introduction to the field of project management. It examines project management roles and environments, the project life cycle and various techniques of work planning, process controls and evaluations so as to achieve planned objectives. The role of a project manager throughout the live primary processes of managing projects will also be presented. Prerequisite(s): BA 203 and 209.

BA 347 Entrepreneurship

The purpose of this course is to explore the many dimensions of new venture creation and growth and to foster innovation and new business formations in independent and corporate settings. We will be concerned with content and process questions as well as with formulation and implementation issues that relate to conceptualizing, developing and managing successful new ventures. Prerequisite(s): BA 301.

BA 351. Mathematical Analysis for Business Decisions II

Emphasis on differential and integral calculus and the application of these techniques to the analysis of problems in the functional areas of business administration. Prerequisite(s): BA 209.

BA 363 Intermediate Accounting I

The first in a three-course sequence providing students with a foundation in theory and a review of the accounting cycle, including preparing time- value-money calculations and financial statements. The course includes an in-depth study of generally accepted accounting principles as they apply to cash, receivables and inventories. Comparisons with International Financial Reporting Standards will be introduced as appropriate. Prerequisite(s): Grade of C or better in BA 216.

BA 364 Intermediate Accounting II

The second course in a three-course sequence designed to provide the student with a foundation in the theoretical concepts underlying the preparation of financial statements. The course includes an in-depth study of generally accepted accounting principles as they apply to selected technical areas. Comparisons with International Financial Reporting Standards will be introduced as appropriate. Prerequisite(s): Grade of C or better in BA 363.

BA 365 Intermediate Accounting III

The third course in a three-course sequence designed to provide the student with a foundation in the theoretical concepts underlying the preparation of financial statements. The course includes an in-depth study of generally accepted accounting principles as they apply to selected technical areas. Comparisons with International Financial Reporting Standards will be introduced as appropriate. Prerequisite(s): Grade of C or better in BA 363.

BA 370 E-Marketing

Examines the Internet and emerging information technologies as they are used in marketing goods and services. Topics include, but are not limited to, strategic use of digital media to shape customer experience, determinants of competitive advantage in the digital marketplace, relevant public policy issues, and use of social media in marketing communications. Prerequisite(s): BA 335; grade of C or better in BA 305.

BA 375 Business Ethics

An examination of ethical issues in business. Interrelationships of ethics with religions, governments, both domestic and foreign, and the law will be covered. All major business disciplines will be covered. Prerequisite(s): ENGL 102.

BA 399. Special Topics (1-3 Credit Hours)

An upper-level course for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

BA 401. Labor-Management Relations

A study of unionism and collective bargaining since 1933, including legislative and administrative efforts by the federal government to cope with the problems of industrial relations. Students will negotiate a simulated labor contract. Prerequisite(s): Grade of C or better in BA 301 or related experience.

BA 403. Auditing

An introduction to Generally Accepted Auditing Standards as they relate to profit-oriented enterprises. Students use a computer practice set to demonstrate the techniques of examining and documenting revenue, and acquisition, conversion, investing and financial cycle reviews. Professional ethics and legal liability are emphasized. Prerequisite(s): Grade of C or better in BA 363 and BA 364 or BA 365.

BA 405. Integrated Marketing Communications

This course examines the coordination and integration of marketing communication components for the purpose of conveying a strategic, unified and customer-focused brand message. Topics include the communication process, advertising, personal selling, public relations, sales promotion, electronic media and anticipated customer response. Prerequisite(s): Grade of C or better in BA 305.

BA 407. Insurance

Consideration of the various types of insurance policies and companies, personal and business uses of life insurance, rates, reserves, surrender value, health and accident insurance.

BA 408. Risk and Insurance

The study of business risk and insurance includes property, product and personal liability, employee dishonesty, health and accident insurance, and other related topics. Prerequisite(s): BA 313.

BA 409. Teaching Business Subjects in Secondary Schools

Teaching skill and basic business, utilization of personal and professional resources in general and specific areas of business activity, application of the principles to bring about desired learning at the secondary level. Prerequisite(s): EDUC 316.

BA 411. Sales Management

Overview of the sales organization, as well as roles and responsibilities of sales executives. Managerial issues to be examined include strategic sales planning, selection and training of salespeople, territory management, sales employee motivation, sales profitability analysis, administration of selling expenses and budgets, and sales-specific aspects of supervision. Prerequisite(s): Completion of 90 semester hours; grade of C or better in BA 305.

BA 413. Service Marketing

The role and scope of marketing in service and nonprofit organizations. Explanation of the distinctive characteristics of services and the implications of these characteristics for strategic marketing planning and execution. Issues to be examined include the role of customer expectation, behavior, and perception in satisfaction, customer relationship management by service organizations, service delivery through intermediaries, gap analysis and service-specific marketing mix considerations. Prerequisite(s): Completion of 90 semester hours; BA 335; grade of C or better in BA 305.

BA 414. Investments

An introduction to different types of securities, markets, transaction costs, security regulations and taxes. From the viewpoint of an individual investor, students investigate stocks, bonds, money markets, instruments, options, futures and mutual funds, with detailed analysis of risk/return, pricing, and value. Prerequisite(s): BA 313.

BA 416. International Finance

This course studies practical framework for understanding and conducting effective business and financial decision making by the multinational firms in an international context. This course meets the requirements of ECON 416. Prerequisite(s): ECON 201, 202 and BA 313 or ECON 410.

BA 418. Advanced Accounting I

A study of accounting topics including business combinations consolidated financial statements, partnerships and international accounting. A comparison of generally accepted accounting principles with International Financial Reporting Standards as they apply to selected technical areas will be covered as appropriate. Prerequisite(s): Grade of C or better in BA 364.

BA 420. Senior Business Seminar

An integrative capstone course focusing on the nature, formulation and implementation of strategy/policy from the context of entire firms and their industries. The emphasis is on integrated organizational activities, encompassing top, divisional, functional and operational levels, and including perspectives from marketing, accounting, human resources and other functional areas of management. Computer simulations, case analysis and participation in class will develop students' skills in critical decision-making, collaborative efforts and formal oral and written reports.

Prerequisite(s): Completion of 90 semester hours and all other core courses.

BA 421. Problems in Corporate Finance

Research techniques will be utilized in the study of advanced theoretical financial problems. These theories will then be applied to practical strategic and operating decisions faced by managers in investment companies, financial institutions and non-financial firms. This is a 100 percent case analysis course. Prerequisite(s): BA 316.

BA 424. Marketing Management

Integrates the content of other marketing courses for analysis of strategic decision options from the perspective of an organization's senior marketing decision makers. Case analysis includes both historic and contemporary decision scenarios that encompass a wide range of variables and constraints. Prerequisite(s): Completion of 90 semester hours; Grade of C or better in BA 305.

BA 425. Computer Applications in Business

Attention is focused on uses of computers in various business applications. Hands-on use of systems, utilizing packaged programs in major application areas - accounting, finance, management and marketing. Prerequisite(s): CS 106 and completion of basic BA core courses.

BA 433. Marketing Channels Management

Roles of institutions and agencies that participate in perpetuating the flow of goods and services from producers to end-user markets. Supply-chain management perspective is applied to the analysis of conflict and cooperation among channel members, as well as to strategic alliances and channel integration. Strategic marketing decision areas to be addressed also include distribution intensity, legal and contractual considerations, physical transportation/logistics and utilization of distribution-related information technology. Prerequisite(s): BA 209; grade of C or better in BA 305.

BA 436. Marketing Research

A study of the role of marketing research in marketing management and the methods by which it provides the necessary data to assess demand, understand buyers' wants and needs, anticipate market response to marketing actions, and analyze market performance. Prerequisite(s): Completion of 90 semester hours; BA 203; Grade of C or better in BA 305.

BA 440 Operations Management

A state-of-the-art study of the operations function. The main objective is to develop operations management abilities, focusing on strategic, global and service operations. Prerequisite(s): BA 209 and BA 301.

BA 441. Business Forecasting and Fluctuations

Explores various types of forecasts, including regression and time series analysis, exponential smoothing and simulation.

Many of the topics discussed will involve computer applications. Prerequisite(s): BA 203.

BA 442. Global Marketing

Focuses on opportunities and challenges presented to marketing managers when marketing goods and services across national boundaries. Emphasis on the impact of diverse cultural, ideological, linguistic, monetary and infrastructural factors upon marketing strategy alternatives and outcomes. Prerequisite(s): Completion of 90 semester hours; C or better in BA 305.

BA 449. Small Business Institute

Student teams use an analytical approach in solving practical problems of real life small business clients. All functional areas of the business program are used to best meet the needs of the client and give the student counselor the best possible experience. Prerequisite(s): 90 semester hours, 3.25 GPA, and permission of instructor.

BA 460. International Business

A study of world trade, strategies and investment, including various social, cultural, political and legal environments. The course familiarizes students with international practices in accounting, management, marketing and communications. Case studies and other assignments enhance basic concepts. Prerequisite(s): BA 301 and 305.

BA 465. International Management

This course recognizes the growing cultural diversity in most modern organizations around the world in terms of clientele, human resources and ownership. To equip managers for the challenges of global demands, emphasis is on strategic, socio-cultural, behavioral, legal-political and ethical issues as well as on the functional aspects of international management. Prerequisite(s): BA 310.

BA 466. Business Internship Advanced (1-6 credit hours)

Placement of business students in various businesses and industries in the community for the purpose of gaining on-the-job training and experience. (Graded on Pass-Fail basis except in teacher education. This course fulfills the academic capstone requirement for Business Education majors.) Prerequisite(s): Completion of minimum of 90 semester hours and the approval of the supervising instructor and department chair.

BA 475. Change Management

The course introduces change management as a framework that has evolved from a focus on process improvement using statistical tools to a comprehensive framework for managing a sustainable business. The course also surveys the analytic tools and techniques which are useful in the design and operation of sustainable systems from supply networks to distribution channels. The material is taught from a managerial perspective, with an emphasis on where and how specific tools can be used to improve the overall performance, reduce the total cost, while increasing the

sustainability of the firm's value chain. Prerequisite(s): BA 301 and ENGL 204.

BA 480. Management Information Systems

This course introduces the fundamental concepts and analytical tools that are used in the field of management information systems (MIS). Attention is directed toward MIS applications common to business environments. The primary objectives are to provide the student with a broad overview of the field of MIS and to enable development of competence in MIS decision-making. Students learn about many core issues in MIS including types of information, human-computer interaction, supply chain systems, business intelligence, and the e-commerce implications in information systems. Prerequisite(s): BA 216, 301, and 305.

Economics

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Economics is the study of how the economy works using descriptions, called models, of how individuals and organizations may make decisions to achieve their goals. Economic models are used to make predictions or forecasts.

The Bachelor of Arts in the Economics program is designed to provide the opportunity and structure for students to acquire the knowledge and proficiency necessary for success as economics professionals when they go on to work for business, government and international organizations. The program offers three concentrations - Business Economics, International Economics and Social Science. All concentrations share the same core requirements, while the course requirements vary at the concentration level. The cognate requirements for the various concentrations may be different or similar depending on the student's particular concentration.

There are many career options available to graduates of the Economics Program. These range from pursuing a professional career in government, business, finance, industry, or international organization, to pursuing graduate or professional education in economics, business, law, or public health administration.

Bachelor of Arts in Economics
120 hours required for graduation

General Education – 35-40 Hours

Major - 36 Hours

Core - 24 hours: ECON 201, 202, 301, 302, 306, 308, 410, 420.

Plus- 12 hours of concentration-level courses:

Business Economics Concentration: Take one 300/400-level course from each of the following concentrations:

- International Economics Concentration: Take four 300/400-level courses related to International
- Social Sciences Concentration: Take any four 300/400-level Economics courses other than those included in the Economics core (from ECON 305, 310, 320, 330, 340, 351, 399, 401, 406, 411, 415, 416.

Cognates - 18 Hours

(Three hours of MATH 120 satisfies G ED quantitative skills requirement)

MATH 120, BA 209 or MATH 206, BA 203, BA 210

Plus one of the two options below:

1. Three courses from any one of the following disciplines: Political Science, Psychology, or Sociology.
2. BA 215, 216, and either 313 or 363. (313 if concentration is Business Economics)

G ED Math Requirement - Math 120

Free Electives

26-31 hours of college-level courses to bring total to 120 hours. (Up to 12 hours of Co-op Education may be taken for electives.)

Minor in Economics - 15 Hours

ECON 201, 202, plus any three 300/400-level Economics courses.

Business Economics Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED 101	3	ECON 301	3
G ED Written Communication I	3	ECON 308	3
MATH 120.....	3	Cognate (BA-215)	3
G ED Oral Communication	3	300/400 level Management	3
G ED Wellness.....	2	G ED International Perspectives.....	3
Semester Total	14	Semester Total	15
Second Semester		Second Semester	
G ED Written Communication II	3	ECON 302	3
BA 209/MATH 206	3-4	300/400 level Marketing.....	3
G ED Scientific Reasoning	3-4	ECON 306	3
G ED Arts	3	Free Elective	3
G ED Social Sciences	3	Cognate (BA-216)	3
Semester Total	15-17	Semester Total	15
Sophomore Year		Senior Year	
First Semester		First Semester	
ECON 201.....	3	ECON 410	3
Free Elective	3	Free Elective.....	3
Free Elective	3	300/400 level Accounting.....	3
BA 210.....	3	Cognate (BA 313)	3
G ED History	3	Free Elective.....	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
ECON 202.....	3	ECON 420	3
BA 203 (cognate)	3	Free elective	3
Free Elective	3	300/400 level Finance.*.....	3
G ED Humanities	3	Free Elective.....	3
G ED Natural Sciences	3-4	Free Elective.....	3
Semester Total	15-16	Semester Total	15

*Excludes BA 313

International Economics Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	ECON 301	3
G ED 101	3	ECON 308	3
MATH 120 (cognate).....	3	Cognate.....	3
G ED Oral Communication	3	ECON 300/400 level	3
G ED Wellness.....	2	G ED International Perspectives.....	3
BSS 101	1	Semester Total.....	15
Semester Total	15		
Second Semester		Second Semester	
G ED Written Communication II	3	ECON 302	3
BA 209/MATH 206 (cognate)	3-4	ECON 306	3
G ED Scientific Reasoning	3-4	Free Elective.....	3
G ED Fine Arts	3	Free Elective	3
G ED Social Sciences	3	Cognate.....	3
Semester Total	15-17	Semester Total.....	15
Sophomore Year		Senior Year	
First Semester		First Semester	
ECON 201.....	3	ECON 410	3
Free Elective	3	International Econ/Finance (300/400 level)	3
Free Elective	3	Free Elective.....	3
BA 210 (cognate).....	3	Cognate.....	3
G ED History	3	Free Elective.....	3
Semester Total	15	Semester Total.....	15
Second Semester		Second Semester	
ECON 202.....	3	ECON 420	3
BA 203 (cognate)	3	International Econ/Finance (300/400 level)	3
Free Elective	3	International Econ/Finance (300/400 level)	3
G ED Humanities.....	3	Free Elective.....	3
G ED Natural Sciences	3-4	Free Elective.....	3
Semester Total	15-16	Semester Total.....	15

Social Science Concentration Suggested Course Sequence

Freshman Year

First Semester

G ED 101	3
MATH 120 (cognate).....	3
G ED Oral Communication	3
G ED Wellness.....	2
G ED Written Communication I	3
Semester Total	14

Second Semester

G ED Written Communication II	3
BA 209/MATH 206 (cognate)	3-4
G ED Scientific Reasoning	3-4
G ED Arts	3
G ED Social Sciences	3
Semester Total	15-17

Sophomore Year

First Semester

ECON 201.....	3
Free Elective	3
Free Elective	3
BA 210 (cognate)	3
G ED History	3
Semester Total	15

Second Semester

ECON 202.....	3
BA 203 (cognate)	3
Free Elective	3
G ED Humanities	3
G ED Natural Science	3-4
Semester Total	15-16

Junior Year

First Semester

ECON 301	3
ECON 308	3
Cognate.....	3
ECON 300/400 level	3
G ED International Perspectives.....	3
Semester Total	15

Second Semester

ECON 302	3
ECON 306	3
Free Elective.....	3
Free Elective	3
Cognate.....	3
Semester Total.....	15

Senior Year

First Semester

ECON 410	3
ECON (300/400 level).....	3
Free Elective.....	3
Cognate.....	3
Free Elective.....	3
Semester Total.....	15

Second Semester

ECON 420	3
ECON (300/400 level).....	3
ECON (300/400 level).....	3
Free Elective.....	3
Free Elective.....	3
Semester Total.....	15

Economics Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

ECON 101. American Economy

A course designed to introduce students to the fundamentals of how a free-market economy works as individuals make microeconomic decisions of their own based on cost-benefit principle. Discussions of the cyclical nature of GDP production, joblessness, cost of living, interest rates, public debt and deficits will be included.

ECON 201. Principles of Macroeconomics

An introductory course concerned with the working of the economy as a whole. Development of the theories of consumption, investment and equilibrium income; application of the theory to current macroeconomic problems; monetary and fiscal policy and its influence on economic activity.

ECON 202. Principles of Microeconomics

An introductory course concerned primarily with the functioning of specific parts of the economy. The theory of consumer behavior and firm behavior under varying degrees of competition; the determination of price in both product and resource markets. Application of the theory to current microeconomic problems.

ECON 301. Intermediate Macroeconomics

The course is a survey of the current and past theories of the macro-economy and how stable it is. These theories could be explained using graphical, algebraic and written analysis. Also, the effects of the various policy views of each theory are considered, and each view's relation to the economy we observe is analyzed. Prerequisite(s): ECON 201 and 202.

ECON 302. Intermediate Microeconomics

The course analyzes how consumers, firms, government, or any other economic units may make optimal decisions under various market conditions. Microeconomic theory is utilized to evaluate selected economic policies and practices of business firms and the government. Conditions for overall efficiency are also developed. Prerequisite(s): ECON 201 and 202.

ECON 305. Econometrics

This course develops skills to estimate economic relationships grounded in economic theory. Students will use statistical software for estimation. Basic concepts of statistics will be used. Prerequisite(s): ECON 201 and 202; BA 203.

ECON 306. Public Finance, Taxation and Fiscal Policy

Analysis of taxation and government expenditures. The impact of various levels of government on the local, state and national economies. Historical and current analysis of

the role of fiscal policy on business cycles. Prerequisite(s): ECON 201 and 202.

ECON 308. Money, Banking and Monetary Theory

A survey of historical development of American monetary and banking institutions; analysis of contemporary monetary theory and policy and a critique of monetary problems and their alternative solutions; a review of the international monetary structure. Prerequisite(s): ECON 201 and 202.

ECON 310. Economic Development

Problems of economic development facing the low-income countries of the world. Topics include international trade, foreign aid, capital formation and the role of government in the industrialization process. Selected areas of the U.S. such as Appalachia will also be considered. Prerequisite(s): ECON 201 and 202.

ECON 320. Labor Economics

Analysis of the theoretical and historical development of the American labor movement; collective bargaining, wage theory and the impact of union wage policy upon current economic and social problems. Prerequisite(s): ECON 201 and 202.

ECON 330. Urban Economics

This course focuses on urban areas as unique places of production and consumption. The role of transportation costs in determining city location will be discussed and analysis will be developed to explain why cities are taller than the surrounding countryside. In addition to these location aspects of cities, such urban problems as poverty, crime, education, transportation, public finance and optimal city size will be examined in detail. Prerequisite(s): ECON 201 and 202.

ECON 340. Contemporary Economic Issues

Reports and discussion of leading economic problems and issues. Emphasis will be placed on the relationship of economics to real-world problems. Prerequisite(s): ECON 201 and 202.

ECON 351. Economics of Energy Exploration

Energy economics draws on microeconomic foundations to introduce students to the production, pricing and distribution of energy sources such as oil, gas and coal. The primary focus of the course is to explain the allocative and productive efficiency as the rationale that drives the technical and political forces of global energy industries and markets. Prerequisite(s): ECON 202.

ECON 399. Special Topics in Economics (1-3 credit hours)

A junior-level course designed for a topic of special current interest, including televised courses. Prerequisite(s): ECON 201 and 202 or consent of instructor. May be repeated for a maximum of six credit hours.

ECON 401. History of Economic Thought

Survey of economic theory covering major schools of economic thought and the economic environment which produced them. Prerequisite(s): ECON 201 and 202.

ECON 406. Comparative Economic Systems

A comparative study of the philosophical and ideological foundations of these systems ranging from capitalism to communism. Prerequisite(s): ECON 201 and 202.

ECON 409. Mathematical Economics

Application of selected mathematical principles to economics. Differential and integral calculus, matrix algebra, input-output analysis and linear programming will be applied to economic theory. Static, comparative static and dynamic analysis will be considered. Prerequisite(s): ECON 201, 202 and MATH 120.

ECON 410. International Economics

Factors affecting the flow of trade and balance of payments; international economic theory and application; trade controls and their influence on international economics. Prerequisite(s): ECON 201 and 202.

ECON 411. Contemporary Economic Thought

This course compares neoclassical economics with a selection of heterodox economic schools of thought. Economic methodology and sociology of economic science are emphasized. The methodological framework is applied to the social systems of capitalism and socialism. Prerequisite(s): ECON 201 and 202.

ECON 415. Managerial Economics

Application of microeconomic theory and techniques of analysis to make managerial decisions. This class provides a practical knowledge of demand estimation, linear programming, game theory, pricing and capital budgeting. Course includes learning and use of appropriate software. Prerequisite(s): ECON 201 and 202.

ECON 416. International Finance

This course studies practical framework for understanding and conducting effective business and financial decision making by the multinational firms in an international context. This course meets the requirements for BA 416. Prerequisite(s): ECON 201, 202 and BA 313 or ECON 410.

ECON 417. Health Economics

Economic analysis of the dynamics of health care provision and consumption in the U.S. Discussion of health care costs, access, legislation and international comparison of health care systems. Prerequisite(s): ECON 201 and 202.

ECON 420. Senior Seminar

This course is the capstone of the undergraduate economics experience and it integrates the economics core. The student will select a research topic, construct a model or literary framework, and apply it to the problem. A baccalaureate test

of the knowledge and proficiency in the economics core will be administered as part of student assessment. Prerequisite(s): ECON 201, 202, 301, 302, 305, 306, and 308.

Business & Economics Faculty

Aleseyed, Cyrus M. (2002), Associate Professor of Business Administration. B.S.B.A. Gilan College of Lahijan; M.B.A. Eastern New Mexico University; M.S. West Virginia University; Ph.D. West Virginia University, 1995.

Bejou, David (2013), Professor of Business Administration. B.A. College of Literature and Foreign Languages; MBAA Embry Riddle Aeronautical University; Ph.D. University of Memphis.

Bejou, Azam (2013), Associate Professor of Business Administration. B.S. Virginia State University; MBA Strayer University; Ed.D. Virginia State University.

Carroll, Matthew (2014), Assistant Professor of Business Administration. B.S. West Virginia State University; MBA, CPA, Strayer University.

Cruz, Oliver M. (2015), Assistant Professor of Business Administration. B.S. University of Houston; M.S. Universidad La Salle, 2009. Areas of research: Consumer Behavior, purchasing and decision-making process; Services Marketing, customer satisfaction and loyalty, retailing; Tourism Marketing, hospitality and destination branding

De, Suvayan (2008), Associate Professor of Economics. B. Sc. University of Calcutta; M. Sc. University of Calcutta; M.A. University of Memphis; Ph. D. University of Memphis, 2008. Areas of research: Macroeconomics, International Economics, Financial Economics, Development Economics.

Goldberg, Edward C. (1969), Associate Professor of Business Administration. B.S. University of Connecticut; J.D. West Virginia University, 1967.

Hailou, Frehot (2009), Associate Professor of Economics. B. A. York University; M. York University; M. A. Howard University; Ph. D. Howard University, 2007. Areas of research: International Trade, Game Theory.

Hodges, John P. (1984), Assistant Professor of Business Administration. B.S. West Virginia University; B.A. West Virginia University; B.A. Marshall University; M.P.A. West Virginia University, 1981, CPA.

Islam, Mahmoodul (1987), Associate Professor of Economics. B.A. University of Dacca; M.A. McMaster University; M.A. University of Dacca; Ph.D. Wayne State University, 1985. Areas of research: Macroeconomic Issues, Monetary Policy, Monetary Economics.

Lewis, Michael D. (1989), Associate Professor of Business Administration. B.B.A. Marshall University; M.B.A. Marshall University, 1989. Areas of research: Information Systems.

Mitiku, Abainesh (1992), Professor of Business Administration. DBA United States International University (now Alliant International University), 1992; MBA University of Nairobi, Kenya, 1982; BSc University of Colorado, 1969. Areas of research: Alignment of Strategy, Structure and Organizational Capability; International Business and Developing Nations; Issues of Sustainability as it Relates to Business.

Tillquist, Alan (2011), Professor of Business Administration. BS Hannibal-LaGrange College, 1984; MBA Missouri State University, 1986; DBA Nova Southeastern University, 2002. Areas of research: Health Insurance and Life Styles; Employee Performance Appraisal; Classroom Technology

Toledo, Ulises J. (2000), Assistant Professor of Business Administration. B.S. Universidad Autonoma Chapingo, Mexico; M.S. University of Illinois at Urbana-Champaign; Ph.D. University of Illinois at Urbana-Champaign, 2001.

Williams, Deborah (2005), Assistant Professor and Chairperson of Business Administration. B.S.B.A. West Virginia University; M.P.A. West Virginia University, 1982, CPA. Areas of research: Non-profit Entities, Financial Accounting.

Behavioral & Social Sciences

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The following disciplines comprise the Department of Behavioral & Social Sciences:

- History
- Political Science
- Psychology
- Sociology/Philosophy

History

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 Coordinator
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 mworkman2@wvstateu.edu

The History Program at West Virginia State University focuses on students and promotes their academic success. Faculty members are deeply committed to creating a student-oriented culture that places a high priority on individual student needs. This is demonstrated through our personalized academic advising sessions, flexible course scheduling and quality instruction.

Through rigorous study, extensive reading and judicious analysis, students gain an understanding of, and appreciation for, the past. They learn how to frame historical problems, analyze and interpret historical evidence, and write compelling historical arguments. This prepares them for professions in education, law and public history, and provides a solid foundation for graduate-level course work in the humanities or social sciences. In addition, the analytical and communication skills that history students pick up along the way are useful in business.

History majors will complete a General Education requirement designed to promote the ability to interconnect knowledge and apply concepts and skills from one area to another, two semesters of a modern foreign language, 15 hours of approved cognates (restricted electives), and eight upper-level History courses emphasizing research and writing skills. The required senior capstone course permits students to select either a research-intensive senior thesis or a public history-related field experience internship.

Program Goals:

- Students will develop a general knowledge of human history;

- students will read perceptively, think critically and write clearly;
- students will use the library and computer technology to locate and interpret primary and secondary sources;
- students will be able to work independently and effectively to synthesize historical.

Program-Level Outcomes

Graduates with a Bachelor of Arts in History from West Virginia State University should be able to:

- Demonstrate understanding of the natural and cultural environment in which humans have developed and lived over time and space;
- demonstrate evidence of the historical and geographical processes by which societies, cultures and institutions change over time and space;
- demonstrate understanding of the racial and cultural diversity of the human experience as influenced by geography, culture, race, ethnicity, gender and class;
- demonstrate skills of historical research and critical analysis using a variety of sources;
- demonstrate effective research, writing and oral communication skills in order to present an historical thesis in a logical and organized manner;
- demonstrate understanding of the career search in appropriate educational and professional markets.

Bachelor of Arts in History

120 hours required for graduation

General Education - 38-40 Hours

Major

HIST 201*, HIST 202*, HIST 207*, HIST 208* - 12 hours

Eight HIST courses 300/400 level (including HIST 400) - 24 hours

Cognates

Six hours in the same modern foreign language; 15 cognate hours approved through the History Program.

Math Requirement

MATH 111 or MATH 120

Electives

Free electives to bring total to 120 hours

Minor Requirements

HIST 201*, HIST 202*, HIST 207*, HIST 208* - 12 hours
 Two HIST courses 300/400 level - 6 hours

*May count for General Education

History Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
G ED Scientific Reasoning	3-4
G ED 100	3
MATH 120 or 111.....	3
G ED Wellness.....	2
Semester Total	14-15

Second Semester

G ED Written Communication II	3
COMM 100.....	3
G ED Humanities	3
G ED Arts	3
Elective	3
Semester Total	15

Sophomore Year

First Semester

ENGL 150.....	3
HIST 207.....	3
HIST 201.....	3
Foreign Language	3
G ED Social Science	3
Semester Total	15

Second Semester

G ED International Perspectives	3
HIST 208.....	3
G ED Natural Science	3-4
Foreign Language	3
HIST 202.....	3
Semester Total	15-16

Junior Year

First Semester

HIST 300/400	3
HIST 300/400	3
Cognates	3
Free Electives	3
Free Electives	3
Semester Total	15

Second Semester

HIST 300/400	3
HIST 300/400	3
Cognates	3
Free Electives	6
Semester Total	15

Senior Year

First Semester

HIST 300/400	3
HIST 300/400	3
Free Electives	9
Semester Total	15

Second Semester

HIST 400	3
Cognates	3
Free Electives	8
Semester Total	14

History Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

HIST 201. World History

This course surveys the major achievements of human history from its origins to around 1715, centered on the links and interactions between civilizations which have transformed the world. Particular attention is given to the social, political and cultural developments of these societies, how they have persisted or changed over time, and how their cultures have shaped human behavior and human relations in different civilizations. Prerequisite(s): COMM.

HIST 201H. World History - Honors

This course surveys the major achievements of human history from its origins to around 1715, centered on the links and interactions between civilizations which have transformed the world. Particular attention is given to the social, political, and cultural developments of these societies, how they have persisted or changed over time, and how their cultures have shaped human behavior and human relations in different civilizations. The Honors section will follow this general outline with additional depth and extension. The extension may include, but not be limited to, additional reading, writing and/or research. Honors students will have the opportunity in this course to engage more deeply and be challenged to read, analyze and interpret the topic of world history. Prerequisite(s): ENGL 102 and acceptance into Honors Program.

HIST 202. World History

This course will provide students with the main themes and developments of world history from around 1500 to the present. Special emphasis will be placed upon the cultural diversity of the nonwestern world, non-aligned nations, less developed regions and the common experiences of ordinary people over time. Major attention will be placed upon the various factors which have facilitated growth or decline at different speeds in different parts of the world. Prerequisite(s): ENGL 102.

HIST 207. American History to 1865

This course will examine Native America, the European conquest, cultural encounters between Africans, Europeans and Native Americans; the colonial era, slavery, revolutionary and Early National periods; westward expansion, nationalism, industrialization and sectional strife through the Civil War and Reconstruction, centering on issues of race, class, society, politics and power. Prerequisite(s): ENGL 102.

HIST 208. American History from 1865

This course focuses on the economic and political maturation of the United States from Reconstruction through the present. The influence of industrialization and increased government activity on the increasingly diverse American

people and foreign powers is studied in the context of world-wide imperialism, the Gilded Age, Progressivism, World Wars and the Civil Rights movement in the American Century. Prerequisite(s): ENGL 102.

HIST 209. West Virginia and the Appalachian Region

A survey of West Virginia's unique contribution to the historical, geographical, governmental, political and social development of the Appalachian region.

HIST 299. Selected Topics in History (1-4 credit hours)

Regular courses or seminars on special topics of historical interest will be provided for majors and non-majors, as determined by need and availability of faculty.

HIST 300. History of Science and Technology

This introduction to the history of technology will examine fundamental relationships between science, technology and society.

HIST 301. American Urban History

The role cities and the process of urbanization have played in American History. The urban experience of classes and ethnic groups, the development of urban institutions, and the impact of city life on the national character.

HIST 302. Introduction to Historic Preservation

This course will explore various facets of historic preservation in the U.S. We will examine the general history of the preservation movement, its present structure and composition, and related topics.

HIST 303. History of Russia

Political, social, economic and cultural developments of Russia to about 1850. Prerequisite(s): HIST 314 and 315 or permission of instructor.

HIST 304. History of Russia From 1850

Political, social, economic and cultural developments of Tzarist Russia and Soviet Union from 1850s to the present and their impact on world affairs. Prerequisite(s): HIST 315 or permission of instructor.

HIST 305. History of England To 1688

A comprehensive treatment of the foundations of English institutions, parliamentary or representative government and common law, noting their influence on Europe and America. Anglo-Saxon, Norman, Angevin, Tudor and Stuart contributions.

HIST 306. History of England Since 1688

The Glorious Revolution, the Industrial Revolution, Imperialism, the Commonwealth and the development of the Welfare State.

HIST 307. The Renaissance and Reformation

A detailed study of the Renaissance and Reformation and their effect upon the social and religious order. Special

attention given to the intellectual, artistic and theological expressions of the period.

HIST 308. Ancient History

A study of the social, economic, cultural and political developments of the Near East and Greece to 146 B.C.

HIST 309. Roman History

A study of the social, economic, cultural and political developments of Rome to 500 A.D.

HIST 310. The Presidency

Factors and forces that deal with the constitutional duties, responsibilities, domestic and foreign policies of the executive office.

HIST 311. African-American History

A brief survey of the African and Caribbean heritage followed by a more extensive study of the African in American History from 1619 to date. Appreciable emphasis will be placed on social, economic and political developments since 1954.

HIST 312. The Age of Jim Crow

A study of what gave rise to this period, the injustices that Blacks suffered, and how they responded to these inequities by endeavoring to establish their own organizations in an effort to promote self-help and racial uplift. Prerequisite(s): HIST 208.

HIST 313. Black Images in American History

This course examines the various racial stereotypes of Blacks that have been ingrained in American society for both men and women. The focus will primarily center on why these stereotypes have persisted and what impact they have had on African-Americans. Prerequisite(s): HIST 207 or HIST 208.

HIST 314. European History to 1815

Background development of modern civilization. Renaissance, Reformation, 17th and 18th century movements of cultural, political, social and economic importance.

HIST 315. European History Since 1815

From the French Revolution to the present, including nationalism, spread of democracy and other ideologies, the Industrial Revolution, height of European Civilization, the world wars and international affairs since 1945.

HIST 316. The Civil Rights Movement

An examination of the origins of the protests, which sparked a Civil Rights Movement in the United States. Discussion will include major ideas of the Movement, how they changed over time, and determine to what extent it reached its goals and what impact it had on American society. Prerequisite(s): HIST 208.

HIST 317. Slavery in the United States

A study in identifying the various African contributions made to American society, understanding that Blacks did not passively accept their plight but engaged in various forms of physical and psychological resistance, and recognizing that various American attitudes and behavioral patterns held today have their roots in American slavery. Prerequisite(s): HIST 207.

HIST 318. Harlem Renaissance

This course focuses on the cultural, intellectual, artistic and political achievements of African-Americans that contributed to the Harlem Renaissance movement in the United States.

HIST 319. History of Nazi Germany

In this course, students will analyze the processes and influences that gave the world Adolph Hitler, with a chronological overview of Nazi Germany.

HIST 320. History of Medieval Europe

The meaning of the institutions of the Middle Ages and their contributions to European civilization.

HIST 321. History of China

This course examines the 3,000-year history of Chinese civilization from its antiquity. The main topics include the ancient roots of Chinese culture, Confucianism, China's imperial systems, the Opium Wars and the Chinese Communist Revolution.

HIST 322. History of Japan

This course offers a comprehensive historical survey of Japan. While covering Japan's unique traditions such as the emperorship and the bakufu, this course will particularly focus on how Japan has developed as a modern nation-state since the mid-nineteenth century.

HIST 323. History of Korea

This course explores Korea's history from its antiquity to the present, with particular focuses on the distinctive aspects of Korean Culture. The course will also discuss how the North and South Koreas took different courses of development after World War II.

HIST 324. History of Southeast Asia

This course offers a historical survey of Southeast Asia, a region of eleven modern states today. This course will discuss how Southeast Asia's traditions were formed before modern times and how the separate modern states of Southeast Asia emerged after their colonial experiences.

HIST 325. Military History of the United States

The origins and development of military institutions, traditions and practices of the United States, 1775 to present. The broader aspects of major American wars will be included. (Mandatory course for Military Science 300 and 400 students. Open to other students with Junior standing.)

HIST 399. Selected Topics in History (1-3 credit hours)

Courses under this number will be televised courses or other courses designed for special occasions.

HIST 400. Senior Seminar/Internship

This senior capstone course completes the requirements for graduation with a BA degree in history. All majors must satisfactorily pass the course, normally in the final semester. HIST 400 offer students two options: a major research project based upon primary sources for students planning to enter graduate or professional school, or a public history internship/field study for students preparing to enter the workforce. Prerequisite(s): Senior standing and permission of instructor.

HIST 403. American Diplomatic History I

A study of American foreign relations from the earliest days of colonial discovery and settlement to 1900.

American contributions to diplomatic principles and practices are examined. Prerequisite(s): HIST 207 or permission of instructor.

HIST 404. American Diplomatic History II

A continuation of the study of American diplomatic principles and practices as they have been conducted in the 20th century by one of the most powerful nations in the world. Prerequisite(s): HIST 208 or permission of the instructor.

HIST 412. American Constitutional History

A historical background of the constitutional and legal reasoning behind most of the fundamental concepts of the operation of the American government.

HIST 413. The Caribbean

This course explores the ever-changing region known as the Caribbean. Emphasis will be placed upon the geographical, geological, cultural, economic and political changes of the region. The impact of colonialism, migration, linguistic and independence movements will be examined from a variety of perspectives. A special focus will be placed on the Caribbean's influence on the world economy, past and present. Prerequisite(s): HIST 201.

HIST 415. Public History

This course familiarizes the student with terminology and resources for the study of public history in order to understand and analyze how public versions of the past are created, commemorated, institutionalized and interpreted, and explores the various disciplines associated with these presentations of the past. Prerequisite(s): One course from HIST 201, 202, 207, or 208.

HIST 416. The Civil War Era

The critical and turbulent years, 1846-1876, which ushered in modern America.

HIST 417. Selected Topics in American History

Primarily through the directed reading approach, selected topics in colonial and early 19th century United States history are used to supplement the survey and upper-division courses. Prerequisite(s): HIST 207 and permission of the instructor.

HIST 418. Selected Topics in American History

Selected topics in United States history from the mid-nineteenth century to the present. Directed reading in American history as supplement to the survey and upper-division courses. Prerequisite(s): HIST 208 and permission of the instructor.

HIST 420. History of the Far East I

Developments of major political, cultural, social and economic achievements in China, Japan and Korea from prehistory to the 1800's.

HIST 421. History of the Far East II

Political, cultural, social and economic developments in China, Japan and Korea from about 1800 to the present.

HIST 423. History of Latin America I

Emphasizes social, political, economic and intellectual factors. Course includes pre-conquest Indian cultures, Spanish-Portuguese conquests and the colonial period to 1810.

HIST 424. History of Latin America II

Emphasizes social, political, economic and intellectual factors. Course includes wars of independence to present.

HIST 425. Women's History

This course reviews problems and issues that have plagued women from historical, sociological, psychological and economic perspectives and women's efforts to overcome these barriers to equality. Further emphasis is placed on the examination and treatment of women in economically depressed and third-world/nonwestern nations. Prerequisite(s): HIST 207 or HIST 208.

HIST 444. Sub-Saharan Africa

A study of major cultural and political changes in Africa from the Sahara to the Cape of Good Hope. Emphasis is placed upon historical, social, political, anthropological and aesthetic changes to a number of traditional African cultures in the aftermath of European colonialism. Cultural responses to western ideologies and technical influences will be viewed in depth.

Geography**GEO 200. Introduction to Geography**

The natural environment and its processes and the relationships of humankind to its habitat. Focus will be on the essentials of physical geography and upon some basic concepts of cultural geography.

GEO 201. World Regional Geography

The major geographical concepts as studied through a regional perspective, the several culture realms of the world, and the human issues faced in each.

GEO 202. Introduction to Cultural Geography

A systematic approach to cultural geography relating the discipline to the other social sciences for a better understanding of the complex nature of cultural diversity, cultural interaction, and the different levels of societal development.

GEO 303. Urban Geography (4 Credit Hours)

A study of the site, situation, historical development, structure, and function of cities. The central business districts, industrial districts, residential areas and transportation systems are studied and questioned from the perspective of effectiveness, interrelation, and future utilization.

GEO 306. Economic Geography

Major primary, secondary and tertiary economic activities in their local and relative geographic settings. Emphasis upon commodity production, utilization, trade patterns and their significance.

History Faculty

Peyton, Billy Joe (2002), Professor of History. B.A. West Virginia University; M.A. West Virginia University; Ph.D. West Virginia University, 1999. Areas of research: Local and Regional History, Early U.S. History.

Lucas, Lois (1993), Professor of History. B.A. North Carolina Central University; M.A. North Carolina Central University, 1975; Ph.D. University of Kentucky, 2005. Areas of research: African-American Women in Appalachia.

Park, Tae Jin (2006), Associate Professor of History. B.A., Kyonggi University; M.A. State University of New York at Albany; Ph.D., West Virginia University, 2003. Areas of research: U.S. Diplomacy and East Asian History.

Workman, Michael E. (2011), Assistant Professor of History. B.A. West Virginia University; M.A. West Virginia University; Ph.D. West Virginia University, 1995. Areas of research: U.S. History, Labor & Industrial History, History of Technology.

Political Science

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 Program Coordinator
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About the Program

Political Science investigates the relationship between government and society. At West Virginia State University, students take part in a rigorous and writing-intensive program of study. Advanced classes have a low student-to-professor ratio that allows professors to mentor and work closely with students on academic projects.

The Political Science Program offers three options for Political Science majors:

General Political Science Major

The General Political Science curriculum provides basic, thorough coverage of the major areas of study within the discipline of Political Science. These include American government and political institutions, public law and judicial politics, comparative politics, international politics, public policy, political thought, methodology and research and public administration. Courses also examine the intersection of politics with other social institutions such as religion, social groups and media.

The general degree in Political Science prepares students for a variety of careers, including public policy and administration at local, national and international levels. Graduates from our program presently hold elective office, work in state and local government as well as non-profit organizations, and conduct academic research. Many others work in areas of law, business and the media. Some are political consultants on campaigns.

For those students seeking a more specialized course of study, the program offers two areas of concentration.

Pre-Law Concentration

The Pre-Law Concentration provides a rigorous curriculum focusing on the law and legal studies in order to prepare highly qualified students to pursue a number of careers after college. Most of the graduates will pursue either law school or graduate school for legal studies. However, many students continue their studies in public administration, criminal justice administration, or public policy.

An undergraduate curriculum, taken in preparation for law school, should encompass courses that emphasize analytical thinking, cogent writing and confident verbal skills. Moreover, a student should have a profound understanding of the socio-political, historical and economic contexts in which laws are made, broken and interpreted. The program's Pre-Law concentration provides such a curriculum.

Public Administration and Policy Concentration

The Public Administration and Policy Concentration integrates a traditional management-oriented approach with an analytical, problem-solving emphasis to produce a solid foundation that combines links theory with practice. This hybrid, innovative concentration uniquely prepares students with the skills necessary to address the challenges administrators face in the public arena.

In order to prepare highly qualified students to pursue many different careers after college, this curriculum cultivates skills that enable individuals to manage and govern the public's resources effectively, efficiently and ethically; the program is designed to teach students the business of government. Most of the graduates will pursue either graduate school in public administration or research and policy analysis.

Learning outside of the classroom is a feature of study in the Political Science Program. Students are strongly encouraged to participate in internships and/or field work. The program manages three internship programs with the State of West Virginia – the Judith A. Herndon Fellowship, the Frasure-Singleton Internship, and an internship with the Higher Education Policy Commission. In addition, the program is active in internships like the W.Va. Governor's Internship Program, and the program provides opportunities to volunteer with political campaigns, political parties and civic groups.

About the Majors

Political Science majors tend to be active in campus organizations. The Political Science Program currently offers two student organizations – the Pre-Law Association and the Political Science Society. Political Science majors frequently serve as the officers of the University's Student Government Association and other campus student organizations.

Pi Sigma Alpha, a Political Science honor society, is open to students who excel in the study of politics and government. The campus chapter inducts new members each spring.

Mission of the Program

A Political Science degree from West Virginia State University provides a strong, broadly-based liberal arts education that prepares students for a wide variety of careers. Students develop critical thinking skills, including the ability to analyze complex social problems, evaluate concepts of political thought, collect and evaluate information about political phenomenon, and apply this information in the context of local, regional, national and international politics.

Bachelor of Arts in Political Science

120 hours required for graduation.

General Education - 35-40 Hours

Cognates (All Political Science Majors) - 18 Hours

PSYC 200 – Statistics for the Social Sciences
Six hours of the same Modern Foreign Language
ECON 201 or 202
HIST 207 or 208
ENGL 112, 201, or 204

Core Courses (All Political Science Majors) - 17 Hours

POSC 100, 101, 205, 225, 311 and either POSC 400 or 497
Completion of one of the categories below:

General Political Science Major - 27 Hours

POSC 204 and 210
15 additional credit hours of 300 or 400 level Political Sciences courses (with faculty approval)
Six hours of the same Modern Foreign Language

Pre-Law Concentration - 21 Hours

POSC 204 or 210
POSC 305, 319 and 320
Choose one course from each of the following two groups plus one additional course from either group:
Group A: POSC 304, 402, 408, 410 and 415
Group B: POSC 306, 403, 404 and 405

Public Administration and Policy Concentration - 27 Hours

POSC 204
POSC 306, 307 and 405
BA 301, 310 and 320
Six additional credit hours of 300 or 400 level Political Sciences courses (with faculty approval)

Electives - to bring total credit hours to 120

Up to six hours in Cooperative Education may be earned in major-related work.

Up to 12 credit hours of the following courses may be double-counted as General Education courses:

- POSC 100; Introduction to Government and Politics (three hours) to satisfy the requirement for Social Structures
- POSC 101: American Government (three hours) to satisfy the requirement for American Traditions
- G ED courses in approved Modern Foreign Languages (six hours)

Minor in Political Science - 15 Credit Hours

POSC 100; 101; 204 or 210; and six hours from any 300 or 400 level political science course.

General Political Science Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	POSC 311	3
POSC 100	3	POSC 300/400	3
G ED 101	3	HIST 207 or 208	3
G ED Scientific Reasoning	3-4	POSC 300/400	3
MATH 111 or Math 120	3	Free Elective	3
Semester Total	15-16	Semester Total	15
Second Semester		Second Semester	
G ED Written Communication II	3	POSC 300/400	3
G ED Natural Science	3-4	Free Elective	3
POSC 101	3	Free Elective	3
POSC 210	3	POSC 300/400	3
G ED Oral Communications	3	POSC 300/400	3
Semester Total	15-16	Semester Total	15
Sophomore Year		Senior Year	
First Semester		First Semester	
G ED Art	3	G ED International Perspectives	3
POSC 204	3	G ED Social Sciences	3
POSC 205	2	G ED Wellness	2
Foreign Language	3	G ED Humanities	3
ECON 201 or 202	3	Free Elective	3
Semester Total	14	Semester Total	14
Second Semester		Second Semester	
POSC 225	3	POSC 400	3
PSYC 200	4	Free Elective	3
G ED History	3	Free Elective	3
ENGL 112 or 201 or 204	3	Free Elective	3
Foreign Language	3	POSC 300/400	3
Semester Total	16	Semester Total	15

Pre-Law Concentration Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	POSC 311	3
POSC 100.....	3	POSC 305	3
G ED 101	3	HIST 207 or 208.....	3
G ED Scientific Reasoning	3-4	POSC 319	3
MATH 111 or Math 120	3	Free Elective.....	3
Semester Total	15-16	Semester Total.....	15
Second Semester		Second Semester	
G ED Written Communication II	3	POSC 320	3
G ED Natural Science	3-4	Free Elective.....	3
POSC 101.....	3	Free Elective.....	3
G ED Oral Communication.....	3	Pre-Law Group A	3
G ED Social Science	3	Pre-Law Group B	3
Semester Total	15-16	Semester Total.....	15
Sophomore Year		Senior Year	
First Semester		First Semester	
G ED Art	3	G ED International Perspectives.....	3
POSC 204.....	3	Free Elective.....	3
POSC 205.....	2	G ED Wellness	2
Foreign Language	3	G ED Humanities	3
ECON 201 or 202	3	Free Elective.....	3
Semester Total	14	Semester Total.....	14
Second Semester		Second Semester	
POSC 225.....	3	POSC 400 or 497.....	3
PSYC 200.....	4	Free Elective.....	3
G ED History	3	Free Elective.....	3
ENGL 112 or 201 or 204	3	Free Elective.....	3
Foreign Language	3	Pre-Law Group A or B	3
Semester Total	16	Semester Total.....	15

Public Administration & Policy Concentration**Freshman Year****First Semester**

G ED Written Communication I	3
POSC 100.....	3
G ED 101	3
G ED Scientific Reasoning	3-4
MATH 111 or Math 120	3
Semester Total	15-16

Second Semester

G ED Written Communication II.....	3
G ED Natural Science	3-4
POSC 101.....	3
G ED Oral Communications	3
G ED Social Structures	3
Semester Total	15-16

Sophomore Year**First Semester**

G ED Arts	3
POSC 204.....	3
POSC 205.....	2
Foreign Language	3
ECON 201 or 202	3
Semester Total	14

Second Semester

POSC 225.....	3
PSYC 200.....	4
PSYC 151.....	3
ENGL 112 or 201 or 204	3
Foreign Language	3
Semester Total	16

Junior Year**First Semester**

POSC 311	3
POSC 306.....	3
HIST 207 or 208.....	3
POSC 307	3
Free Elective.....	3
Semester Total.....	15

Second Semester

POSC 405	3
BA 301	3
BA 310	3
Free Elective.....	3
Free Elective.....	3
Semester Total.....	15

Senior Year**First Semester**

G ED International Perspectives.....	3
Free Elective.....	3
G ED Wellness	2
G ED Wellness	3
Free Elective	3
Semester Total.....	14

Second Semester

POSC 400 or 497.....	3
Free Elective	3
Free Elective	3
G ED History.....	3
BA 320	3
Semester Total.....	15

Political Science Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

POSC 100. Introduction to Government and Politics

Examination of the fundamental political and legal systems of national and international communities. Prerequisite(s): Eligible for English 101.

POSC 101. American Government

The organization and nature of the federal political system, with special emphasis placed on the U.S. Constitution. The role of non-governmental actors (political parties, interest groups and the media) is also analyzed. Prerequisite(s): Eligible for English 101.

POSC 101H American National Government - Honors

The organization and nature of the federal political system, with special emphasis placed on the U.S. Constitution. The role of non-governmental actors (political parties, interest groups and the media) is also analyzed. A 15-page research paper is required, in addition to traditional requirements for this course, for honors students. Prerequisite(s): Acceptance into the Honors Program and eligibility for ENGL 101.

POSC 204. State and Local Politics

Politics and policy at the state and local level in the American political system. Areas for study include constitutional, cultural and financial constraints on state and local politics; community power structures; state legislatures; governors and other elected executives; and judicial institutions. Prerequisite(s): Pass ENGL 102 with C.

POSC 205 Political Science as a Profession (2 credits)

This course is designed to help political science students navigate through the process of after-college decisions. This includes the difficult decision of whether to go onto graduate school or to enter the workforce. The course will provide guidance to students who are pursuing either goal or to students who are unsure as of what to do. The course will begin with addressing the literature that discusses such decisions and the consequences and ramifications of either choice. We will then address the tools that facilitate in a student's decision to attend graduate school or enter the workforce. These topics include resume and cover-letter preparation, interview skills and graduate school application procedures and practices as well as how to handle graduate school once the student is there. Prerequisite(s): Faculty approval.

POSC 210. International Relations

An introduction to international politics in the late 20th century. The course covers historical developments altering power relationships among nation-states in foreign policy, the interaction of developed and non-developed nations and problems confronting international organizations and transnational actors. Prerequisite(s): Pass ENGL 102 with C.

POSC 225. Strategic Decision making in the Social Sciences

This course is an introduction to formal and informal models of decision-making and logic, with an emphasis on evaluating multiple courses of action and the consideration of possible outcomes. The analysis and application of decision-making are addressed through an examination of decision theory and game theory. Prerequisite(s): ENGL 102 with a C or better and either POSC 100 or POSC 101

POSC 302. American Foreign Policy

This course investigates the ideological and institutional setting of American foreign policy through a series of selected case studies. Emphasis is given to concepts and resources that enable students to understand foreign policy issues. Prerequisite(s): POSC 101 or 210.

POSC 304. Comparative Politics

A comparative analysis of the political culture, ideologies, processes and institutions of the Russian Federation, Britain, France, Germany, Japan and China. This course should familiarize the student with the predominant influences on these particular political systems, and further develop the student's ability to assess the significance of the roles played by these major nation-states. Prerequisite(s): POSC 100 or 101 or 210.

POSC 305. The American Congress

An examination of the origin, organizations, operation and political characteristics of Congress; focusing on problems of representation, leadership, relations with interest groups and other branches of government, and public policy formation. Prerequisite(s): POSC 101.

POSC 306. The American Presidency

An examination of the institution of the presidency, its functions, formal and informal relationships with other branches of government. The course also examines recurrent problems and limitations of the office. Emphasis is on the dynamics of the office: on the influence exerted by certain presidents, and on the impact of public opinion and the media. Prerequisite(s): POSC 101.

POSC 307. Introduction to Public Administration

This course provides the student with an understanding of the major public administration theories influencing the discipline, the role of the public bureaucracy in American society, and the interplay of politics and administration at the national, state, and local levels. Prerequisite(s): POSC 101.

POSC 308. International Political Economy

This course analyzes the interplay between states and markets in the global arena, with emphasis upon economic tools employed by modern states to address issues arising from international trade, monetary relations and other foreign policy goals. Prerequisite(s): POSC 210 or permission of the instructor.

POSC 311. Methodology and Research

Introduction to the concepts and methods of social science research: the role of theory in research, forming hypotheses and questions, identifying variables and gathering and analyzing statistical data. Emphasis will be on developing good writing skills and using computers for basic statistical evaluation. This course meets the requirements of CJ 315 and SOC 311. Prerequisite(s): Junior classification and a grade of C in ENGL 102 and contemporaneous enrollment in PSYC 200 or completion of PSYC 200 with a grade of C.

POSC 321. Constitutional Law: Civil Liberties

This study begins with an introduction to principles of constitutional interpretation, then examines the politics of both the development and the impact of constitutional law addressing civil rights and civil liberties. Moreover, the course will address the powers and structure of government and the impact of the developments on political, economic, and social life. Prerequisite(s): POSC 101 and a grade of C in ENGL 102.

POSC 330 Judicial Systems and Policy-Making

This course will analyze the political nature of the American Judicial System. It will examine the organization, procedures of the federal court system, and the politics of judicial selection as well as the implementation and impact of judicial policymaking in a political and social context. Prerequisite(s): POSC 101 and ENGL 102 with a C.

POSC 335 Politics and Religion in America

This course address the intersection of religion and politics in American political affairs and policy development. Students will study the civil liberties that protect religious freedom from government interference and review the developments in constitutional law based on those liberties. The course will also consider religious organizations and individuals that act as interest groups and evaluate their influence on public policy. Prerequisite(s): POSC 101 and ENGL 102 with a C.

POSC 399. Special Topics (1-3 credit hours)

Independent work on a special topic or problem area with guidance from a member of the political science faculty. Prerequisite(s): POSC 100 or POSC 101.

POSC 400. Senior Capstone Experience

In this senior capstone experience, students will apply the knowledge and skills developed through previous coursework. In conjunction with a member of the Political Science faculty, each student will select a project and complete either basic research, applied research, field work, or a service learning project. The experience will culminate with the completion of a written work and, if appropriate, a presentation.

POSC 402. Modern Political Thinkers

A critical analysis and tracing of influences of the major political theorists from Hobbes, Locke or Rousseau through Lenin. Cross-listed with Philosophy 402. Prerequisite(s): POSC 100 and ENGL 102 with a C.

POSC 403. Electoral Politics

Organization, functions and practices of political parties in the United States, electoral problems, practical impact of the media, pressure groups and current electoral legislation. Prerequisite(s): POSC 101.

POSC 405. Politics and Public Policy

An analysis of the policymaking process with emphasis on the various factors influencing the content and consequences of public policy and an examination of specific issues. Prerequisite(s): POSC 101.

POSC 408. American Political Thought

This course introduces students to the multitude of ideas that serve as the basis for political discourse in the United States today, with emphasis upon the variety of political perspectives that have obtained significance in different historical periods and their relevance for contemporary political thought. Prerequisite(s): POSC 101, 402, or permission of the instructor.

POSC 410. Comparative Politics: Latin America and Africa

An examination of the political institutions and processes in selected Third World countries, including, at the instructor's discretion: Latin America, the Middle East or the Far East. Prerequisite(s): POSC 100, 101 or 210.

POSC 415. Comparative Politics: Arab Middle East

An analysis of Arab politics and culture in Egypt, Syria, Iraq, Jordan, Saudi Arabia and Lebanon. Emphasis is given to the Israeli-Palestinian conflict and its implications for the region. Prerequisite(s): POSC 100, 101, or 210.

POSC 420. Politics of Race in America

Analysis of racial politics in the United States, with special attention given to historical shaping of the political culture, the civil rights movement, electoral college and current controversies over racial elements implicit in public policies. Prerequisite(s): POSC 100, 101 or 210 with grade of C.

POSC 430. Empirical Analysis

The course will expose the student to an advanced role of theory in research, forming hypotheses and research questions, identifying variables, and gathering and analyzing statistical data. Students will undertake a practical opportunity to apply basic research methods to a problem or question in the field of political science by synthesizing all of their coursework and extant academic preparation into a final research project. The student will utilize theory and the statistical methodology as well as policy analysis, ethics and writing skills to produce a piece of original research.

Prerequisite(s): Faculty Approval.

POSC 497. Internship (3-12 credit hours)

For political science majors and students in other majors who qualify to participate in one of the various internship opportunities offered through the university. It may be taken for a maximum of three credit hours, unless it is the Judith Herndon Fellowship or the Higher Education Fellowship for 12 credit hours or some comparably competitive and demanding fellowship for a maximum of six credit hours. Only six earned internship credits can be applied towards upper-division requirements in political science.

Prerequisite(s): Permission of instructor.

Political Science Faculty

Palubinskas, Ginta T. (2013) Associate Professor of Political Science, B.A. Loyola Marymount University; M.A., George Washington University; Ph.D., George Mason University, 2003. Areas of research: Democracy and energy security, economic and societal transformation, interaction of political and cultural change and democratization.

Vaughan, Frank D. (2006), (2008), Associate Professor and Program Coordinator of Political Science. B.A, Emory and Henry College; M. A., West Virginia University; Ph.D., West Virginia University, 2006. Areas of research: The Resolution of Civil Wars and American Political Development.

Psychology

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 Program Coordinator
 123 Hill Hall
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 perdue@wvstateu.edu

The Psychology Program of West Virginia State University serves varied purposes for its diverse clientele. For those students seeking training for professions in the field, we strive to present the necessary information, skills and experience to prepare them for graduate school, careers, or both. For those students in our service courses, our goals are to present a balanced, comprehensive view of psychology as a legitimate area of science, while likewise emphasizing the practical importance of the subject matter in their daily lives.

In addition to scholarship, the program continues to maintain an active research profile, a referral service for those students in need of counseling, advising to all students interested in careers in the field, recognition of academic excellence through the departmental honor society, and an active voice in community service through off-campus classes and public speaking engagements.

As psychology is an ever more technical field, the program strives to expand computer facilities and increase opportunities for students to gain necessary experience in this area. Courses will continue to be updated to reflect new information, particularly in the biological areas of the discipline. Other areas, including those in the social sciences, social work, and nursing, will continue to profit from the expertise of psychology as it relates to their disciplines.

Our program continues to attract quality students through its qualified instructors, challenging courses and modern facilities. Our small faculty-to-student ratio contributes to an intimate learning atmosphere that is furthered by a group of

dedicated, accessible faculty. Classes are conveniently scheduled to accommodate the wide variety of students that our program attracts. The West Virginia State University psychology program will continue its efforts to provide proper instruction, on all levels, to those who seek our knowledge, advice, and guidance.

Bachelor of Arts in Psychology

120 hours required for graduation

General Education – 35-38 Hours Major - 45 Hours

PSYC 151, 175, 200, 315, 390, 412

- Two courses from: PSYC 303, 306, 309, 310, 320, 325, 330
- Two courses from: PSYC 245, 290, 300, 307, 308, 312, 330
- Two courses from: PSYC 207, 215, 301, 330, 335, 340, 398, 400, 401
- One additional course from any of the above groups

Required Cognate - Six Hours

Six hours of one foreign language, excluding courses on foreign cultures taught in English.

Electives

To bring total to 120 hours

Minor in Psychology - 15-16 Hours

PSYC 151; Take the remaining 12 hours from any 2 of the 3 following groups.

Group One: 303, 306*, 309, 310, 320*, 325*, 330*, 200

Group Two: 245, 290, 300, 307*, 308, 312, 330, 200

Group Three: 207, 215, 301, 335, 340, 398*, 401, 330, 200.

*If Statistics for the Social Sciences (PSYC 200) is a prerequisite for any of the above listed courses, the student must take PSYC 200 first.

Psychology Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
G ED Mathematics	3
G ED Oral Communication.....	3
PSYC 151 (also fulfills G ED Social Science).....	3
G ED 101	3
Semester Total	15

Second Semester

G ED Written Communication II	3
G ED Humanities	3
G ED Arts	3
PSYC 315.....	3
PSYC 175.....	1
PSYC 200 or 300 Level	3
Semester Total	16

Sophomore Year

First Semester

G ED International Perspectives	3
G ED Scientific Reasoning	3-4
G ED Wellness.....	3
PSYC 207, 215, 301, 330, 335, 340, 398 or 401.....	3
PSYC 200.....	4
Semester Total	16-17

Second Semester

Elective	3
G ED Natural Science	3-4
G ED History	3
One class from any PSYC group	3
Free Elective	3
Semester Total	15-16

Junior Year

First Semester

One class from any PSYC group	3
One class from any PSYC group	3
PSYC 303, 306, 309, 310, 320, 325 or 330	3
PSYC 245, 290, 300, 307, 308, 312 or 330	3
Elective	3
Semester Total	15

Second Semester

PSYC 390	4
One class from any PSYC group	3
PSYC 207, 215, 301, 330, 335, 340, 398 or 401	3
PSYC 303, 306, 309, 310, 320, 325 or 330	3
Elective	3
Semester Total	16

Senior Year

First Semester

PSYC 412	3
Elective	3
Elective	3
Elective	3
Elective	3
Semester Total	15

Second Semester

PSYC 245, 290, 300, 307, 308, 312, or 330	3
Elective	3
Elective	3
Elective	3
Elective	3
Semester Total	15

Psychology Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

PSYC 151. General Psychology

A general survey of principles, theories and fields of psychology with emphasis on application. (Course is designed for the student who wishes to gain a greater understanding of human behavior, both adaptive and non-adaptive.) Prerequisite(s): eligibility for ENGL 101.

PSYC 175. Psychology as a Profession (1 credit hour)

An overview of psychology as an undergraduate major, as well as an introduction to post-baccalaureate educational and career opportunities in the field. Prerequisite(s): PSYC 151, eligibility for ENG 101.

PSYC 200. Statistics for the Social Sciences (4 credit hours)

A basic course designed to teach the major statistical concepts, procedures, techniques and interpretations to beginning students in the behavioral sciences. Emphasis is on application rather than theory. Prerequisite(s): Completion of MATH 120 or 111.

PSYC 207. Psychological Adjustment

Dynamics, development and problems of human adjustment with emphasis on the normal personality. Prerequisite(s): PSYC 151.

PSYC 215. Community Mental Health

Introduction to the concepts of mental health and primary prevention with emphasis on the effect of social systems on mental health and performance. Prerequisite(s): PSYC 151 or permission of the instructor.

PSYC 245. Sex Roles

This course examines sex roles from a gender and psycho-social perspective. The major impact of sex roles and sex role expectations upon major areas of psycho-social functioning will be examined. Prerequisite(s): PSYC 151.

PSYC 290. Lifespan Developmental Psychology

An examination of the major theories, research and methods of lifespan developmental psychology. Prerequisite(s): PSYC 151. (Formerly PSYC 411)

PSYC 300. Social Psychology

Survey of theories and evidence regarding social influences on behavior. Prerequisite(s): PSYC 151.

PSYC 301. Tests and Measurements

Theory of psychological testing: emphasis on statistics of test construction, reliability and validity. Includes a critical evaluation of the more common intelligence, achievement, aptitude, interest and personality tests. Prerequisite(s): PSYC 151 & 200.

PSYC 303. Physiological Psychology

A study of the physiological and neuroanatomical mechanisms underlying human behavior. Prerequisite(s): PSYC 151 & 200; junior standing or permission of instructor.

PSYC 305. Intermediate Behavioral Statistics

Data analysis procedures and multivariate research design. Topics include analysis of variance, multiple regression analysis, simple discriminant function, factor analysis and computer application. Prerequisite(s): PSYC 200 and permission of the instructor.

PSYC 306. Health Psychology

This course is designed to introduce students to the field of health psychology and behavioral medicine; to outline the basic activities of clinical health psychologists; and to provide an understanding of the topography of disease and illness in the twenty-first century. The leading causes of death worldwide and in the United States will be examined, as well as risk factors for these illnesses. Students will also have the opportunity to explore their individual health status and embark on the journey to a healthier lifestyle. Prerequisite(s): Junior status and permission of instructor.

PSYC 307. Forensic Psychology

This course will provide students with an overview of the role psychologists play in the criminal justice system. Course topics will include psychological factors in civil and criminal trials, criminal profiling, interrogation, competence to stand trial, the insanity defense, risk assessment, and the reliability of eyewitness testimony. Prerequisite(s): PSYC 151

PSYC 308. Psychology of Human Differences

The study of age, sex and environmental influences on individual differences. The course will also cover research and theory dealing with the interactions of genes and environment in the development of individual differences. Prerequisite(s): PSYC 151 and 200.

PSYC 309. Motivation and Emotions

Classical and contemporary theories of motivation and emotion. Includes investigation of basic human biological, social and affiliative motives and the relationship of those motives to emotional states. Prerequisite(s): PSYC 151 and 200.

PSYC 310. Learning and Memory

This course involves an examination of the basic principles of learning theory and the nature, structure and processes of human memory. Prerequisite(s): PSYC 151 & 200 or permission of the instructor.

PSYC 312. Industrial and Organizational Psychology

This course involves the application of psychological principles, particularly of systems and organizations, to behavior in industrial, business and managerial

environments. Prerequisite(s): PSYC 151, 200 and junior standing or permission of instructor. (Formerly PSYC 208)

PSYC 315. History and Systems of Psychology

A review of the history of psychology, including a survey of the philosophical and scientific antecedents of contemporary psychology. Prerequisite(s): Junior or senior standing.

PSYC 320. Sensation and Perception

This course includes an examination of the structure and function of the major sensory systems and their relationship to basic and complex perceptual processes. Prerequisite(s): PSYC 151 & 200.

PSYC 321-322. Special Problems in Psychology (1-3 Credit Hours)

Independent work on a special problem with any member of the psychology faculty. For majors only. Prerequisite(s): Junior standing in psychology and permission of the instructor and chairperson of the department. (Maximum of six hours may be earned.)

PSYC 325. Comparative Behavior

A review of the various effects of evolution, structure and physiology on both innate and learned aspects of animal and human behavior. Prerequisite(s): permission of instructor.

PSYC 330. Special Topic Seminar (1-3 Credit Hours)

Seminars on special topics of psychological interest will be provided for majors and non-majors, as determined by need and availability of staff. Topics will include titles such as: The Psychology of Women, Parapsychology, Human Sexual Behavior, Race Differences, Psychology of Aggression, Humanistic Psychology, Behavior Modification and Psychology for Criminal Justice majors. Prerequisite(s): Junior or senior standing and permission of the instructor.

PSYC 335. Abnormal Psychology

This course is a study of the etiology, classification and treatments of abnormal behavior. Prerequisite(s): PSYC 151 and permission of the instructor.

PSYC 335H Abnormal Psychology Honors

This course is designed to introduce students to the distinction between normal and abnormal behavior, the current classification system for psychopathology, principles of assessment, and behavioral characteristics of the most common psychological disorders. Students will also conduct a literature review on an approved topic and submit a paper written in American Psychological Association (APA) style. Prerequisite(s): Psychology 151, permission of instructor and admission to and participation in the Honors Program.

PSYC 340. Clinical Psychology

Course is designed to introduce the students to the concepts, methods, and profession of Clinical Psychology. Focus is on professional issues, assessment and diagnostic techniques

and methods of therapeutic intervention. Prerequisite(s): PSYC 151 and permission of instructor.

PSYC 390. Research Methods (4 credit hours)

This course includes an intensive study of the use of research methods in psychology. Additional topics include ethics, effective library utilization, professional writing and oral presentations. Students devise individual research projects to develop necessary skills in these areas. Prerequisite(s): Junior standing, PSYC 151, 175, 200, and 2 other PSYC classes. (Formerly PSYC 205)

PSYC 398. Clinical Field Experience in Psychology

Placement of qualified upper-level students in local mental health agencies/hospitals for the purpose of supervised observation and clinical service delivery commensurate with the student's educational level. Students will incorporate and integrate knowledge and skills obtained in coursework into applied situations. May be repeated to a maximum of six credit hours. Prerequisite(s): 30 hours earned, with a minimum of 9 credit hours in Psychology; PSYC 335 or 340; minimum cumulative GPA of 2.75; or permission of instructor.

PSYC 400. Childhood Psychopathology

This course is a study of the etiology, classification and treatments of abnormal behavior in childhood and adolescence. Prerequisite(s): PSYC151.

PSYC 401. Psychology of Personality

The study of classical and contemporary theories of personality including relevant research. Prerequisite(s): PSYC 151 and junior standing or permission of the instructor.

PSYC 412. Senior Seminar

A capstone course designed to prepare psychology majors for employment and/or graduate training in the discipline. Emphasis is on the skills which are essential to the practice of psychology, such as written and verbal communication, library utilization and expansion of knowledge base. Assignments include completion of a written senior thesis, oral defense of same and a comprehensive exam based on courses already completed. Prerequisite(s): PSYC 151, 175, 200, 315, 390 and senior standing.

PSYC 412H. Senior Seminar Honors

A capstone course designed to prepare psychology majors for employment and/or graduate training in the discipline. Emphasis is on the skills which are essential to the practice of psychology, such as written and verbal communication, library utilization, and expansion of knowledge base. Assignments include completion of a written senior thesis, oral defense of same and a comprehensive exam based on courses already completed. Senior Seminar Honors requires honor students to engage in a creative collaborative mentorship with the designated faculty for the completion of all parts of the senior thesis. This creative component can

involve various professional aspects of psychology such as the production of research. This added honors course requirement will require an additional 20 percent more coursework than Psychology 412 to satisfy the honors requirements of this course. Prerequisite(s): Psychology 151, 175, 200, 315, 390, senior standing and admission to and participation in the Honors Program.

Psychology Faculty

Francis, Rebecca S. (1979), Professor of Psychology. B.S. University of Dayton; M.S. University of Bridgeport; Ph.D. University of Tennessee, 1979. Areas of research: Cognitive Predictors of Proenvironmental Behaviors.

McCoy, Paula M. (2001), Associate Professor of Psychology. B.A. West Virginia University; M.A. Marshall University; Ph.D. University of North Texas, 2001. Areas of research: Stress, health and coping; Psychotherapy outcomes.

Perdue, Charles W. (1987), Professor and Program Coordinator of Psychology. B.A. Denison University; M.A. Princeton University; Ph.D. Princeton University, 1983. Areas of research: Health-related quality of life (e.g., the impact of obesity and other chronic health problems).

Seyedmonir, Mehdi (2007), Associate Professor of Psychology. B.A. West Virginia State University; M.A. West Virginia University; Ed.D. West Virginia University, 2000. Areas of research: Conceptual change; self-directed learning and behavioral change; learning strategies and problem solving; and efficacy of technology-enhanced learning and instructional approaches.

Sociology/Philosophy

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Sociology

Sociology is the scientific study of social life, social change and the social causes and consequences of human behavior. Sociologists investigate the structure of groups, organizations and societies, and how people interact within these contexts. Since human behavior is shaped by social factors, the subject matter of sociology ranges from the intimate family to the hostile mob; from organized crime to religious cults; from the divisions of race, gender and social class to the shared beliefs of a common culture; and from the sociology of work to the sociology of sports. In fact, few fields have such broad scope and relevance for research, theory, and applications of knowledge.

Sociology provides many distinctive perspectives on the world, generating new ideas and critiquing the old. The field also offers a range of research techniques that can be applied to virtually any aspect of social life, such as street crime and delinquency, corporate downsizing, how people express emotions, welfare or education reform, how families differ and flourish, or problems of peace and war. Because sociology addresses the most challenging issues of our time, it is a rapidly expanding field whose potential is increasingly tapped by those who construct policies and create social programs. Students with an interest in understanding how society influences people's behavior would find sociology stimulating and rewarding. Sociology prepares students for graduate school, and is an excellent background for those who desire careers in the areas of social services (e.g., youth services), family counseling, law, ministry, government services, teaching, policymaking, population research, personnel management, industrial policies, marketing, criminal justice, etc.

Goals:

The Sociology curriculum is designed to equip students with the skills to achieve the following five student-oriented goals:

- Students will identify the structure of a sociological argument.
- Students will master the key concepts and theories in sociology.
- Students will develop critical thinking and will be able to evaluate theoretical concepts/perspectives.
- Students will learn to assess the role of social context in determining the social location of an individual.
- Students will design and implement an independent research project.

Bachelor of Arts in Sociology

120 hours required for graduation

General Education – 35-40 Hours

Major - 18 hours

Core Courses

SOC 101, 208, 310, 311, 320, 420.

Major Electives – 21 hours

Choose any seven sociology courses from the catalog. The student must choose four (i.e., 12 hours) courses from 300 level or above.

Core Cognates - 19 Hours

PSYC 200, POSC 101, ECON 101, HIST 207 or 208, ENGL 112 or ENGL 201 or ENGL 204, Modern Foreign Language (three hours)

Math Requirement

Math 120 or Math 111

(Six credit hours of Internship may be used for elective hours.)

Free Electives

No more than the amount of hours required to reach 120 hours needed for graduation.

Minor in Sociology - 15 Hours

SOC 101, 310, 311 and two SOC electives.

Philosophy

The Philosophy minor offers special interest courses. Philosophy courses are administered by the Department of Social and Behavioral Sciences.

Minor in Philosophy - 15 Hours

Students enrolled in other degree programs at West Virginia State University can enhance their degree by adding a Minor in Philosophy. Requirements for a Philosophy Minor are 15 credit hours in Philosophy including:

PHIL 201 Introduction to Philosophy
PHIL 202 Ethics
PHIL 310 Logic

Two elective courses in Philosophy from the following are required:

PHIL 203 Ancient and Medieval Philosophy of the West
PHIL 204 Modern Philosophy
PHIL 205 Existentialism
PHIL 220 Philosophy of Science
PHIL 303 Contemporary Philosophy
PHIL 316 Independent Study in Philosophy

The following courses offered in the Political Science Department are also approved as Elective courses:

POSC 401 Classical Political Thinkers
POSC 402 Modern Political Thinkers

Students should consult the coordinator of Sociology and Philosophy for information.

Sociology/Philosophy Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	SOC 311	3
G ED 101	3	Cognate.....	3
G ED Scientific Reasoning	3-4	SOC 310	3
SOC 101	3	G ED Wellness	2
G ED Oral Communication.....	3	SOC 300 or 400.....	3
Semester Total	15-16	Semester Total.....	14
Second Semester		Second Semester	
G ED Written Communication II	3	Free Elective.....	3
G ED Arts	3	SOC 300 level	3
G ED Natural Science	3-4	Cognate.....	3
Cognate	3	ENGL 150	3
G ED Mathematics.....	3	Free Elective	3
Semester Total	15-16	Semester Total.....	15
Sophomore Year		Senior Year	
First Semester		First Semester	
G ED Humanities	3	G ED International Perspectives.....	3
HIST 201 or 202	3	Cognate.....	3
Foreign Language	3	SOC 300 or 400	3
SOC 200 level	3	Free Elective	3
Free Elective	3	Free Elective	3
Semester Total	15	Semester Total.....	15
Second Semester		Second Semester	
Free Elective	3	G ED Social Sciences.....	3
Cognate	3	SOC 420	3
Elective	3	SOC 400 level	3
SOC 200 level.....	3	Free Elective	3
PSYC 200.....	3	Semester Total.....	12
Semester Total	15		

Sociology/Philosophy Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

Sociology

SOC 101. Introduction to Sociology

A general survey of the discipline, its methods, basic concepts and area of study. The course examines man's organization and institutional life, the social process of socialization, conflict and its resolution and social change.

SOC 205. Introduction to Appalachian Studies

This course is an interdisciplinary introduction to Appalachian studies. It explores themes and issues, such as Appalachian peoples' ethnic heritage, the history of subsistence and extractive economies, and distinctive linguistic, religious and cultural expression, that are important in the history, development and future of the Appalachian region. Prerequisite(s): ENGL 101 or permission of the instructor.

SOC 206. Social Problems

Nature and meaning of social problems; the incidence and characteristics of selected social problems of major public interest; analysis of proposed solutions

SOC 208. Race and Ethnic Relations in American Society

A study of race and ethnic relations from a comparative perspective. The course includes a strong American component with emphasis on the experiences of such minorities as African-Americans, Hispanic Americans and Asian Americans.

SOC 212. Urban Sociology

A study of urban structure and ecology, particularly in light of the planning movement and urban populations, and the growth and development of urban communities. Emphasis is placed on conceptual frame of reference for the study of cities, types of social behavior in cities, influences of city life on personality, as well as urbanization from a world perspective.

SOC 270. Cultural Anthropology

A comparative study of world cultures from the anthropological perspective including an emphasis on economic systems (from traditional to modern), social stratifications, gender roles, kinship relations, political organization and religious and cultural values.

SOC 303. Sociology of Family

The main focus of the course is to analyze family as a social system. It will involve studying the family life cycle stages, tasks and difficulties that families may experience as they move through their developmental stages. The course content will involve defining problems, questioning assumptions, recognizing biases and forming reasonable

solutions to problems about families. Prerequisite SOC 101 or by permission.

SOC 305. Birth-Death-Migration: A Cross-Cultural Study of Population

Birth, Death and Migration is a cross-cultural study of the world's population and those factors (social and biological) which create population growth and change over time. Prerequisite(s): SOC 101.

SOC 307. Sociology of Religion

A study of the relationship of religion and society. The origins of religious institutions, structure, function and role in change or stability of the social system.

SOC 308. World Religions

An overview of the world's major religions including Buddhism, Hinduism, Confucianism, Islam, Judaism, Christianity and African and Native American. An examination of religious practices, historical development, doctrines and world views. Emphasis is placed upon human problems, community and ethical issues and relations to other religions and world affairs. Cross-listed with PHIL 308. Prerequisite(s): ENGL 102.

SOC 310. Sociological Theory

The sociological theories of the 19th and 20th centuries are presented in their chronological order in regard to the schools and important thinkers. Attention is given to contemporary concepts, micro/macro perspectives, the leading theories of functionalism, conflict theory and social-psychological theories (from behaviorism to ethnomethodology) and theory structuring in light of new empirical findings. Prerequisite(s): SOC 101

SOC 311. Methodology and Research

Introduction to the concepts and methods of social science research: the role of theory in research, forming hypotheses and questions, identifying variables and gathering and analyzing statistical data. Emphasis will be on developing good writing skills and using computers for basic statistical evaluation. This course meets the requirements of CJ 315 and POSC 311. Prerequisite(s): Junior classification and a C grade in ENGL 102 and PSYC 200.

SOC 316. Independent Studies in Sociology (2-4 credit hours)

Independent work on a special sociological program. May be taken for a maximum of eight hours. Prerequisite(s): Sociology major of junior standing and permission of the chairperson of the department and the instructor involved.

SOC 320. Sociology of Gender

This course is designed to explore how gender is constructed and how the pervasiveness of gender is a way of structuring social life. Sociology of gender involves both the study of femininities and masculinities, the cultural meaning associated with being women and men in our society, how

gender influences the interaction between people, how the structures of our societal institutions, such as organization of work, and education create gendered meanings, and how the meaning of gender changes overtime. Prerequisite SOC 101 or permission of the instructor.

SOC 321. Sociology of Health and Medicine

An introduction to the sociology of health and medicine. Emphasis is on the relationships between social factors and health. The course will survey both the theory and practice of medicine in its social setting. Prerequisite(s): SOC 101 or permission of instructor.

SOC 322. Criminology

This course focuses on the theories of crime. These theories come from several fields, including biology, criminal justice, psychology and sociology. The theories will be examined from a historical perspective beginning with the Classical School in the 1700's and progressing to the newest integrated theories. The types and extent of crime in the United States and other countries will also be explored. Prerequisite(s): Junior classification and a C grade in ENGL 102 and PSYC 200.

SOC 399. Special Topics (1-4 credit hours)

Regular courses or seminars on special topics of sociological interest for majors and non-majors as determined by need.

SOC 406. Social Inequality

This course will address the complicated and complex issues of wealth and power differences, which are linked in inextricable ways with class, gender and race/ethnicity. The course will focus on how these attributes when associated together create and reinforce inequalities in society. The course has a multidisciplinary perspective. Prerequisite SOC 101 or permission of the department chairperson and the instructor.

SOC 410. Sociology Field Experience (3-6 credit hours)

Placement of sociology students in various community agencies for the purpose of helping them to integrate and test theories advanced in the classroom. Prerequisite(s): Junior standing, approval of the department chairperson and supervising instructor, and nine hours in sociology, including SOC 101. (May be taken for a maximum of six hours.)

SOC 420. Senior Seminar

A systematic survey of sociological theory and a summary and analysis of sociology and its related fields with emphasis on their interrelationships. (Should be taken in last semester of coursework.) Prerequisite(s): 15 credit hours of elective sociology and six hours of required sociology courses including SOC 101.

Philosophy

PHIL 201. Introduction to Philosophy

Study of living issues in the field of philosophy.

PHIL 202. Ethics

A study of the principles of value and moral obligation.

PHIL 203. Ancient and Medieval Philosophy of the West

Historical consideration of ancient and medieval thinkers with special emphasis in Greek philosophy.

PHIL 204. Modern Philosophy

Representative thinkers of the modern period from Descartes to Kant. Prerequisite(s): PHIL 203.

PHIL 205. Existentialism

Existentialism in philosophy and literature and its meaning for contemporary society.

PHIL 220. Philosophy of Science

A survey of the major traditional and contemporary topics of science, its paradigms, assumptions, theories, laws, explanation, prediction, measurement, causality and limits, viewed from the perspectives of epistemology, metaphysics and ethics. Prerequisite(s): 30 credit hours.

PHIL 303. Contemporary Philosophy

Types and problems of contemporary philosophy with special reference to idealism, realism, logical empiricism and Marxism.

PHIL 308. World Religions

An overview of the world's major religions including Buddhism, Hinduism, Confucianism, Islam, Judaism, Christianity and African and Native American. An examination of religious practices, historical development, doctrines, and world view. Emphasis is placed upon human problems, community and ethical issues, and relations to other religions and world affairs. Prerequisite(s): ENGL 102.

PHIL 310. Logic

A study of the methods and principles of valid reasoning.

PHIL 316. Independent Study in Philosophy (1-3 credit hours)

Independent study on special topics in Philosophy as determined by need and faculty availability. Prerequisite(s): PHIL 201, 202 and 310.

PHIL 401. Classical Political Thinkers

A critical analysis and tracing of influences of major political theorists from earliest time to the early modern period: from Plato through Hobbes. Cross-listed with Political Science 401. Prerequisite(s): PHIL 201 and ENGL 102.

PHIL 402. Modern Political Thinkers

A critical analysis and tracing of influences of the major political theorists from Hobbes, Locke and Rousseau through Lenin. Cross-listed with Political Science 402. Prerequisite(s): PHIL 201 and ENGL 102.

Sociology/Philosophy Faculty

Mosby, Gail A. (2006), Associate Professor and Program Coordinator of Sociology. B.A., West Virginia State College (now University); M.Ed., Texas Southern University; Ph.D., The University of Tennessee at Knoxville, 1995. Areas of research: Social Antecedents, Consequences, Reactions and Responses to Black on Black Crime; Reactions to the Demographic Browning of America; Ecosystem Distrust; Mundane Extreme Environmental Stress.

Ray, Manashi (2011), Assistant Professor of Sociology. B.A. University of Poona, India; M.A. Maharaja Sayajirao University of Baroda, India; Ph.D. Michigan State University, 2010. Areas of research: Globalization, International Migration and Transnationalism, Race and Ethnic Relations, Gender.

Master of Public Administration

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The Political Science Program in the College of Business and Social Sciences offers a Master of Public Administration (MPA) degree for those interested in public management and service. The MPA curriculum prepares students for careers in the public sector and offers those already in public service the opportunity to enhance and hone their competencies.

Utilizing a cohort model, this MPA is specifically geared towards busy professionals. Potential students include public service professionals interested in enhancing their credentials, those seeking a career change and recent college graduates.

Students with relevant professional experience will complete the Program in 36 credit hours, while pre-professional students will be required to take an additional six credit hours of internship for 42 credit hours. In order to graduate with the degree in Public Administration from WVSU, every student must complete all coursework with a cumulative grade point average of 3.0 on a 4.0 scale. Students who accumulate more than two “C” grades will be dismissed from the WVSU MPA.

Program Objectives

The objective of the MPA program at WVSU is to develop public administrators and policy analysts to become visionary leaders in public service. Graduates will be able to:

- Formulate and analyze policy initiatives.
- Apply appropriate business management practices to the public and non-profit sector.
- Analyze competing policy proposals by utilizing evidenced-based decision-making.
- Evaluate the quality of public policy proposals.

Admission Requirements

Students admitted to the program must have:

- A completed application
- A minimum undergraduate GPA of 2.70
- Standardized test scores from exams (GRE, GMAT, LSAT or MAT) completed no more than seven years prior to the application submission to the program
- The candidates who earned a bachelor’s degree from an accredited college or university and achieved a cumulative GPA of 3.0 or higher are eligible to waive the standardized test requirement

- Candidates who have experience working as a manager or an administrator of a company or government agency can request to waive the standardized test requirement
- A current resume or curriculum vitae
- Two recommendation letters
- Demonstrate knowledge of American Government
- At least one course in statistics or research methodology
- All candidates for whom English is not their native language must take either the Test of English as a Foreign Language (TOEFL) or the IELTS Exam. On the TOEFL, a minimum of score 500 (paper-based exam), 173 (computer-based), or a 61 (Internet-based) is required. On the IELTS, a minimum score of a 6 is required. These candidates may choose to submit the TOEFL or IELTS exam. Graduates of English speaking universities will have TOEFL requirements waived
- Applicants can be granted conditional admission

Curriculum

The MPA curriculum is divided between core courses, which are required for all students graduating with an MPA, and elective courses. Students will be able to choose between the elective courses offered to better structure the program of study to suit individual needs. The core courses are designated based upon National Association of Schools of Public Administration and Affairs (NASPAA) standards for accreditation of public administration programs. The WVSU MPA curriculum is designed to be in line with NASPAA standards. The courses are also divided between two areas of concentration. The administration and management courses focus on the executive side of public administration while the policy and research courses focus on measuring the impact of public policy. Graduates will have a mastery of the skills necessary to serve in leadership positions in the public sector as well as the analytical policy skills necessary to develop, implement and evaluate the impact of public policies.

Administration and Management Courses:

- MPA 600 Introduction to Public Administration
- MPA 605 Public Policy Process and Analysis
- MPA 610 Human Resource Management in the Public Sector
- MPA 615 Research Methods for Public Affairs
- MPA 620 Public Accounting, Budgeting and Financial Management
- MPA 625 Statistical Analysis for Public Affairs
- MPA 630 Organizational Theory and Behavior
- MPA 640 Economic Analysis for Public Administrators
- MPA 650 Contemporary Issues in Public Administration Seminar
- MPA 655 Capstone Research Experience

Master of Public Administration Course Descriptions

MPA 600. Introduction to Public Administration (3 credit hours)

This course will introduce the student to the field of public administration. It is an exploration of the foundations of the system. It begins with how intergovernmental relations impact local program management and administration. The major areas covered are historical and constitutional aspects of federalism, intergovernmental relations, public policy making in a federal system, regulation in the intergovernmental context, and ethical decision-making within the public realm. Students will become familiar with the legal, ethical and political foundations of the discipline and the current theories regarding its practice.

MPA 605. Public Policy Process & Analysis (3 credit hours)

An analysis of the policy making process with emphasis on the various factors that influence the content and consequences of public policy. A discussion of intergovernmental relations, private and public interactions, and how an understanding of each shapes policy is necessary. The course will highlight specific issues that are crucial to the practice of public administration.

MPA 610. Human Resource Management in the Public Sector (3 credit hours)

This course will examine the traditional and contemporary human resource management apparatuses for the public and non-profit sector. The course explores these systems in relation to the institutions and individuals involved. The course discusses the complexities of the five categories of the human resource systems, namely political appointees, professional careerists, general civil service, unionized workers and contractual employees. Emphasis will be placed upon the inherent value to the role each one plays within the functions of government.

MPA 615. Research Methods for Public Affairs (3 credit hours)

This course is an introduction to the concepts and methods relating to public administration and affairs research. The course will expose the student to the role of theory in research, forming hypotheses and research questions, identifying variables, and gathering and analyzing statistical data. Emphasis will be placed upon developing good writing skills, gathering and operationalizing data, using computers for basic statistical evaluation.

MPA 620. Public Accounting, Budgeting & Financial Management (3 credit hours)

This course will examine the standard practices of accounting, budgeting and financial management in the public and non-profit sector. Topics to be addressed include revenue streams, expenditures, operating budgets, short- and long-term budgetary decision-making, capital budgeting, the

preparation and interpretation of budgetary reports, and the analysis of budgetary forecasts. Special emphasis will be placed on the utilization of best practices in accounting and financial decision-making, the analysis of budget cycles, and the ability to produce budgets in standard formats.

MPA 625. Statistical Analysis for Public Affairs (3 credit hours)

Building upon what the students learned in 615, students will undertake a practical opportunity to apply quantitative analysis to a problem or question facing the field of public administration. The students will execute a semester-long research project and produce a professional quality report on said project.

MPA 630. Organizational Theory and Management (3 credit hours)

This course introduces students to the principles and practices of organization theory and management relevant to the public administrator. It will address organizations as complex systems and emphasize the management of organizational structure, processes and change in the public and non-profit sector. Leadership, planning, organizing and controlling complex organizations will be emphasized.

MPA 635. Program Evaluation and Performance Measurement (3 credit hours)

The course introduces the student to the basics of program evaluation and performance measurement in public administration and affairs. The student will learn the foundations of professional judgment when assessing programs. Special emphasis will be placed upon the organizational and methodological skills involved in program evaluation and performance measurement in public administration based on the analysis of quantitative and/or qualitative data.

MPA 640. Economic Analysis for Public Administrators (3 credit hours)

This course will introduce the student to the theories and concepts of economics as related to public administration and public policy analysis. While viewing economic considerations as both a tool of public administration and an input into the public policy making process, this course will examine the importance of scarcity and resource allocation in the public realm, the use of both cost-benefit analysis and statistical tools of economic analysis in assessing the relative value of competing policy proposals, as well as the economics of monopolies, oligopolies and competitive firms in the marketplace.

MPA 645. Contemporary Issues in Public Policy (3 credit hours)

This course will introduce the student to the most pertinent topics and literature regarding public policy, particularly the policy that is critically connected to public administration. The course will consider notions of policy intentions and outcomes. The relevant policy topics will be presented using

practical examples and case studies. This approach will require the student to critically engage the policy through standard approaches of analysis and problem solving.

MPA 650. Contemporary Issues in Public Administration Seminar (3 credit hours)

This course will introduce the student to an examination of the most important and topical issues in public administration, paying particular attention to the newest trends in public management theory and practice as well as ethical considerations related to the field. The course is designed to integrate and synthesize the information and knowledge gained throughout the students' time in the MPA program.

MPA 655. Capstone Research Experience (3 credit hours)

This course will connect and synthesize all of the MPA coursework and extant academic preparation to the student's professional career. The student will utilize the theories, the critical thinking skills, and the statistical methodologies as well as the policy analysis, ethics, and managerial skills to

engender an understanding of their role and approach to public administration.

Master of Public Administration Graduate Faculty

Pennington, Michael. (2015), MPA Program Director and Associate Professor of Political Science. B.A., West Virginia State University; 1997. M.P.A., West Virginia University, 1998; Ph.D. Texas A&M, 2008. Areas of research: Human resources management, regulatory policy and economic development.

Vaughan, Frank D. (2006), (2008), Chair, Department of Social and Behavioral Sciences, Associate Professor and Program Coordinator of Political Science. B.A, Emory and Henry College; M. A., West Virginia University; Ph.D., West Virginia University, 2006. Areas of research: The Resolution of Civil Wars and American Political Development.

COLLEGE OF NATURAL SCIENCES & MATHEMATICS

Mission Statement

The West Virginia State University College of Natural Sciences and Mathematics exists, first to educate students so that they can understand, utilize and improve upon scientific and mathematical principles and relate such principles to the rest of human knowledge; second, to promote scientific and mathematical literacy on the part of students of other colleges of the University; and third, to utilize the expertise of its faculty in service to the state and to the people and institutions of the surrounding area.

By instruction and mentoring, the College will promote students' motivation as well as knowledge and skills, and through research, the faculty will set an example to the students, making it clear that knowledge is not just to be learned, but also to be created and advanced, by humankind's efforts.

Its graduates are expected to have broad familiarity with the many fields of knowledge that have been promoted by humankind's intellectual and creative skills, as well as a deep understanding of at least one of the areas of natural science or mathematics, along with a set of skills for probing such areas as to develop new knowledge, solve problems and enjoy the satisfaction of the intellectual adventure.

Baccalaureate Programs

Bachelor of Science in Biology

- Organismal and Environmental
- Biotechnology and Genetics
- Pre-medical and Biomedical Sciences

Bachelor of Science in Chemistry

- American Chemical Society Certified
- Applied Chemistry
- Pre-medical/Pharmacy Sciences

Bachelor of Science in Computer Science

Bachelor of Science in Mathematics

- Classical
- Applied

Education Specializations

- B.S. in Education, Content Specialization in General Science (Grade 5-Adult)
- Bachelor of Science in Education, Content Specialization in Mathematics (Grades 5-9; Grade 5-Adult)
- Bachelor of Science in Education, Content Specialization in Biology (Grades 9-Adult)
- Bachelor of Science in Education, Content Specialization in Chemistry (Grades 9-Adult)

Pre-Engineering

WVSU offers the first two years of curriculum in civil, industrial, or mechanical engineering that allows students to seamlessly transfer from West Virginia State University to the West Virginia University System (i.e., West Virginia University or West Virginia University Institute of Technology).

Graduate Programs

Master of Arts in Biotechnology

- Organismal/Environmental
- Molecular/Microbial

Master of Science in Biotechnology

- Organismal/Environmental
- Molecular/Microbial

College Staff

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Student Organizations

Beta Kappa Chi Scientific Honor Society

West Virginia State University is home to the Beta Chapter of Beta Kappa Chi (BKX). This national scientific honorary encourages advancement of scientific education through original investigation and promotes scholarship in the pure and applied sciences. To be eligible for membership, undergraduate students must have completed at least 17 semester hours in one of the five subjects recognized by BKX (i.e., Biology, Chemistry, Mathematics, Physics, or Psychology) with at least a 3.0 average and have completed at least 64 semester hours with an overall 3.0 average. Graduate students are eligible if they have completed at least 15 semester hours in one of the sciences recognized by the Society with a GPA of 4.0 in at least 1/3 of the hours and at least a 3.0 in the remaining 2/3 semester hours. Faculty advisor: Dr. Tim Ruhnke.

Delta Nu Alpha

The DNA Club is an active part of the West Virginia State University Biology Department. DNA is student-run and thoroughly inclusive, thriving on the participation of all sectors of the West Virginia State University community, which include undergraduate and graduate students of all majors, staff, faculty, alumni, friends and family members.

DNA blends the educational with the social and recreational. Typical activities include camping, hiking, challenge bowling and softball matches, and purely social get-togethers. In recent years, fundraising events have included sales of home-made chili, DNA Club tee shirts and greenhouse plants. One-third of all funds raised are set aside for philanthropic donations (e.g., Toys for Tots). DNA continues to cooperate with and support the Biology Department through such activities as an ongoing recycling effort and A Taste of Hamblin evening in support of the A.P. Hamblin Scholarship.

The DNA Club continues to welcome new members, new ideas and new plans for service to our department, university and community.

Student Affiliates of the American Chemical Society

The Student Affiliates of the American Chemical Society is a diverse group of students who want to advance science and education in the area. Any student who is interested in science can participate in community outreach, career development and research. Outreach activities include supplementing local science teaching at area schools (K-12) and community service. Career development opportunities consist of speakers through the local ACS chapter, meetings and industrial visits. Research opportunities involve working with faculty in the laboratories to prepare students for continuing their education after graduation. Faculty advisor: Dr. Micheal Fultz.

The Math Club

The Math Club is a student organization open to any student who wishes to do creative mathematical work. In the past, students tutored high school students and worked open house day. Faculty advisors are Dr. Sonya Armstrong and Dr. Naveed Zaman.

Biotechnology

Dr. Richard Ford
 Coordinator
 Biotechnology Graduate Program
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 fordri@wvstateu.edu

The goal of the Master's Degree in Biotechnology is to provide instruction in the broad field of biotechnology, as well as specialized training in the current concepts and technological advances of a sub-discipline of biotechnology. The Master of Science Degree in Biotechnology prepares students for careers in the biotechnology, pharmaceutical, health care and agricultural industries. The Master of Arts Degree in Biotechnology is also suitable for students who do not need a research-based degree. The program core is a two-semester sequence emphasizing current concepts and techniques in biotechnology. The remainder of the program consists of two curriculum tracks: organismal/environmental biotechnology and molecular/microbial biotechnology. The program is interdisciplinary and allows students the flexibility to create a plan of study focused on their career goals and personal interests.

Admission Requirements

General Master of Science and Master of Arts Admission Requirements

- Undergraduate degree from an accredited college or university with a strong background in biological sciences and physical sciences
- Overall undergraduate GPA of 3.0 on a 4 point scale
- Overall Natural Science GPA of 3.0 on a 4 point scale
- Minimum GRE General Test scores of 150 quantitative and 140 verbal
- TOEFL score of 80 IBT for students whose native language is not English
- Three letters of recommendation that address the applicant's academic competencies
- Letter of support from a research mentor who has agreed to sponsor the student (only required for students applying for the Master of Science program)

Applicants who do not meet the above requirements may be granted Conditional Admission by the Biotechnology Graduate Committee.

Specific Master of Science and Master of Arts Program Requirements

Biotechnology Program Core Classes for both Master of Science and Master of Arts Degrees
 12 credits of core classes:

- BT 511 Biotechnology Seminar (two credits total): One credit for each of two semesters
- BT 555 Biostatistics (three credits)

- BT 567 Current Concepts in Biotechnology (three credits)
- BT 571, BT 572 Techniques in Biotechnology (four credits total): Two credits for each of two semesters

Master of Science Degree Requirements

- 30 total credit hours: 12 credit hours of biotechnology program core courses, 12 credits elective classes in one of two areas of concentration, and six credit hours of graduate research BT 695 Master's Thesis Research
- Thesis project must be approved by the Biotechnology graduate faculty
- Research advisor must be a member of West Virginia State University faculty
- Thesis committee composed of three faculty (one may be an external examiner)
- The advisor and the student's thesis committee will assist the student in developing the plan of study for the Master of Science degree and thesis proposal. The student's thesis committee must accept both.
- Two sections of graduate teaching experience minimum
- Oral defense of thesis and public presentation of thesis research

Master of Arts Degree Requirements

- 36 total credit hours: 12 credit hours of biotechnology program core courses; and 24 credits elective classes in one of two areas of concentration
- No thesis required
- Two sections of graduate teaching experience minimum
- Written and/or oral comprehensive examination over the core graduate coursework

Performance Standards

A normal course load is nine credit hours for full-time graduate students. General requirements for graduation vary depending on the option chosen. All students must complete coursework with a cumulative GPA of 3.0. Students must complete all requirements within a period of five years following the date of admission to the program. The Dean of the College of Natural Sciences and Mathematics may extend these limits upon recommendation of appropriate program faculty and approval of the Biotechnology Graduate Committee.

Biotechnology Program Areas of Concentration

Organismal/Environmental

Choose elective classes from: BIOL 510, BIOL 521, BIOL 550, BIOL 565, BIOL 575, BIOL 605, BIOL 635, BIOL 660, BIOL 671, BT 501, BT 598, BT 599, CHEM 512

Molecular/Microbial

Choose elective classes from: BIOL 550, BIOL 561, BIOL 660, BIOL 635, BIOL 671, BT 501, BT 598 and BT 599, CHEM 512, CHEM 525, CHEM 531, CHEM 533

Graduate Certificate in Biotechnology

The Certificate in Biotechnology has an intended audience of persons with undergraduate degrees seeking to improve upon their skills and knowledge base, but who do not have the time commitment required of a graduate degree program. Public high school science teachers and persons with science backgrounds wishing to retrain or enter the growing biotech workforce in West Virginia are expected candidates.

The certificate is earned by completing and passing the following courses (*12 credits total*):

- BT 511 Biotechnology Seminar (taken twice), one credit each
- BT 555 Biostatistics, three credits
- BT 567 Current Concepts in Biotechnology, three credits
- BT 571 Techniques in Biotechnology I, two credits
- BT 572 Techniques in Biotechnology II, two credits

A student may count no more than two final grades of C toward the certificate, and must have a GPA of 2.5 or better in these 12 credits.

Entrance requirements are: an undergraduate degree in a related field, an undergraduate GPA of at least 3.0 on a four-point scale, TOEFL scores where appropriate of at least 550 (or at least 70 on the computer test), and approval of the Biotechnology Graduate Faculty. The Biotechnology Graduate Faculty may, under special circumstances, waive any of the other entrance requirements including course prerequisites. It is understood that students entering the Graduate Certificate in Biotechnology program must have a current knowledge of the fields of Cell Biology/Physiology, Genetics (Classical and Molecular) and Chemistry (at least three semesters of college-level Chemistry).

Course transfers and course substitutions are to be decided by the Biotechnology Graduate Faculty, with the certificate candidate being responsible for providing any supporting documentation. No more than four credits may be transferred from another institution.

Students may apply these courses (with acceptable final grades) taken in previous semesters to certificates to be awarded in Fall 2011 or later. It is understood that students earning the Master of Science or Master of Arts degree in Biotechnology may not also earn the Certificate in Biotechnology. All courses to be applied to the Graduate Certificate in Biotechnology must be completed within five years of the semester in which a student starts the program.

Biotechnology Course Descriptions

BT 501. Seminar for Teaching Assistants (1 credit hour)

This elective course will introduce graduate students to the teaching profession. The course focuses on the structural organization of the academic institution, selected techniques in teaching, issues in the classroom, and current literature in higher education. There will be selected readings, exercises and guest speakers. Class meets one hour per week. A maximum of one credit of the course may be applied toward the course requirements of the Biotechnology Master of Science or M.A. degrees. Prerequisite(s): Admission to graduate program or permission of instructor.

BT 511. Biotechnology Seminar (1 credit hour)

This is a graduate-level seminar course involving a literature search and written and oral presentations of biotechnology research. Includes evaluation of presentations by off-campus professionals, faculty and peers. Two class hours per week. Prerequisite(s): Admission to graduate program.

BT 555. Biostatistics (3 credit hours)

An introduction to statistics emphasizing its application in biological investigation. Topics include central tendencies, dispersion, normality, confidence intervals, probability, parametric and non-parametric tests of hypothesis (including tests of independence and goodness of fit, correlation, regression, t-test, ANOVA, ANCOVA and planned and unplanned comparisons), the relationships between effect size, power and sample size, and fundamentals of experimental design. Two lecture and two lab hours per week. Prerequisite(s): Math 101 or Math 121; admission to the program.

BT 567. Current Concepts in Biotechnology (3 credit hours)

Recent developments in animal, plant, environmental and microbial biotechnology, including the engineering of biological processes from molecular to ecosystem-level scales. Lecture/discussion format. Three class hours per week. Prerequisite(s): Admission to the program.

BT 571. Techniques in Biotechnology I (2 credit hours)

The first in a two-semester laboratory series, this course includes a broad scope of protein, RNA and DNA protocols providing experience in the manipulation of macromolecules and transformation of microbes. Emphasis is on building the skills and intellectual framework necessary to work in the biotechnology field. Six class hours per week. Prerequisite(s): Admission to graduate program.

BT 572. Techniques in Biotechnology II (2 credit hours)

This is the second course in a two-semester laboratory series. This course includes numerous organism-specific techniques of culture, propagation, maintenance and study. These exercises provide training in bioinformatics, plant and animal genetic engineering, bioreactors and fermentation, research microscopy and cytogenetics, aquaculture,

immunology and molecular diagnostics. Six class hours per week. Prerequisite(s): BT571 or equivalent; admission to the program.

BT 590. Graduate Research (1-4 credit hours)

An independent research topic designed by the student with the assistance of a graduate faculty advisor who supervises the project. The topic should be acceptable to the advisor and the chair. Limited to specific problems in the biotechnology field. A maximum of four credits of BT 590 may be counted toward a Master's in Biotechnology. Variable contact hours. Prerequisite(s): Admission to Biotechnology Graduate Program and permission of instructor.

BT 591. Graduate Independent Study or Research (1-4 credit hours)

An independent research topic designed by the student with the assistance of a graduate faculty advisor who supervises the project. The topic should be acceptable to the advisor and the chair. Limited to specific problems in the biotechnology field. Available after fulfilling four credit hours of BT 590. Variable contact hours. Course is graded pass/fail only. Prerequisite(s): Admission to Biotechnology Graduate Program and permission of instructor.

BT 592. Graduate Library Research (2 credit hours)

Extensive library research techniques in a particular biological area. Staff assigns a topic and supervises the project. A maximum of two credits of BT 592 may be counted toward a Master's in Biotechnology. Prerequisite(s): Admission to Biotechnology Graduate Program and permission of instructor.

BT 598. Industry Internship in Biotechnology (1-3 credit hours)

Experience in the biotechnology industry through work at an industrial site or government agency. Arrangement determined by industry/government partner in conjunction with the student's graduate committee. Prerequisite(s): Admission to graduate program; approval of graduate committee.

BT 599. Special Topics in Biotechnology (1-4 credit hours)

An in-depth study of special topics proposed by members of the Biotechnology graduate faculty. Open to graduate students. Prerequisite(s): Graduate status.

BT 695. Master's Thesis Research (1-9 credit hours)

An independent research project designed by the student with assistance from the Thesis advisor and acceptable to the Thesis committee. Variable contact hours. Course is graded pass/fail only. Prerequisite(s): Admission to Biotechnology Graduate Program and approval of graduate committee.

Biotechnology Graduate Faculty

Chatfield, Mark (1993), Professor of Biology. B.S. Marshall University; M.S. Marshall University; Ph.D. Oregon State University, 1986. Areas of research: Biochemistry and Physiology of Plants.

Collins, Sean A. (2005), Assistant Professor of Biology. B.S. St. Lawrence University; M.S. University of Illinois; Ph.D. University of Illinois (2003). Areas of research: Molecular Biology and Genomics of Vespidae Wasps.

Eya, Jonathan C. (1999), Professor of Biology. B.S. University of Nigeria, Msukka; M.S. University of Nigeria, Msukka; Ph.D. Auburn University, 1997. Areas of research: Nutrigenomics of Food Fishes.

Ford, Richard (2001), Associate Professor of Biology. B.S. Indiana University of Pennsylvania; B.S. Clarion University of Pennsylvania; M.S. Miami University (Ohio); Ph.D. Miami University (Ohio), 1993.

Hankins, Gerald (2005), Associate Professor of Biology. B.S. Florida State University; M.A. George Washington University; Ph.D. University of Virginia, 1991. Areas of research: Molecular Genetics of Tumors and Screening of Natural Products for Anticancer Activity.

Harper, Katherine L. (1987), Professor of Biology. B.S. West Virginia University; M.S. West Virginia University; Ph.D. West Virginia University, 1986. Areas of research: Molecular Genetics of Tumors.

Harris, Robert T. (1995), Professor of Biology. B.S. Marshall University; M.S. Ohio University; Ph.D. Ohio University, 1992. Areas of research: Molecular Biology of Smooth Muscle Cell Contraction.

Huber, David H. (1999), Professor of Biology. B.S. Central Michigan University; M.S. Michigan State University; Ph.D. Michigan State University, 1996. Areas of research: Microbial Ecology of Anaerobic Digesters.

Liedl, Barbara E. (2001), Associate Professor of Biology. B.S. Purdue University; M.S. University of Minnesota; Ph.D. University of Minnesota, 1989. Areas of Research: Breeding Tomatoes for Greenhouse and High Tunnel Production with Improved Pest Resistance and Investigating Reproductive Barriers between Species.

Nimmakayala, Padma (2004). Associate Research Professor Gus R. Douglass Institute. B.S. in Agriculture, Andhra Pradesh Agriculture University, India; M.S. in Plant Breeding and Genetics, Tamil Nadu Agriculture University, India; Ph.D. in Genetics and Plant Breeding, University of Agriculture Sciences, India, 1993. Areas of research: Genomics of Crop Plants.

Reddy, Umesh K. (2004), Associate Professor of Biology. B.S. Meerut University, India; M.S. Tamil Nadu Agriculture University, India; Ph.D. Osmania University, India, 1997. Areas of research: Genomics of Crop Plants and Arabidopsis.

Ruhnke, Timothy R. (1995), Professor of Biology. Biotechnology Program Coordinator. B.S. University of Nebraska; M.S. University of Nebraska; Ph.D. University of Connecticut, 1993. Areas of research: Morphology and Molecular Systems of Marine Tapeworms.

Sanjaya (2014), Assistant Professor of Biology. B.S. University of Mysore, India; M.S. University of Mysore, India; Ph.D. University of Mysore, India, 2003. Areas of research: Biochemistry And Molecular Biology of Primary Metabolism in Plant, Carbon Partitioning Into Industrial Products, Engineering Photosynthetic Organisms for the Production Bioenergy and Environmental Biotechnology.

Biotechnology Graduate Affiliate Faculty

Florian, Reyda (2014), Assistant Professor, State University of New York College at Oneonta. B.A. Augusta College (Illinois); M.S. University of Nebraska-Lincoln; Ph.D. University of Connecticut, 2007. Areas of research: Fish Parasitology; Taxonomy and Systematics; Biodiversity; Tapeworm Evolution and Host Specificity; Parasite Life Cycles, and Tropical Biology.

Perla, Venu (2014), Assistant Research Scientist, Gus R. Douglass Land Grant Institute. B.Sc. Marathwada Agricultural University (India); M.Sc. University of Agricultural Sciences (India); Ph.D. India Agricultural Research Institute (India), 1999. Areas of research: Molecular Physiology of Crop Plants.

Biology

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The Bachelor of Science in Biology is for students who wish to enter directly into the workforce in positions with state and federal agencies, or research and analytical laboratories in the private environmental or pharmaceutical sector, to attend graduate school, or to prepare for admission to a school of medicine, dentistry, chiropractic, veterinary medicine, optometry, etc. In addition to core and cognate courses that all Biology majors take, each student chooses elective courses that best fit his or her career goals:

Pre-medical studies

Students preparing to enter medical, veterinary, dental, osteopathic and other professional schools should work with their advisors to determine what particular requirements are necessary for entry into the professional school of their choice. Upper division elective courses that are appropriate for entry into such schools include Biology 331, 332, 341, 345, 347, 370 and Chemistry 331 and 333. In addition, students seeking entry into veterinary schools may elect to choose from among such courses as Biology 306, 321, 325, 326, 330 and 435.

Organismal and Environmental studies

For students who are interested in the sub-disciplines of Biology that focus on life at the level of the whole organism and how individual organisms function within populations and in their environments, the following upper division electives are suggested: Biology 306, 310, 320, 325, 326, 440 and 442. Students electing these courses are especially well suited for jobs in departments of environmental/natural resources or working with animals and plants.

Preparation for Graduate Studies or Laboratory Research

For students who seek jobs in forensic and research laboratories or who wish to pursue graduate education the following elective courses are recommended: Biology 341, 345, 361, 373, 443, 444, 460, 466, 490, 491, 492 and Chemistry 331 and 333.

Bachelor of Science in Biology

120 hours required for graduation

General Education

32-33 hours

Biology Major

Biology Core Courses, 21 hours:
 BIOL 120, 121, 250270, 385 and 411.

Biology Elective Courses, 18-20 hours

Biology Cognate Courses, 28-29 hours:
 CHEM 105, 106, 107, 108, 205, 206, 207, 208; PHYS 201, 202, 203, 204; Math 206 or 222.

A student may take a Biology major's course (Biology Core, Elective, or Cognate) for credit no more than three times.

A student must earn a final grade of 2.0 "C" or better in all courses required for the Biology major (Biology Core, Elective, or Cognate).

Free Electives

Enough to bring total hours to 120

Minor in Biology

Students may earn a Minor in Biology by completing the following courses with a final grade of "C" or better:

- Fundamentals of Biology (BIOL 120), four credits;
- Biological Diversity (BIOL 121), four credits;
- and three more upper-division Biology courses approved by the Department Chair.

Certificate in Pre-Nursing

Many students enroll in classes at West Virginia State University with the intention of later transferring to nursing programs elsewhere, and having their West Virginia State University coursework count toward that institution's nursing degree. Such coursework leads to the Certificate in Pre-Nursing, which formally recognizes West Virginia State University's contribution to their education.

Students may earn the certificate by completing and passing the following courses (19 credits total):

- Introduction to Microbiology BIOL 241 or Microbiology BIOL 341, four credits
- Human Anatomy and Physiology I BIOL 331, four credits
- Human Anatomy and Physiology II BIOL 332, four credits
- College Algebra MATH 120, three credits
- Health Science General Chemistry CHEM 101, four credits

Biology Suggested Course Sequence

Freshman Year

First Semester

BIOL 120	4
CHEM 105	3
CHEM 107	2
G ED Written Communication I	3
G ED 101	3
Semester Total	15

Second Semester

BIOL 121	4
CHEM 106	3
CHEM 108	2
G ED Written Communication II	3
G ED Arts	3
Semester Total	15

Sophomore Year

First Semester

BIOL 250 or 270	4
CHEM 205	3
CHEM 207	2
G ED Humanities	3
G ED Oral Communication	3
Semester Total	15

Second Semester

BIOL 250 or 270	4
CHEM 206	3
CHEM 208	2
G ED Wellness	2
G ED History	3
Semester Total	14

Junior Year

First Semester

BIOL Elective	4
Free Elective	3
MATH 206 or 222	3-4
PHYS 201	4
PHYS 203	1
Semester Total	15-16

Second Semester

BIOL Elective	4
BIOL 385	4
G ED Social Science	3
PHYS 202	4
PHYS 204	1
Semester Total	16

Senior Year

First Semester

BIOL Elective	4
G ED Natural Science	3-4
Free Elective	8
Semester Total	15-16

Second Semester

BIOL 411	1
BIOL Elective	4
BIOL Elective	4
G ED International Perspectives	3
Free Elective	1-2
Semester Total	13-14

Biology Course Descriptions

BIOL 101. Principles of Biology (4 credit hours)

An introduction to the nature of science through a study of selected principles which characterize the nature of life. Does not count toward a major in Biology. Three lecture and two laboratory hours per week.

BIOL 101H. Principles of Biology (for Honors Students) (4 credit hours)

An introduction to the nature of science through a study of selected principles which characterize the nature of life. The honors class has added learning objectives associated with extra reading, writing and laboratory assignments. Does not count toward a major in Biology. Three lecture and two laboratory hours per week.

BIOL 108. Environmental Biology (4 credit hours)

A comprehensive, issues-based examination of the earth's environment, humanity's impact on it, and how species respond to environmental changes through evolution. Students will complete a group project on a topic in environmental biology; have a laboratory experience consisting of a series of independent problems in environmental biology; and keep a journal, in addition to mastering standard lecture material. The course will include guest speakers. Local field trips may also be required. Does not count toward a major in Biology. Three lecture hours and two lab hours per week.

BIOL 110. Economic Biology (4 credit hours)

Economic Biology will describe how numerous organisms have influenced our past and will change our future. It will cover the basic principles of biology while emphasizing the economic and social aspects of selected plants, microbes, fungi and animals. A special recitation session devoted to studying science will be scheduled to support those who may have science phobias. This course fulfills the General Education Natural Sciences requirement but not a Biology major's core requirement. Five contact hours per week.

BIOL 120. Fundamentals of Biology (4 credit hours)

An in-depth introductory study of the biological sciences for science majors, emphasizing major principles of biology and the nature of scientific research. Students will conduct an original research experiment during the semester. Counts as General Education Natural Science requirement and General Education Computer Skills unit. Three lecture and two laboratory hours per week.

BIOL 121. Biological Diversity (4 credit hours)

An introduction to the branches of the tree of life for science majors. An emphasis on study of the identification, structure and function of living organisms. Three lecture hours and three laboratory hours per week. Prerequisite(s): BIOL 120.

BIOL 199. Special Topics (1-4 credit hours)

A freshman-level course designed for a topic of special or current interest, including televised courses. Prerequisite(s): As stated for each course.

BIOL 210. Basic Anatomy and Physiology (4 credit hours)

A basic systemic approach to the study of human anatomy and physiology. Laboratory experiences integrated with lecture enable students to examine anatomical and physiological phenomena of the human body. Does not count toward a major in Biology.

BIOL 241. Introduction to Microbiology (4 credit hours)

An introduction to microbial diversity, medical and applied microbiology and immunology. The laboratory includes basic techniques for handling and identifying microbes such as those required by health care professionals. Does not count toward a major in Biology. Prerequisite(s): BIOL 101 or 120.

BIOL 250. General Ecology (4 credit hours)

General Ecology covers the full spectrum of relationships between organisms and their biotic and abiotic environments, emphasizing the principles of natural selection, adaptation and evolution. Lab component comprises field and laboratory experiments demonstrating fundamental concepts of ecology from the level of the individual to the ecosystem. Six class hours per week. Prerequisite(s): BIOL 120 and 121; eligibility for MATH 120.

BIOL 270. Genetics (4 credit hours)

The nature, biosynthesis and regulation of the genetic material in prokaryotic and eukaryotic organisms. Mendelian principles, an introduction to population and quantitative genetics, and an introduction to recombinant DNA and genomics will be included. Laboratory investigation of selected phenomena. Prerequisite(s): BIOL 120 and 121; CHEM 106 and 108.

BIOL 299. Special Topics (1-4 credit hours)

A sophomore-level course designed for a topic of special or current interest, including televised courses. Prerequisite(s): As stated for each course.

BIOL 303. Nutrition (3 credit hours)

Consideration of nutrient classification and functions and the relationship of nutritional status to health. Application of nutritional requirements to food patterns. Does not count toward a major in Biology.

BIOL 306. General Zoology (4 Credit Hours)

This course examines major concepts of zoology at the organismal and organ function levels, and provides the student with an introduction to recent advances in zoology in the areas of animal anatomy, physiology, systematics, reproduction, development, animal diversity, animal ecology

and evolution of major taxa of the animal kingdom.

Prerequisite(s): BIOL 121.

BIOL 310. Conservation Ecology (3 credit hours)

This course reviews the evolutionary and ecological bases for the earth's biodiversity and its importance to ecosystem function and human welfare. The causes, rates and patterns of loss of biodiversity throughout the world, and the concepts and techniques used in ecological conservation and restoration are reviewed. Three class hours per week.

Prerequisite(s): BIOL 250 or permission of the instructor.

BIOL 320. Entomology (4 credit hours)

The taxonomy, anatomy, life history and measures of control of some of the common insects. Emphasis is placed on field studies. Six class hours per week. Prerequisite(s): BIOL 250.

BIOL 321. Animal Parasitism (4 credit hours)

This course details the ecological concept of parasitism, utilizing the prominent parasitic species of animals and man. The laboratory component of the course concerns the identification of species and structures of the important parasites of animals and man. Lab and field projects dealing with natural and host-parasite systems will also be undertaken. Six class hours per week. Prerequisite(s): BIOL 121.

BIOL 325. Invertebrate Zoology (4 credit hours)

The taxonomy, anatomy and life history of selected invertebrate groups. Six class hours per week, including laboratory. Prerequisite(s): BIOL 121.

BIOL 326. Vertebrate Zoology (4 credit hours)

A study of vertebrate animals, with emphasis on their evolution, systematics, ecology and behavior. Six class hours per week, including laboratory. Prerequisite(s): BIOL 121.

BIOL 330. Vertebrate Histology (4 credit hours)

Microscopical study in detail of the structures, tissues and organs of vertebrate animals and a correlation of these structures with function. Six class hours per week. Prerequisite(s): BIOL 121.

BIOL 331. Human Anatomy and Physiology I (4 credit hours)

An in-depth systemic approach to the study of the human body emphasizing organizational structure, osteology, myology, lymphology and the cardiovascular system. Prerequisite(s): BIOL 101 or BIOL 120.

BIOL 332. Human Anatomy and Physiology II (4 credit hours)

An in-depth systemic approach to the study of the human body emphasizing the nervous, endocrine, respiratory, digestive, urinary and reproductive systems. Prerequisite(s): BIOL 331.

BIOL 341. Microbiology (4 credit hours)

An introduction to the morphology, cultivation, physiology, growth and control of microorganisms, with emphasis on laboratory techniques of culture and identification of bacteria. Six class hours per week, including laboratory. Prerequisite(s): BIOL 121, CHEM 105 and 107.

BIOL 345. General Virology (3 credit hours)

A consideration of selected prokaryote and eukaryote viruses, their structure, replication and interaction with host cells. Attention will be given to the contributions virology has made to the understanding of molecular mechanisms in biology. Prerequisite(s): BIOL 270.

BIOL 347. Immunology (4 credit hours)

The basic mechanisms of resistance in host-parasite interactions with emphasis on the molecular basis of immune system functions. Prerequisite(s): Permission of the instructor.

BIOL 350. Evolution (3 credit hours)

A course covering the concepts and theories of modern evolutionary biology, including the mechanisms of genetic change in populations, speciation patterns, and geologic change through time. Three class hours per week. Prerequisite(s): BIOL 250 and 270.

BIOL 361. Microbial Genetics (4 credit hours)

Genetic mechanisms of bacteria, including their viruses, plasmids and transposons. Integration of genetic principles and genetic/molecular tools for understanding biological questions. Select topics in eukaryotic microbial genetics will be included. Six class hours per week including laboratory. Prerequisite(s): BIOL 341 and BIOL 270. CHEM 105 and 106.

BIOL 363. Crop Evolution and Biodiversity (4 credit hours)

This course is a research-based introduction to the diversity, domestication and evolution of crop plants. Concepts such as evolution of crop plants, germplasm management and crop genome analysis will be presented. Laboratory will emphasize genomics-based methods. Six class hours per week including laboratory. Prerequisite(s): BIOL 270 or equivalent.

BIOL 365. The Biology of Fishes (4 credit hours)

This is an introductory course that examines the evolution, morphology, anatomy, physiology and ecology of fishes. The course will relate the above subject areas to aquaculture principles and practices. Six class hours per week. Prerequisite(s): BIOL 121.

BIOL 370. Pharmacology (4 credit hours)

An introduction to the basic pharmacological principles of drug administration, pharmacokinetics, and pharmacodynamics. The therapeutic application of clinically useful drugs is emphasized including appropriate drug

selection, toxicities, drug interactions and side effects.
Prerequisite(s): BIOL 101 or BIOL 120, CHEM 101 or CHEM 105, or permission of the instructor.

BIOL 373. Eukaryotic Molecular Genetics (4 credit hours)

A study of genome structure, organization and function of model organisms with special reference to Arabidopsis and other higher eukaryotes; theory and methodology of genetic and physical mapping, comparative genomics, sequencing, sequence analysis and annotation; emphasis on the function of complex genomes, genome-wide expression analysis, genetic and epigenetic mechanisms, gene silencing, transposons, genome duplication and evolution.
Prerequisite(s): BIOL 270.

BIOL 375. Principles of Aquaculture (4 credit hours)

An in-depth, step-by-step study of the principles and practices underlying commercial aquaculture production, aquatic productivity and the levels of aquaculture management. Practices in the United States will be the primary focus with attention to the world in general. Six class hours per week. Prerequisite(s): BIOL 250.

BIOL 385. Cell Biology (4 credit hours)

The cellular basis for the functional attributes of living systems, laboratory investigation of selected physiological phenomena. Six class hours per week. Prerequisite(s): BIOL 270, CHEM 206 and 208.

BIOL 395. Practicum in Biology (1 credit hour)

Experience in the preparation of materials and equipment for biology laboratory investigations and experience in practical instruction in the biology laboratory. Open only to Biology majors. May be repeated for a maximum of four hours credit. (Counts only as a free elective toward a major in the Department of Biology.) Four class hours per week. Prerequisite(s): Junior standing and permission of the instructor and the department chair.

BIOL 399. Special Topics (1-4 credit hours)

A junior-level course designed for a topic of special or current interest, including televised courses.
Prerequisite(s): As stated for each course.

BIOL 411. Senior Seminar (1 credit hour)

A research experience involving literature search, experimental design and written and oral presentation of project. Prerequisite(s): BIOL 385.

BIOL 435. Comparative Vertebrate Morphology (4 credit hours)

A comparative study of the basic architectural plans of the vertebrate body, emphasizing the function and evolution of major organ systems. Six class hours per week, including laboratory. Prerequisite(s): Permission of instructor.

BIOL 440. Field Botany (4 credit hours)

An integrated laboratory study of the taxonomy, ecology and geography of plants with emphasis on the flora of West Virginia. Six class hours per week. Prerequisite(s): BIOL 250 or permission of instructor.

BIOL 442. Plant Geography (3 credit hours)

Descriptive and interpretative plant geology, including a survey of the present distributions of major vegetational formations, discussion of the history, development, evolution and significance of their patterns, climatic regions and composition of the major plant formations.
Prerequisite(s): BIOL 250 or permission of instructor.

BIOL 443. Plant Tissue Culture (4 credit hours)

The principles and techniques of culturing plant tissues in vitro for research and horticultural applications. Six class hours per week. Prerequisite(s): BIOL 250 or permission of instructor.

BIOL 444. Plant Physiology (4 credit hours)

This course includes an analysis of the cell biology, biochemistry, metabolism, ecological physiology and development of plants. Lecture topics include water relations, respiration, photosynthesis, nitrogen fixation, mineral nutrition, plant hormones, plant molecular biology, genetic engineering, the role of environmental signals in plant development and the environmental physiology of Mid-Atlantic, mixed mesophytic and deciduous forests. Lectures will be supplemented with reading in research journals. Laboratory exercises are designed to demonstrate basic research techniques, as well as the principles covered in lecture. Six contact hours per week. Prerequisite(s): BIOL 120; CHEM 106 and 108.

BIOL 460. Environmental Microbiology (4 credit hours)

Microbial functions, interactions and diversity in natural and man-made environments. Applications of microbial activities in bioremediation, biodegradation, agriculture, health and environmental biotechnology. Six class hours per week, including laboratory. Prerequisite(s): BIOL 341; CHEM 106 and 108 or permission of instructor.

BIOL 466. Cancer Biology (3 credit hours)

This course will introduce the student to the biology of tumors. Emphasis will be placed on the cellular and molecular events that lead to tumor formation and progression to cancer. The course format will be a combination of traditional lecture and seminar. Three class hours per week. Prerequisite(s): BIOL 385 or permission of instructor.

BIOL 490. Directed Student Research (1-4 credit hours)

An independent research project designed by the student with assistance from the instructor, and acceptable to the instructor and chair. Prerequisite(s): 24 hours of Biology plus permission of the chair and instructor.

BIOL 491. Undergraduate Independent Study or Research (1-4 credit hours)

A continuing independent research topic designed by the student with the assistance of the instructor, and acceptable to the instructor and the chair. Available after fulfilling four credit hours of BIOL 490. Course is graded pass/fail only. Prerequisite(s): Permission of chair and instructor.

BIOL 492. Undergraduate Library Research (1-2 credit hours)

An introduction to library research techniques and to the biological literature. Staff assigns a topic and supervises the project. A maximum of two credits of BIOL 492 may be counted toward a Biology major. Prerequisite(s): Permission of chair and instructor.

BIOL 499. Special Topics in Biology (1-4 credit hours)

An in-depth study of special topics proposed by members of the biology faculty. May be repeated for a maximum of eight credit hours. Counts only as a free elective toward a major in the Department of Biology. Variable contact hours. Prerequisite(s): Junior standing and permission of the instructor and the department chairperson.

Biology Graduate Course Descriptions

BIOL 510. Conservation Ecology (3 credit hours)

This course reviews the evolutionary and ecological bases for the earth's biodiversity and its importance to ecosystem function and human welfare. The causes, rates and patterns of loss of biodiversity throughout the world, and the concepts and techniques used in ecological conservation and restoration are reviewed. Three class hours per week. Prerequisite(s): Graduate status and permission of instructor.

BIOL 521. Animal Parasitism (4 credit hours)

This course details the ecological concept of parasitism, utilizing the prominent parasitic species of animals and man. The laboratory component of the course concerns the identification of species and structures of the important parasites of animals and man. Lab and field projects dealing with natural and host-parasite systems will also be undertaken. Six class hours per week. Prerequisite(s): Graduate status and permission of instructor.

BIOL 550. Evolution (3 credit hours)

A course covering the concepts and theories of modern evolutionary biology, including the mechanisms of genetic change in populations, speciation patterns and geologic change through time. Three class hours per week. Prerequisite(s): Graduate status and permission of instructor.

BIOL 561. Microbial Genetics (4 credit hours)

Genetic mechanisms of bacteria, including their viruses, plasmids and transposons. Integration of genetic principles and genetic/molecular tools for understanding biological questions. Select topics in eukaryotic microbial genetics will

be included. Six class hours per week including laboratory. Prerequisite(s): Graduate status and permission of instructor.

BIOL 565. The Biology of Fishes (4 credit hours)

This is an introductory course that examines the evolution, morphology, anatomy, physiology and ecology of fishes. The course will relate the above subject areas to aquaculture principles and practices. Six class hours per week. Prerequisite(s): Graduate status and permission of instructor.

BIOL 573. Eukaryotic Molecular Genetics (4 credit hours)

A study of genome structure, organization and function of model organisms with special reference to Arabidopsis and other higher eukaryotes; theory and methodology of genetic and physical mapping, comparative genomics, sequencing, sequence analysis and annotation; emphasis on the function of complex genomes, genome-wide expression analysis, genetic and epigenetic mechanisms, gene silencing, transposons, genome duplication and evolution. Prerequisite(s): Graduate status and permission of instructor.

BIOL 575. Principles of Aquaculture (4 credit hours)

An in-depth step-by-step study of the principles and practices underlying commercial aquaculture production, aquatic productivity and the levels of aquaculture management. Practices in the United States will be the primary focus with attention to the world in general. Six class hours per week. Prerequisite(s): Graduate status and permission of instructor.

BIOL 599. Special Topics in Biology (1-4 credit hours)

An in-depth study of special topics proposed by members of the biology faculty. Open to graduate students. Prerequisite(s): Graduate status and permission of instructor.

BIOL 605. Advanced Ecology (4 credit hours)

This course explores the topics at the forefront of basic and applied ecology through current and seminal primary and review literature. Topics include plant adaptations to stress and environmental heterogeneity, ecosystem nutrient and energy dynamics, processes that generate and regulate biodiversity, the importance of biodiversity to ecosystem function, and the application of this information towards management, conservation and reclamation. In laboratory, these concepts will be explored using field and laboratory experiments. Six class hours per week. Prerequisite(s): Graduate status and permission of instructor.

BIOL 635. Animal Physiology (4 credit hours)

This course is designed as an introduction to the mechanisms and principles involved in life processes. A general and comparative approach is used to develop an understanding, in biophysical and biochemical terms, of how animals function in order to produce an integrated functioning of the organ systems. While all levels of organization are considered, particular emphasis is placed on the whole animal and its dynamic organ systems. The course also emphasizes physiological responses to environmental

stresses. Six class hours per week including laboratory. Prerequisite(s): Graduate status and permission of instructor.

BIOL 640. Field Botany (4 credit hours)

An integrated laboratory study of the taxonomy, ecology and geography of plants with emphasis on the flora of West Virginia. Six class hours per week. Prerequisite(s): Graduate status or permission of instructor.

BIOL 660. Environmental Microbiology (4 credit hours)

Microbial functions, interactions and diversity in natural and man-made environments. Applications of microbial activities in bioremediation, biodegradation, agriculture, health and environmental biotechnology. Six class hours per week including laboratory. Prerequisite(s): Graduate status and permission of instructor.

BIOL 644. Plant Physiology (4 credit hours)

This course includes an analysis of the cell biology, biochemistry, metabolism, ecological physiology and development of plants. Lecture topics include water relations, respiration, photosynthesis, nitrogen fixation, mineral nutrition, plant hormones, plant molecular biology, genetic engineering, the role of environmental signals in plant development and the environmental physiology of Mid-Atlantic, mixed mesophytic, deciduous forests. Lectures will be supplemented with reading in research journals. Laboratory exercises are designed to demonstrate basic research techniques as well as the principles covered in lecture. Six contact hours per week Prerequisite(s): Graduate status or permission of instructor.

BIOL 666. Cancer Biology (3 credit hours)

This course will introduce the student to the biology of tumors. Emphasis will be placed on the cellular and molecular events that lead to tumor formation and progression to cancer. The course format will be a combination of traditional lecture and seminar. Three class hours per week. Prerequisite(s): Entry into the Biotechnology Graduate Program or BIOL 385 or permission of instructor.

BIOL 671. Advanced Environmental Microbiology (2 credit hours)

Discussion of current and classical research literature in environmental microbiology, including microbial ecology and evolution, and the interface with plant, animal and medical microbiology. Two class hours per week. Prerequisite(s): Graduate status and permission of instructor.

Biology Faculty

Chatfield, Mark (1993), Professor of Biology. B.S. Marshall University; M.S. Marshall University; Ph.D. Oregon State University, 1986. Areas of research: Biochemistry and Physiology of Plants.

Collins, Sean A. (2005), Assistant Professor of Biology. B.S. St. Lawrence University; M.S. University of Illinois; Ph.D. University of Illinois (2003). Areas of research: Molecular Biology and Genomics of Vespidae Wasps.

Eya, Jonathan C. (1999), Professor of Biology. B.S. University of Nigeria, Msukka; M.S. University of Nigeria, Msukka; Ph.D. Auburn University, 1997. Areas of research: Nutrigenomics of Food Fishes.

Fletcher, Jackie (2013), Instructor of Biology. B.S. Brock University, Ontario; M.S. West Virginia State University, 2013.

Ford, Richard (2001), Associate Professor of Biology. B.S. Indiana University of Pennsylvania; B.S. Clarion University of Pennsylvania; M.S. Miami University (Ohio); Ph.D. Miami University (Ohio), 1993.

Hankins, Gerald (2005), Associate Professor of Biology. B.S. Florida State University; M.A. George Washington University; Ph.D. University of Virginia, 1991. Areas of research: Molecular Genetics of Tumors and Screening of Natural Products for Anticancer Activity.

Harper, Katherine L. (1987), Professor of Biology. B.S. West Virginia University; M.S. West Virginia University; Ph.D. West Virginia University, 1986. Areas of research: Molecular Genetics of Tumors.

Harris, Robert T. (1995), Professor of Biology. B.S. Marshall University; M.S. Ohio University; Ph.D. Ohio University, 1992. Areas of research: Molecular Biology of Smooth Muscle Cell Contraction.

Hass, Amir (2014), Assistant Professor of Biology. B.S. The Hebrew University of Jerusalem; M.S. The Hebrew University of Jerusalem; Ph.D. Texas A&M University, 2005. Areas of research: Natural Resources Management with Emphasis on Environmental Soil Chemistry.

Huber, David H. (1999), Professor of Biology. B.S. Central Michigan University; M.S. Michigan State University; Ph.D. Michigan State University, 1996. Areas of research: Microbial Ecology of Anaerobic Digesters.

Liedl, Barbara E. (2001), Associate Professor of Biology. B.S. Purdue University; M.S. University of Minnesota; Ph.D. University of Minnesota, 1989. Areas of Research: Breeding Tomatoes for Greenhouse and High Tunnel Production with Improved Pest Resistance and Investigating Reproductive Barriers between Species.

McMeans, Orlando F. (1998). Professor of Biology. B.S. Alabama A&M; M.S. University of Illinois at Urbana-Champaign; Ph.D. in Horticulture, University of Illinois at Urbana-Champaign, 1997. Areas of research: Plant Tissue Culture, Plant Molecular Biology, Fruit Crop Improvement

Via Somaclonal Variation, Fruit Crop Breeding, Plant Pigment Biochemistry and Horticulture.

Nimmakayala, Padma (2004). Associate Research Professor Gus R. Douglass Institute. B.S. in Agriculture, Andhra Pradesh Agriculture University, India; M.S. in Plant Breeding and Genetics, Tamil Nadu Agriculture University, India; Ph.D. in Genetics and Plant Breeding, University of Agriculture Sciences, India, 1993. Areas of research: Genomics of Crop Plants.

Reddy, Umesh K. (2004), Associate Professor of Biology. B.S. Meerut University, India; M.S. Tamil Nadu Agriculture University, India; Ph.D. Osmania University, India, 1997. Areas of research: Genomics of Crop Plants and Arabidopsis.

Ruhnke, Timothy R. (1995), Professor of Biology. Biotechnology Program Coordinator. B.S. University of Nebraska; M.S. University of Nebraska; Ph.D. University of Connecticut, 1993. Areas of research: Morphology and Molecular Systems of Marine Tapeworms.

Sanjaya (2014), Assistant Professor of Biology. B.S. University of Mysore, India; M.S. University of Mysore, India; Ph.D. University of Mysore, India, 2003. Areas of research: Biochemistry And Molecular Biology of Primary Metabolism in Plant, Carbon Partitioning Into Industrial Products, Engineering Photosynthetic Organisms for the Production Bioenergy and Environmental Biotechnology.

Chemistry

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Chemistry is an experimental science that studies the properties of matter and its transformations. It is a central science due to its significant connections and overlaps with other sciences. If a scientific discipline involves matter, chances are that chemistry is playing an important role in that discipline. The development of specialized drugs to cure diseases and a deep understanding of biological and geological systems would be unimaginable but for the contributions from chemistry. Chemistry is a dynamic science because new discoveries are being made every day. Knowledge of chemistry is essential in today's society since it affects almost every aspect of our lives.

The purpose of the program offered by the Department of Chemistry is to prepare students for careers in chemistry-related industries, government, health care and chemical education as well as the pursuit of advanced degrees in graduate schools in chemistry, or professional schools in pharmacy or medicine. The Department also offers general education courses to acquaint all University students with the basic ideas of chemistry and its important role in the world today.

The program in the Department of Chemistry is approved by the American Chemical Society. To prepare students for a variety of careers, the Department of Chemistry offers three options in the Bachelor of Science degree program: American Chemical Society Certified, Applied Chemistry and Pre-Medical/Pre-Pharmacy Sciences.

The department also provides the courses for a teaching field in chemistry for students pursuing the Bachelor of Science in Education degree. The Department of Chemistry offers courses in all major areas of chemistry - analytical chemistry, biochemistry, inorganic chemistry, organic chemistry and physical chemistry. The degree programs are designed to create an atmosphere where each student can develop an inquiring mind capable of continuing to learn throughout a lifetime; the ability to think critically and objectively; and the skills needed to seek new knowledge through independent research. As part of our assessment process, our graduating seniors take an exit exam given in Senior Seminar, CHEM 450.

Bachelor of Science in Chemistry

120 hours required for graduation

General Education

32-37 hours. Includes three credit hours of MATH. The major core and cognate classes satisfy three credit hours of the G ED Natural Science requirement. For Option C, BIOL 120 completes the G ED Natural Science requirement. For Option A, choose one course from BIOL 120 or PHYS 120 to complete the G ED Natural Science requirement.

Chemistry Major

Chemistry Core Courses (44 hours): CHEM 105, 106, 107, 108, 202, 205, 206, 207, 208, 211, 301, 303, 350, 411, 416, 418, 429, 450.

The Options

Choose one option area:

- A. American Chemical Society Certified
 This option is designed to prepare students to enter graduate schools to seek advanced degrees in chemistry or related sciences.
- B. Applied Chemistry
 This option affords the student the opportunity to obtain positions not only in industrial/environmental/governmental laboratories, but also in chemical sales/service sectors. Special emphasis will be given to chemical practices which are environmentally benign.
- C. Pre-Medical/Pre-Pharmacy Sciences
 This option prepares students to meet all the requirements for entrance into medical, dental, veterinary, or pharmacy schools. It also affords the student the opportunity to find employment in the industrial, governmental, or corporate sectors. This option has an increased emphasis on biological content.

Option A: American Chemical Society Certified 16 hours:
 CHEM 302, 304, 331, 413, 462 and one course from 425, 462.

Option B: Applied Chemistry 20 hours:
 CHEM 312, 331, 333, 356, 357, 425, 460 and 461

Option C: Pre-Medical/Pre-Pharmacy Sciences 8 hours:
 CHEM 331, 333 and 462.

Chemistry Cognate Courses

Option A, 22 hours:
 MATH 206, 207, 208; PHYS 203, 204
 and
 PHYS 231, 232, or PHYS 201, 202

Option B, 14 hours:
 MATH 206; PHYS 203, 204
 and PHYS 231, 232 or PHYS 201, 202

College of Natural Sciences & Mathematics

Option C, 26 hours:

MATH 206, BIOL 120, 331; PHYS 203, 204

and

PHYS 231, 232 or PHYS 201, 202

and

Choose one of the following: BIOL 332, 341 or 385

Free Electives

Enough to bring the total hours to 120

Minor in Chemistry

16-17 hours

CHEM 205, 206, 207, 208 and two courses from CHEM

211, 301, 331, 462.

Chemistry Option A Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
CHEM 105	3	CHEM 211	4
CHEM 107	2	CHEM 301	3
MATH 206	4	CHEM 303	2
G ED Written Communication I	3	G ED International Perspectives.....	3
G ED 101	3	BIOL 120.....	4
Semester Total	15	Semester Total	16
Second Semester		Second Semester	
CHEM 106	3	CHEM 302	3
CHEM 108	2	CHEM 304	2
MATH 207	4	CHEM 331	3
G ED Written Communication II	3	CHEM 350	1
G ED Oral Communication.....	3	G ED Humanities	3
Semester Total	15	G ED Wellness	2
		Semester Total	14
Sophomore Year		Senior Year	
First Semester		First Semester	
G ED Arts	3	CHEM 411	3
CHEM 205	3	CHEM 413	2
CHEM 207	2	CHEM 425 or 462	3
MATH 208.....	4	Free Elective.....	3
PHYS 201 or 231	4	G ED History.....	3
PHYS 203	1	Semester Total.....	14
Semester Total	17		
Second Semester		Second Semester	
CHEM 206	3	CHEM 416	3
CHEM 208	2	CHEM 418	2
CHEM 202	2	CHEM 429	3
PHYS 202 or 232	4	CHEM 450	1
PHYS 204	1	Free Elective.....	2
CHEM 462	3	G ED Science	3-4
Semester Total	15	Semester Total	14-15

Chemistry Option B Suggested Course Sequence

Freshman Year

First Semester

CHEM 105	3
CHEM 107	2
G ED Written Communication I	3
G ED Oral Communication.....	3
G ED 101	3
Semester Total	14

Second Semester

CHEM 106	3
CHEM 108	2
MATH 206.....	4
G ED Written Communication II	3
G ED Arts	3
Semester Total	15

Sophomore Year

First Semester

G ED Humanities	3
CHEM 205	3
CHEM 207	2
Free Elective	3
PHYS 201 or 231	4
PHYS 203	1
Semester Total	16

Second Semester

CHEM 206	3
CHEM 208	2
CHEM 202	2
PHYS 202 or 232	4
PHYS 204	1
G ED International Perspectives	3
Semester Total	15

Junior Year

First Semester

CHEM 211	4
CHEM 301	3
CHEM 303	2
CHEM 312	3
Free Elective	3
Semester Total	15

Second Semester

CHEM 357	3
CHEM 331	3
CHEM 333	2
CHEM 350	1
G ED History.....	3
CHEM 460	1
G ED Wellness	2
Semester Total.....	15

Senior Year

First Semester

CHEM 411	3
CHEM 425	3
CHEM 461	2
CHEM 356	3
Free Elective	4
Semester Total.....	15

Second Semester

CHEM 416	3
CHEM 418	2
CHEM 429	3
CHEM 450	1
Free Elective	3
G ED Social Structures.....	3
Semester Total.....	15

Chemistry Option C Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
CHEM 105	3	CHEM 211	4
CHEM 107	2	CHEM 301	3
G ED Written Communication I	3	CHEM 303	2
G ED Oral Communication.....	3	BIOL 331.....	4
G ED 101	3	Free Elective	3
Semester Total	14	Semester Total.....	16
Second Semester		Second Semester	
CHEM 106.....	3	CHEM 331	3
CHEM 108.....	2	CHEM 333	2
MATH 206.....	4	BIOL 332 or 341 or 385	4
G ED Written Communication III.....	3	CHEM 350	1
G ED Arts	3	G Ed International Perspectives	3
Semester Total	15	G ED Wellness	2
		Semester Total.....	15
Sophomore Year		Senior Year	
First Semester		First Semester	
G ED Social Science	3	CHEM 411	3
CHEM 205	3	CHEM 462	3
CHEM 207.....	2	G ED History.....	3
BIOL 120	4	G ED Humanities	3
PHYS 201 or 231	4	Free Elective	3
PHYS 203	1	Semester Total.....	15
Semester Total	17		
Second Semester		Second Semester	
CHEM 206.....	3	CHEM 416	3
CHEM 208.....	2	CHEM 418	2
CHEM 202.....	2	CHEM 429	3
PHYS 202 or 232	4	CHEM 450	1
PHYS 204	1	Free Elective	4
Free Elective	3	Semester Total.....	13
Semester Total	15		

Chemistry Course Descriptions

CHEM 100. Consumer Chemistry (3 credit hours)

A study of the basic rules of elements and their compounds is enough for an appreciation of the beauty of consumer chemistry. The course will involve a close look into the food we eat, the fuel we burn and the products we use as health and beauty aids. Includes laboratory work.

CHEM 100H. Consumer Chemistry (for Honors Students) (3 credit hours)

An accelerated study of the basic rules of elements and their compounds is enough for an appreciation of the beauty of consumer chemistry. The course will involve a close look into the food we eat, the fuel we burn and the products we use as health and beauty aids. Includes laboratory work.

CHEM 101. Health Science General Chemistry (4 credit hours)

This course provides an introduction to general chemistry with an emphasis on health relevance and applications. A three-hour laboratory is included each week to help with hands-on exposure to the concepts covered in the lecture portion of the courses. Prerequisite(s): Eligible for MATH 120.

CHEM 105. General Chemistry I (3 credit hours)

Designed for students desiring further studies in natural sciences, medicine and engineering. Contents include pertinent mathematics, periodicity of elements, stoichiometry, gas laws, energy changes, solutions, equilibria, acid-base theories and descriptive chemistry. (High school chemistry is desirable and high school or college algebra is necessary for an understanding of the material covered in this course.) Three hours lecture and one recitation hour per week. Prerequisite(s): Concurrent MATH 120 or Math ACT of 23+.

CHEM 106. General Chemistry II (3 credit hours)

A continuation of Chemistry 105. Contents include chemical equilibria, atomic and electronic structure of atoms, chemical bonding, oxidation-reduction reactions and descriptive chemistry. Three hours lecture and one recitation hour per week. Prerequisite(s): C in CHEM 105; C in MATH 120 or Math ACT 23+.

CHEM 107. General Chemistry Laboratory I (2 credit hours)

An introduction to the principles of experimentation and laboratory techniques as applied to the experimental science of chemistry. Three hours per week. Prerequisite(s): CHEM 105 or current enrollment in CHEM 105.

CHEM 108. General Chemistry Laboratory II (2 credit hours)

A continuation of CHEM 107. Three hours per week. Prerequisite(s): CHEM 105, 106 and 107 (enrollment in CHEM 106 may be concurrent).

CHEM 201. Elementary Organic Chemistry and Biochemistry (4 credit hours)

A continuation of CHEM 101, which covers organic chemistry and biochemistry with an emphasis on health relevance and applications. The laboratory experience of two hours each week will help illustrate the principles and techniques used in organic chemistry and biochemistry. Prerequisite(s): C in CHEM 101 or CHEM 105.

CHEM 202. Computer Chemistry (2 credit hours)

This course is designed to provide exposure to the use of selected computer programs that are often used by modern chemists. These include programs for drawing chemical structures, programs for molecular mechanics calculations, spreadsheet programs for doing various types of repetitive chemical calculations, spectral simulation programs, and programs for technical computing and higher-level math. Prerequisite(s): CHEM 106; CHEM 205 or concurrent.

CHEM 205. Organic Chemistry I (3 credit hours)

The study of aliphatic compounds with special emphasis on the mechanism of their reactions. Modern nomenclature and use of spectroscopic methods in organic chemistry are discussed throughout the course. Designed for science majors. Three hour lecture and one recitation hour per week. Prerequisite(s): CHEM 106.

CHEM 206. Organic Chemistry II (3 credit hours)

A continuation of Chemistry 205. The chemistry of aromatic compounds and many modern methods of chemical synthesis are covered. The major classes of biological chemical compounds are discussed. Three hours lecture and one recitation hour per week. Prerequisite(s): CHEM 205.

CHEM 207. Organic Chemistry Laboratory I (2 credit hours)

An introduction to the fundamental laboratory techniques used in organic chemistry. Four hours per week. Prerequisite(s): CHEM 108 and CHEM 205 (enrollment in CHEM 205 may be concurrent).

CHEM 208. Organic Chemistry Laboratory II (2 credit hours)

A continuation of CHEM 207 with an emphasis on learning the basic methods used in preparing organic compounds and an introduction to qualitative organic chemistry. Four hours per week. Prerequisite(s): CHEM 205, 206 and 207 (enrollment in CHEM 206 may be concurrent).

CHEM 211. Introductory Analytical Chemistry (4 credit hours)

Volumetric, gravimetric, spectrophotometric and electrochemical methods of analysis. Two hours lecture and four hours lab. Prerequisite(s): C in CHEM 106, 108 and MATH 120; concurrent enrollment in MATH 102 or MATH 121.

CHEM 301. Physical Chemistry I (3 credit hours)

Fundamental principles and laws of chemistry, including thermodynamics, statistical mechanics and chemical kinetics. Prerequisite(s): CHEM 106, 202, 206, 208, MATH 206, and PHYS 201 or 231.

CHEM 302. Physical Chemistry II (3 credit hours)

Statistical mechanics, electrochemistry, quantum mechanics, molecular structure and spectroscopy. Prerequisite(s): CHEM 301, MATH 207 and PHYS 202 or 232.

CHEM 303. Physical Chemistry Laboratory I (2 credit hours)

Three class hours per week the course emphasizes both the experimental techniques and the theoretical concepts behind the experiments. The experiments include those involving the principles of chemical thermodynamics, introductory statistical thermodynamics and chemical kinetics. Both wet and dry experiments will be performed. The latter help explain important concepts such as probability, entropy and free energy, and make use of Excel and Mathematics. Prerequisite(s): CHEM 301 or concurrently.

CHEM 304. Physical Chemistry Laboratory II (2 credit hours)

Three class hours per week the course emphasizes both the experimental techniques and the theoretical concepts behind the experiments. The experiments include those involving the principles of quantum chemistry and spectroscopy. Both wet and dry experiments will be performed. The latter help explain important concepts such as observables, precise and average value properties, wave functions and eigenvalues and make use of mathematics and Excel. Prerequisite(s): CHEM 302 or concurrent.

CHEM 312. Environmental Chemistry (3 credit hours)

Environmental chemistry is the study of the chemical phenomena in the environment. In this course, the environmental problems are discussed from the viewpoint of the chemist. The study of the various environmental factors and pollutants in our water, soil and air and their effects on life and the environment are investigated. Available solutions for control and reduction of these pollutants are discussed. Three class hours per week. Prerequisite(s): CHEM 206 or permission of instructor.

CHEM 331. Biochemistry (3 credit hours)

The goal of this course is to teach the principles of chemical reactions in biological systems. Topics include: protein chemistry, enzymology, genetic diseases, bioenergetics/respiration, metabolism and nucleic acid chemistry. Wherever possible applications of biochemistry to health and environment will be emphasized. It is recommended that CHEM 333 be taken concurrently. Prerequisite(s): CHEM 206.

CHEM 333. Biochemistry Laboratory (2 credit hours)

The purpose of this course is to teach the principles and techniques used in modern biochemistry. Protein isolation and characterization, enzyme kinetics, carbohydrate chemistry and nucleic acid chemistry will be covered. Experimental methods include electrophoresis, gas chromatography/ mass spectrometry, high performance liquid chromatography (HPLC) and spectrometry. Three class hours per week. Pre or co-requisite: CHEM 331.

CHEM 350. Junior Seminar (1 credit hour)

An introduction to chemical literature, including how to search topics and prepare presentations based on those searches. Both written and oral communication skills will be developed. Prerequisite(s): CHEM 206.

CHEM 356. Environmental Toxicology (3 credit hours)

This course is designed with the future industrial chemist in mind. The main focus is the discovery of how the chemicals we make today affect our health tomorrow. Topics to be discussed include the history of toxicology, absorption, distribution and excretion of toxicants, and nonorganic-directed toxicity and target organ toxicity. Prerequisite(s): CHEM 206.

CHEM 357. Green Chemistry (3 credit hours)

Green chemistry or environmentally benign chemistry is the design of chemical products and processes that reduce or eliminate the use and generation of hazardous substances. The course will cover the history of science and its effect on the environment and the global population. Concepts and applications of green chemistry will be discussed and compared to other traditional methods. Prerequisite(s): CHEM 206

CHEM 411. Inorganic Chemistry (3 credit hours)

A systematic study of the principles of structure and reactivity of the chemical elements and their compounds. Prerequisite(s): CHEM 301 or concurrent.

CHEM 413. Inorganic Chemistry Laboratory (2 credit hours)

The synthesis and characterizations of inorganic compounds. Three hours per week. Take concurrently with CHEM 411.

CHEM 416. Instrumental Analysis (3 credit hours)

Theoretical aspects of instrumental methods of chemical and structural analysis. Prerequisite(s): CHEM 211 and CHEM 301.

CHEM 418. Instrumental Analysis Laboratory (2 credit hours)

Characterization and analysis of materials using infrared, atomic absorption, UV-visible and nuclear magnetic resonance spectroscopy; gas and high-performance liquid chromatography; and electroanalytical chemistry. Three class hours per week. Prerequisite(s): Concurrent enrollment in CHEM 416.

CHEM 420. Undergraduate Library Research (1 credit hour)

An introduction to library research techniques and the chemistry literature. Staff assigns a topic and supervises the project. Prerequisite(s): Permission of chair and instructor.

CHEM 425. Advanced Organic Chemistry (3 credit hours)

A study of organic reactions applied to organic synthesis. This course reviews functional groups, methods for forming carbon-carbon bonds, and surveys the more important reagents for functional group transformations. Three class hours per week. Prerequisite(s): CHEM 206 and 301.

CHEM 429. Spectroscopic Methods (3 credit hours)

The use of UV, IR, NMR and mass spectroscopy for investigating molecular structures. Prerequisite(s): CHEM 206 and CHEM 301.

CHEM 450. Senior Seminar (1 credit hour)

Oral presentation of topics of current chemical interest, including the presentation of students' research results. This course should be taken in the senior year. Prerequisite(s): CHEM 350 and permission of the department chair.

CHEM 459. Inquiry-Based Research for Education Majors (1 credit hour)

In this individualized, lab-based course, teacher education candidates will investigate, design and implement an inquiry/research project and communicate the results. Prerequisite(s): Permission of the department chair.

CHEM 460. Directed Student Research (1 credit hour)

Designed for the chemistry student who desires to do research on a special chemical project in his/her junior or senior year. Prerequisite(s): Permission of the department chair.

CHEM 461. Directed Student Research (2 credit hours)

Designed for the chemistry student who desires to do research on a special chemical project in his/her junior or senior year. Prerequisite(s): Permission of the department chair.

CHEM 462. Directed Student Research (3 credit hours)

Designed for the chemistry student who desires to do research on a special chemical project in his/her junior or senior year. Prerequisite(s): Permission of the department chair.

Chemistry Graduate Course Descriptions

CHEM 512. Environmental Chemistry (3 credit hours)

Environmental chemistry is the study of the chemical phenomena in the environment. In this course, the environmental problems are discussed from the viewpoint of the chemist. The study of the various environmental factors and pollutants in our water, soil and air and their effects on life and the environment are investigated. Available

solutions for control and reduction of these pollutants are discussed. Three class hours per week. Prerequisite(s): CHEM 206 or permission of instructor; graduate status.

CHEM 525. Advanced Organic Chemistry (3 credit hours)

A study of organic reactions applied to organic synthesis. This course reviews functional groups, methods for forming carbon-carbon bonds and surveys the more important reagents for functional group transformations. Three class hours per week. Prerequisite(s): CHEM 206 and 302 or permission of instructor; graduate status.

CHEM 531. Biochemistry (3 credit hours)

The goal of this course is to teach the principles of chemical reactions in biological systems. Topics include: protein chemistry, enzymology, genetic diseases, bioenergetics/respiration, metabolism and nucleic acid chemistry. Wherever possible, applications of biochemistry to health and environment will be emphasized. It is recommended that Chemistry 533 be taken concurrently. Three class hours per week. Prerequisite(s): CHEM 206.

CHEM 533. Biochemistry Laboratory (2 credit hours)

The purpose of this course is to teach the principles and techniques used in modern biochemistry. Protein isolation and characterization, enzyme kinetics, carbohydrate chemistry and nucleic acid chemistry will be covered. Experimental methods include electrophoresis, gas chromatography/ mass spectrometry, high performance liquid chromatography (HPLC) and spectrometry. Three class hours per week. Pre or co-requisite: CHEM 531.

Chemistry Faculty

Fultz, Micheal (2009), Associate Professor of Chemistry. B.S. University of Tennessee, Martin; Ph.D. Indiana University, 2009. Areas of Research: Organic Synthesis of biologically active molecules.

Guetzloff, Thomas F. (2000), Professor of Chemistry. B.S. St. Norbert College; Ph.D. South Dakota State University, 1996. Areas of Research: Analytical Chemistry, Water Quality and Organic Synthesis.

Molnar, Sharon (1998), Associate Professor of Chemistry. B.A. College of St. Catherine's; Ph.D. Virginia Polytechnic Institute and State University, 1996. Areas of Research: Metallic complexes used in artificial photosynthesis schemes.

Moncrief, Anthony (2007), Instructor of Chemistry. B.S. Jackson State University; M.S. University of Kentucky, 2005. Areas of Research: Bioanalytical detection, Instrumental miniaturization.

Naga, Sundar (1992), Professor of Chemistry. B.S. Madurai University; M.S. Madurai University; Ph.D. University of Maine, 1987. Areas of Research: Quantum mechanical calculations, synthesis of nanocompounds and chemical education.

Sekabunga, Ernest J. (1998), Associate Professor of Chemistry and Department Chairperson, B.S. Makerere University; M.S. University of Manchester; Ph.D. Auburn University, 1997. Areas of Research: Transition-metal phosphine coordination chemistry and water remediation.

Sklute, Genia (2009), Associate Professor of Chemistry. B.S. Hebrew University; M.S. in Technion- Israel Institute of Technology, Haifa; Ph.D. Technion- Israel Institute of Technology, 2007. Dr. Sklute teaches Organic Chemistry Labs and Lectures. Areas of Research: Organic Synthesis, Organometallic Chemistry, Catalysis.

Mathematics & Computer Science

Dr. Michael Anderson
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The Department of Mathematics and Computer Science offers the Bachelor of Science Degree in Mathematics and the Bachelor of Science Degree in Computer Science. The Department endeavors to give students a sound background for a basic understanding of science; to give prospective teachers a professional attitude, a strong subject matter foundation and adequate skills and techniques in the application and the teaching of the material; and, to show students that mathematics is a living and vital discipline by seeing it applied in the classroom and in the various fields of industry.

The Computer Science program will teach students about object-oriented and procedural programming techniques, data structures and database management, operating systems and distributed computing in order to provide them with a fundamental understanding of those concepts of computer science which will enable them to adapt to and function in any current computing environment.

The Department of Mathematics and Computer Science provides the courses for education students with mathematics as the teaching field. See the Bachelor of Science in Education for specific requirements.

Bachelor of Science in Mathematics

120 hours required for graduation

General Education

38-40 hours

Mathematics Major

41 hours

Mathematics Cognate Courses, 11-13 hours: CS 101
and
BIOL 120*, 121
or
CHEM 105, 106, 107, 108
or
PHYS 231, 232

The Options

Choose one option area:

- A. Classical Emphasis
MATH 205, 206, 207, 208, 222, 307, 308, 402, 408, plus 12 elective hours in upper-division mathematics courses.
- B. Applied Emphasis
MATH 205, 206, 207, 208, 222, 307, 402, 404, 408, plus 12 elective hours in upper-division mathematics courses.

Free Electives

Enough to bring total hours to 120

Minor in Mathematics (17 Hours)

MATH 207, 208, 222 and any two of the following: MATH 307, 308, 402, 403, 404, 406, 409

Bachelor of Science in Computer Science

120 hours required for graduation

General Education

38-40 hours

Computer Science Major

41 hours: CS 101, 102, 210, 230, 240, 250, 311, 336, 405 and 408. Plus select 12 hours from upper-division computer science courses and MATH 404.

Computer Science Cognate Courses, 21- 22 hours: MATH 205, 206, 207, 222, 307

and

BIOL 120*

or

CHEM 105 and 107

or

PHYS 231

Free Electives

Enough to bring total hours to 120

Minor in Computer Science (17 Hours)

CS 101, 102, 210, 230, 240, and one upper-level (300-400) CS course

* May be cross-listed for general education

Mathematics Classical Option Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	Free Elective	3
MATH 206*	4	MATH 307	3
G ED 101	3	Science Cognate**	4-5
G ED Wellness	2	G ED International Perspectives	3
G ED Oral Communication	3	Free Elective	3
Semester Total	15	Semester Total	16-17
Second Semester		Second Semester	
G ED Written Communication II	3	MATH 308	3
MATH 207	4	MATH 300/400	3
G ED Social Science	3	Science Cognate	4-5
CS 101	3	Free Elective	3
G ED Arts	3	Free Elective	2-3
Semester Total	16	Semester Total	15-17
Sophomore Year		Senior Year	
First Semester		First Semester	
MATH 208	4	MATH Elective 300/400	3
Free Elective	3	MATH Elective 300/400	3
MATH 205	3	G ED Natural Science	3-4
Free Elective	3	Free Elective	3
G ED Humanities	3	Free Elective	3
Semester Total	16	Semester Total	15-16
Second Semester		Second Semester	
MATH 222	3	MATH Elective 300/400	3
G ED Scientific Reasoning	3-4	MATH 408	2
MATH 402	3	Free Elective	3
G ED History	3	Free Elective	3
Semester Total	12-13	Free Elective	3
		Semester Total	14

*Some students may need to complete MATH 121 or both MATH 120 and MATH 102 before taking MATH 206.

**Students selecting BIOL 120 will need only one other General Education Natural Science course.

Mathematics Applied Option Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	Free Elective	3
MATH 206*	4	MATH 205	3
G ED 101	3	Free Elective	3
G ED Wellness	2	Science Cognate**	4-5
G ED Oral Communication	3	MATH Elective 300-400	3
Semester Total	15	Semester Total	16-17
Second Semester		Second Semester	
G ED Written Communication II	3	Free Elective	3
MATH 207	4	Science Cognate	4-5
G ED Social Science	3	MATH Elective 300/400	3
CS 101	3	Free Elective	2-3
G ED Arts	3	Free Elective	3
Semester Total	16	Semester Total	15-17
Sophomore Year		Senior Year	
First Semester		First Semester	
MATH 208	4	MATH 404	3
MATH 307	3	MATH Elective 300/400	3
G ED International Perspectives	3	MATH 408	2
G ED History	3	G ED Natural Science	3-4
Free Elective	3	Free Elective	3
Semester Total	16	Semester Total	14-15
Second Semester		Second Semester	
MATH 222	3	MATH 300/400	3
G ED Scientific Reasoning	3-4	Free Elective	3
MATH 402	3	Free Elective	3
G ED Humanities	3	Free Elective	3
Semester Total	12-13	Free Elective	3
		Semester Total	15

*Some students may need to complete MATH 121 or both MATH 120 and MATH 102 before taking MATH 206.

**Students selecting BIOL 120 will need only one other General Education Natural Science course.

Computer Science Suggested Course Sequence**Freshman Year****First Semester**

G ED Written Communication I	3
CS 101.....	3
MATH 206*.....	4
G ED Oral Communication.....	3
G ED 101	3
Semester Total	16

Second Semester

G ED Written Communication II.....	3
MATH 207.....	4
G ED Social Science.....	3
CS 102.....	3
G ED Arts	3
Semester Total	16

Sophomore Year**First Semester**

CS 230.....	3
CS 240.....	3
MATH 205.....	3
G ED Humanities	3
Free Elective	3
Semester Total	15

Second Semester

CS 210.....	3
CS 250.....	3
MATH 222.....	3
G ED Scientific Reasoning	3-4
Free Elective	3
Semester Total	15-16

*Some students may need to complete MATH 121 or both MATH 120 and MATH 102 before taking MATH 206.

**Students selecting BIOL 120 will need only one other General Education Natural Science course.

Junior Year**First Semester**

CS 311	3
MATH 307	3
CS Elective 300/400.....	3
G ED History.....	3
G ED International Perspectives.....	3
Semester Total.....	15

Second Semester

CS 336.....	3
CS Elective 300/400.....	3
Science Cognate**	4-5
G ED Wellness	2
Free Elective.....	3
Semester Total.....	15-16

Senior Year**First Semester**

CS 405	3
CS Elective 300/400.....	3
Free Elective.....	3
G ED Natural Science	3-4
Free Elective.....	3
Semester Total.....	15-16

Second Semester

CS 408	2
CS Elective 300/400.....	3
Free Elective.....	3
Free Elective.....	4
Free Elective.....	3
Semester Total.....	15

Computer Science Course Descriptions

CS 100. Introduction to Computers and their Applications (3 credit hours)

Computer history, application and ethics, operating systems, word processing, spread sheets, databases, and integrating applications, data communications and the internet computer security and privacy. Prerequisite(s): 19 or above in Math ACT.

CS 101. Programming Fundamentals (3 credit hours)

The fundamental concepts of programming using C. Historical and social context of computing and an overview of computer science as a discipline. Prerequisite(s): Eligibility for MATH 120.

CS 102. The Object-Oriented Paradigm (3 credit hours)

The fundamental concepts of object-oriented programming using language such as C++, JAVA, or another O-OP language of the instructor's choice. Prerequisite(s): C or better in CS 101.

CS 202. FORTRAN Programming I (3 credit hours)

Structured FORTRAN with documentation, input- output, loops and logic statements. Prerequisite(s): MATH 120, CS 101.

CS 204. Introduction to COBOL Programming (3 credit hours)

Provides the basic elements of the computer language necessary to run programs with an emphasis on business applications. Prerequisite(s): CS 101.

CS 210. Fundamentals of Operating Systems (3 credit hours)

An introduction to the organization of computer operating systems and the range of computer operations available through efficient use of operating systems. Prerequisite(s): CS 102

CS 214. Introduction to Visual Basic (3 credit hours)

This course introduces students to the standard visual basic forms, controls and event procedures. Sequential and random access file handling, database access and general language structure will be explored. Prerequisite(s): CS 101.

CS 230. Database Management Systems (3 credit hours)

This course presents the history of database management systems, the logical and physical structures of several current models, and deals in a practical, experiential way with the design of databases and the management systems that control them. Prerequisite(s): CS 102.

CS 236. Introduction to PASCAL (3 credit hours)

The basic concepts and skills, including general problem-solving techniques, files and text processing and abstract data structures. Prerequisite(s): CS 101.

CS 240. Data Communications and Networking (3 credit hours)

An introduction to the theories, terminology, equipment and distribution media associated with data communications and networking. Prerequisite(s): CS 102.

CS 250. Data Structures and Algorithms (3 credit hours)

An introduction to the implementation and use of abstract data types including dynamic arrays, linked lists, stack, queues, three hash tables and heaps as well as algorithms that operate on these structures with a preliminary study of algorithmic complexity. Prerequisite(s): CS 102 and Math 205.

CS 266. Introduction to JAVA (3 credit hours)

This course introduces students to the JAVA programming language. This object-oriented language is gaining popularity for developing secure, platform-independent applications and is often the language of choice for internet applications. Prerequisite(s): CS 102.

CS 299. Special Topics (1-4 credit hours)

A sophomore-level course designed for a topic of special current interest. Prerequisite(s): As stated by the offering.

CS 309. Software Engineering (3 credit hours)

Application of the tools, methods and disciplines of computer science to solving real-world problems. Topics include: the software process, software life-cycle models, software teams, quality assurance, project duration and cost estimation. Prerequisite(s): CS 250.

CS 310. Computer Architecture and Assembly Language (3 credit hours)

An introduction to the design and organization of computer systems. Introduction to tradeoff evaluation based on Amdahl's Law and discussion of fundamental building blocks of computer systems including the arithmetic logic unit (ALU), floating point unit (FPU), memory hierarchy and input-output (I/O) system. Study includes the instruction set architecture (ISA), a companion of RISC and CISC architecture. Prerequisite(s): CS 102 and MATH 205.

CS 311. Object-Oriented Programming (3 credit hours)

Object-oriented programming using languages such as C++, Java, Smalltalk, Delphi. Prerequisite(s): CS 250.

CS 335. Introduction to Systems Analysis (3 credit hours)

Life cycle of business information study, design, development, and operating phases, feasibility, project control. Prerequisite(s): CS 250.

CS 336. Scripting Languages (3 credit hours)

Shell scripts and batch files, programming using interpreted languages such as PERL, Python, PHP, JavaScript or VBScript for automation of system administration tasks and web programming. Prerequisite(s): CS 102

CS 365. GUI Programming (3 credit hours)

Graphical user interface design and implementation using visual programming tools and libraries. Prerequisite(s): CS 250.

CS 399. Special Topics (1-3 credit hours)

A junior-level course designed for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

CS 405. Algorithms (3 credit hours)

Design and analysis of algorithms and data structures, asymptotic analysis, recurrence relations, probabilistic analysis, divide and conquer, searching, sorting and graph processing algorithms. Prerequisite(s): CS 250.

CS 408. Senior Seminar (2 credit hours)

Integrates the work completed in the various courses. Reading and research oriented. (To be taken in one of the last two semesters prior to graduation.)

CS 410. Systems Administration (3 credit hours)

Maintenance of a multi-user computer system, managing services, managing users, managing data, file systems, networking and security. Prerequisite(s): CS 240 and CS 336.

CS 415. Theory of Computing (3 credit hours)

Formal grammars and languages, Chomsky Normal Form, Greibach Normal Form, finite automata, pushdown automata, turing machines, computability. Prerequisite(s): CS 250 and CS 311.

CS 425. Compiler Design (3 credit hours)

Introduces the theory and practice of programming language translation. Topics include compiler design, lexical analysis, parsing, symbol tables, declaration and storage management, code generation and optimization techniques. Prerequisite(s): CS 250 and CS 310.

CS 445. Embedded Systems (3 credit hours)

An introduction to embedded system design and implementation, including specifications and modeling of embedded systems, hardware/software co-design, development methodologies and system verification and implementation with CAD tools. Prerequisite(s): CS 310 or equivalent.

Mathematics Course Descriptions

MATH 020. Fundamentals of Algebra (3 credit hours)

Real numbers and their operations, algebraic expressions, linear equations and inequalities, Cartesian coordinates and graphs, integer exponents, polynomials, quadratic equations, lines.

MATH 021. Essentials of Algebra (1 credit hour)

Real numbers, linear equations, systems of linear equations in two variables, quadratic equations, square roots, evaluating polynomials, radical and exponential expressions. Prerequisite(s): MATH 020, or ACT Math 17+ or equivalent.

MATH 102. Plane Trigonometry (3 credit hours)

Trigonometry functions and graphs, identities and equations, solving triangles, vectors, polar coordinates, De Moivre's Theorem. Prerequisite(s): MATH 120 or Math Enhanced ACT score of 23 or above or permission of instructor.

MATH 103. Problem Solving and Number Sense (3 credit hours)

Estimation, problem solving, sets, whole and rational number operations and properties, the set of integers, elementary number theory. Prerequisite(s): C or better in MATH 020, MATH 021, or concurrent enrollment in MATH 021, or ACT MATH 19+ or equivalent.

MATH 104. Algebra, Statistics, and Probability (3 credit hours)

Rational numbers, percent, probability, statistics, algebraic methods and problem solving, with reference to the NCTM standards. Prerequisite(s): MATH 103.

MATH 105. Geometry and Measurement (3 credit hours)

Geometry, measurement, transformations, coordinates, with reference to the NCTM standards. Prerequisite(s): MATH 103.

MATH 111. Mathematics for Liberal Arts (3 credit hours)

Problem solving, number systems, logic, consumer math, basic algebra and geometry, basic probability and statistics. Prerequisite(s): C or better in MATH 020, MATH 021, or concurrent enrollment in MATH 021, or ACT MATH 19+ or equivalent.

MATH 119. Algebraic Methods (3 credit hours)

Quadratic equations, radical expressions, complex numbers, systems of linear equations, graphs of functions, exponentials and logarithms. Prerequisite(s): C or better in MATH 020, MATH 021, or concurrent enrollment in MATH 021, or ACT MATH 19+ or equivalent.

MATH 120. College Algebra (3 credit hours)

Equations and inequalities, functions, systems of equations and inequalities, graphing, rational expressions, radical expressions, and applications of the above. Prerequisite(s): MATH 119 or ACT MATH 21+ or equivalent.

MATH 121. Pre-Calculus (4 credit hours)

Properties and applications of algebraic and transcendental functions, angles, trigonometric ratios and identities, conic sections, polar coordinates, systems of equations, matrices. Prerequisite(s): a grade of C or better in MATH 120, or ACT MATH 23+ or equivalent.

MATH 150. Introduction to LaTeX (1 credit hour)

Typesetting scientific and technical documents.
Prerequisite(s): MATH 206, or concurrent enrollment in MATH 206, or permission of the instructor.

MATH 205. Discrete Mathematics (3 credit hours)

The basic non-calculus mathematics for computer science in the areas of algebra, logic, combinations and graph theory.
Prerequisite(s): MATH 120 and CS 101.

MATH 206. Analytic Geometry and Calculus I (4 credit hours)

One- and two-dimensional analytic geometry, functions, limits, continuity, the derivative and its applications, maxima and minima, concavity, Newton's Method, integration, area, Fundamental Theorem of Calculus, numerical integration, transcendental functions.
Prerequisite(s): MATH 120 and 102 or MATH 121.

MATH 207. Analytic Geometry and Calculus II (4 credit hours)

Applications of integration, techniques of integration, improper integrals, sequences and series, Taylor's series, parametric equations, polar coordinates, conic sections.
Prerequisite(s): MATH 206.

MATH 208. Analytic Geometry and Calculus III (4 credit hours)

Vectors, lines and planes in space, quadric surfaces, cylindrical and spherical coordinates, vector calculus, multivariable functions, partial differentiation and gradients, constrained and unconstrained optimization, double and triple integrals, volume, centroids, moments of inertia, line integrals. Prerequisite(s): MATH 207.

MATH 222. Elementary Statistics for Math and Natural Science (3 credit hours)

Descriptive statistics, probability distributions, experiment design and sampling, confidence intervals, hypothesis testing. Statistical software packages will be used.
Prerequisite(s): C or better in MATH 120 or ACT MATH 23+ or equivalent, or permission of instructor.

MATH 299. Special Topics (1-3 credit hours)

Televised courses or other courses designed for special purposes.

MATH 300. Introduction to College Geometry (3 credit hours)

Advanced topics in the geometry of triangles, transformations (dilatations, similitude and inversion), foundations of geometry, theorems of Ceva and Menelaus, Desargues' configuration and duality. Prerequisite(s): MATH 207.

MATH 307. Linear Algebra (3 credit hours)

Vector spaces, linear transformations, inner products, orthonormality, eigenvalue problems, system of linear

equations, matrices, determinants; application.
Prerequisite(s): MATH 207.

MATH 308. Introduction to Modern Abstract Algebra (3 credit hours)

Axiomatic development of rings, integral domains, fields, polynomials, complex numbers, group theory, isomorphism.
Prerequisite(s): MATH 208.

MATH 309. Introduction to the History of Mathematics (3 credit hours)

The history of mathematics from the earliest times until the 18th century, as developed in Egypt, India, China, Greece and Europe. Prerequisite(s): MATH 205 and 207.

MATH 310. Elementary Number Theory (3 credit hours)

Induction, well-ordering principle, Euclidean Algorithm, Chinese Remainder Theorem, Fermat's and Wilson's Theorems, prime numbers, multiplicative functions, quadratic reciprocity, sum of squares, Diophantine Equations, Fermat's Last Theorem, cryptology.
Prerequisite(s): MATH 205 and MATH 207.

MATH 315. Introduction to Complex Variables (3 credit hours)

Limits, continuity and differentiation of complex functions, analytic functions, Cauchy Riemann Equations, integration, contours, Cauchy's Integral Formula, Taylor series and Cauchy's Residue Theorem. Prerequisite(s): MATH 208.

MATH 317. Mathematics for Teaching (3 credit hours)

Materials and methods for teaching mathematics in elementary school. Prerequisite(s): EDUC 316 and MATH 104 and 105.

MATH 399. Special Topics (1-3 credit hours)

A junior-level course designed for a topic of special current interest, including televised courses.
Prerequisite(s): As stated for each offering.

MATH 401. Introduction to Vector Analysis (3 credit hours)

Vector algebra, derivatives, space curves, line and surface integrals, transformation of coordinates, directional derivative, divergence and Stokes' theorem; applications.
Prerequisite(s): MATH 208.

MATH 402. Differential Equations I (3 credit hours)

The types and solutions of differential equations of the first and second order. Solutions of differential equations and the application of physics and mechanics. Prerequisite(s): MATH 208.

MATH 403. Introduction to Probability (3 credit hours)

Discrete and continuous probability models, random variables, estimation of parameters, moments, conditional probability, independence, central limit theorem, sampling distributions. Prerequisite(s): MATH 208 and 222.

MATH 404. Numerical Analysis (3 credit hours)

Numerical solution of linear and non-linear algebraic equations and eigenvalue problems, curve fitting, interpolation theory, numerical integration, differentiation and solution of differential equations, algorithms and computer programming. Prerequisite(s): MATH 208 and one programming language.

MATH 405. Differential Equations II (3 credit hours)

Laplace transform series solutions, Bessel and Legendre equations, systems of equations, existence theorems and numerical methods. Prerequisite(s): MATH 402.

MATH 406. Mathematics Statistics (3 credit hours)

Decision theory, confidence intervals, hypothesis testing, multiple linear regression, correlations, analysis of variance, covariance, goodness of fit tests, non-parametric tests. Prerequisite(s): MATH 403.

MATH 407. Introduction to Topology (3 credit hours)

Set theory, cardinal numbers, orderings, continuity, homeomorphisms, convergence, separation, compactness, connectedness, completeness; topological, metric, regular, normal and Hausdorff spaces. Prerequisite(s): MATH 208.

MATH 408. Senior Mathematics Seminar (2 credit hours)

Integrates the work completed in the various courses. Reading and research oriented. To be taken in one of the last two semesters prior to graduation.

MATH 409. Advanced Calculus I (3 credit hours)

Functions of several variables, vector functions, gradient, partial differentiation, directional derivative, multiple integrals, maxima and minima, improper integrals, line and surface integrals, divergences and Stokes' theorem. Prerequisite(s): MATH 208.

MATH 410. Advanced Calculus II (3 credit hours)

Convergence of infinite series, uniform convergence, Taylor's series, Fourier series, ordinary and partial differential equations; functions of a complex variable including integrals, power series, residues and poles, conformal mapping. Prerequisite(s): MATH 409.

MATH 411. Teaching of Mathematics in Secondary and Middle Schools (3 credit hours)

Review of the fundamental operations as applied to integers, fractions, and decimals; objective, methods, and materials of instruction of mathematics, lesson and unit planning, classroom procedure in teaching mathematics, and use of mathematics laboratory. Prerequisite(s): EDUC 316, MATH 205, and MATH 300.

MATH 415. Differential Equations for Science and Engineering (4 credit hours)

Ordinary differential equations, series solutions, Laplace transforms, systems of differential equations, Fourier series,

partial differential equations, applications. Prerequisite(s): MATH 208.

Math & Computer Science Faculty

Anderson, Michael (1995), Professor of Mathematics. B.S. Michigan State University; M.S. Michigan State University; Ph.D. The Ohio State University, 1993. Areas of research: Representation Theory and database design and implementation.

Armstrong, Sonya (1999), Professor of Mathematics. B.A. Bernard Baruch College, City University of New York; M.S. Johns Hopkins University; M.A. University of Rochester; Ph.D. University of Rochester, 1997. Areas of research: Statistical modeling.

Baker, Ronald D. (1994), Professor of Mathematics. B.S. Central State University; Ph.D. The Ohio State University, 1975. Areas of research: Combinatorics.

Jayasuriya, Kumara L. (2014), Provost and Vice President for Academic Affairs and Professor of Mathematics. B.S. University of Colombo; M.S. Southern Illinois University; Ph.D. University of Wisconsin-Milwaukee, 1993. Areas of research: Numerical methods.

Kail, Karen A. (2015), Instructor of Mathematics. B.S. The Ohio State University; M.A. Marshall University, 2004. Areas of research: K-12 mathematics education and developmental mathematics.

Karunathilake, Upali (2008), Associate Professor of Mathematics. B.S. University of Minnesota; M.S. University of Kelaniya, Sri Lanka; Ph.D. University of Minnesota, 2007. Areas of research: Partial differential equations and functional analysis.

Lamb, Larry (2012), Instructor of Mathematics. B.A. Glenville State College, M.Ed. University of Louisville, 1984. Areas of research: Developmental mathematics.

Nui, Linwei (2013), Associate Professor of Computer Science. B.S. Peking University (Beijing); M.S. State University of New York at Stony Brook; Ph.D. University of South Carolina, 2006. Areas of research: Real-time embedded systems and energy efficient computing.

Zaman, Naveed (2000), Professor of Mathematics. B.S. Punjab University (Pakistan); M.S. and M.Phil. Quaid-i-Azam University (Pakistan); Ph.D., University of Kentucky, 2000. Areas of research: Homological algebra.

Zhang, Xiaohong (1996), Associate Professor of Mathematics. B.S. Sichuan University; M.S. West Virginia University; Ph.D. Virginia Polytechnic Institute and State University, 1993. Areas of research: Differential equations.

Physics

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The Department of Physics provides support courses for various degree programs and provides students general education courses. The department also provides a background in physics, with a strong academic foundation for students entering careers or going to professional schools requiring such preparation. The Physics Department offers student research opportunities in a project studying meteorite impact sites.

Minor in Physics (20 Hours)
PHYS 203, 204, 231, 232, 234
CHEM 301, 302

Pre-Engineering Program

Our engineering program is designed to parallel the programs in civil, industrial and mechanical engineering at West Virginia University, so West Virginia State University students can seamlessly transfer to the West Virginia University System. A well prepared student should be able to complete our program in two years and then complete a degree within the West Virginia University System in an additional two years. Students enrolled in our program will complete courses at West Virginia State University, which are equivalent to the General Education Curriculum (GEC) at West Virginia University. If engineering or GEC courses are not available at West Virginia State University, students can enroll at West Virginia University during the summer on a transient basis to complete these requirements.

Civil Engineering Pre-Engineering Suggested Course Sequence

Freshman Year	Sophomore Year
First Semester	First Semester
MATH 206..... 4	MATH 2084
CHEM 105..... 3	PHYS 232.....4
CHEM 107..... 2	PHYS 204..... 1
G ED Written Communication I..... 3	ECON 2013
WVU GEC 5..... 3	WVU GEC 33
NSM 101..... 1	ENGR 2413
ENGR 101..... 2	Semester Total..... 18
Semester Total 18	
Second Semester	Second Semester
MATH 207..... 4	MATH 4154
PHYS 231 4	WVU GEC 7 3
PHYS 203 1	WVU GEC 4 or 8 3
G ED Written Communication II..... 3	WVU GEC 9 3
WVU GEC 6..... 3	ENGR 243..... 3
ENGR 102..... 3	Semester Total..... 16
Semester Total 18	
GEC 3 HIST 201	GEC 7 HIST 207
HIST 202	HIST 208
HIST 207	ENGL 316
HIST 208	ENGL 317
GEC 4 POSC 101	GEC 8 HIST 201
POSC 204	HIST 202
POSC 210	HIST 304
SOC 101	ECON 201
ECON 201	ECON 202
ECON 202	Modern Western Foreign Languages
GEC 5 ART 100	GEC 9 PHIL 308
COMM 140	SOC 270
COMM 170	Modern Non-western Foreign Languages
ENGL 315	
GEC 6 COMM 100	
PSYC 151	
PHIL 201	
PHIL 220	

Industrial Engineering Pre-Engineering Suggested Course Sequence

Freshman Year	Sophomore Year
First Semester	First Semester
MATH 206..... 4	MATH 2084
CHEM 105..... 3	PHYS 232.....4
CHEM 107..... 2	PHYS 204..... 1
G ED Written Communication I..... 3	ECON 2013
WVU GEC 5..... 3	WVU GEC 33
NSM 101..... 1	ENGR 2413
ENGR 101..... 2	Semester Total..... 18
Semester Total 18	
Second Semester	Second Semester
MATH 207..... 4	MATH 4154
PHYS 231..... 4	WVU GEC 7 3
PHYS 203..... 1	ECON 202..... 3
G ED Written Communication II..... 3	WVU GEC 9 3
WVU GEC 6..... 3	ENGR 243..... 3
ENGR 102..... 3	Semester Total..... 16
Semester Total 18	
GEC 3 HIST 201	GEC 7 HIST 207
HIST 202	HIST 208
HIST 207	ENGL 316
HIST 208	ENGL 317
GEC 4 POSC 101	GEC 8 HIST 201
POSC 204	HIST 202
POSC 210	HIST 304
SOC 101	ECON 201
ECON 201	ECON 202
ECON 202	Modern Western Foreign Languages
GEC 5 ART 100	GEC 9 PHIL 308
COMM 140	SOC 270
COMM 170	Modern Non-western Foreign Languages
ENGL 315	
GEC 6 COMM 100	
PSYC 151	
PHIL 201	
PHIL 220	

Mechanical Engineering Pre-Engineering Suggested Course Sequence

Freshman Year	Sophomore Year
First Semester	First Semester
MATH 206..... 4	MATH 2084
CHEM 105..... 3	PHYS 232.....4
CHEM 107..... 2	PHYS 204..... 1
G ED Written Communication I..... 3	ECON 2013
WVU GEC 5..... 3	WVU GEC 33
NSM 101..... 1	ENGR 2413
ENGR 101..... 2	Semester Total..... 18
Semester Total 18	
Second Semester	Second Semester
MATH 207..... 4	MATH 4154
PHYS 231 4	WVU GEC 7 3
PHYS 203 1	ECON 2023
G ED Written Communication II..... 3	WVU GEC 9 3
WVU GEC 6..... 3	ENGR 2433
ENGR 102..... 3	Semester Total..... 16
Semester Total 18	
GEC 3 HIST 201	GEC 7 HIST 207
HIST 202	HIST 208
HIST 207	ENGL 316
HIST 208	ENGL 317
GEC 4 POSC 101	GEC 8 HIST 201
POSC 204	HIST 202
POSC 210	HIST 304
SOC 101	ECON 201
ECON 201	ECON 202
ECON 202	Modern Western Foreign Languages
GEC 5 ART 100	GEC 9 PHIL 308
COMM 140	SOC 270
COMM 170	Modern Non-western Foreign Languages
ENGL 315	
GEC 6 COMM 100	
PSYC 151	
PHIL 201	
PHIL 220	

Physics Course Descriptions

PHYS 101. Physical Science Survey I (3 credit hours)

This course is designed to meet the West Virginia State University general education requirements and is well suited to those going into elementary education. In the beginning of the 20th century, scientists came to accept the existence of atoms, even though they could not directly observe them. This acceptance was the result of a fruitful interaction of ideas in physics and chemistry. Students will come to understand this development through lecture and hands-on activities (labs). Class meets three times per week for one hour and 15 minutes. Prerequisite(s): Eligibility to take MATH 120 or 19 on Math ACT.

PHYS 102. Physical Science Survey II (4 credit hours)

This course is designed to meet the West Virginia State University general education requirements and is well suited to those going into elementary education with plenty of hands-on activities. This is the second semester of a yearlong Physical Science class. Students are encouraged to take PHYS 101 before enrolling in this class. The second semester of Physical Science covers the earth/space sciences. The earth science portion of this class focuses on the theory of plate tectonics and how it explains the planetary distribution of rocks, volcanos, earthquakes, etc. The space science portion examines our solar system using Earth as reference and the history of ideas about the solar system. Class meets twice a week for one hour and 15 minutes and once a week for lab for one hour and 50 minutes. Prerequisite(s): Eligibility to take MATH 120 or 19 on Math ACT.

PHYS 103. Elements of Physical Science (3 credit hours)

This General Education course in the Natural Sciences focuses on the question, What is science? It uses laboratory work in topics chosen from physics and chemistry to deal with science and scientific information; 4.5 class hours per week.

PHYS 106. Introduction to Physical Geology (4 credit hours)

A survey of the geological sciences with emphasis on the interrelationship between the Theory of Plate Tectonics and volcanos, earthquakes, natural resources, etc. This class meets the General Education Natural Science requirement. Three hours of lecture, one two-hour laboratory, plus short field trips. Prerequisite(s): score of 17 or above on Enhanced-ACT Math test, or by placement test when appropriate.

PHYS 107. Historical Geology (4 credit hours)

Historical Geology studies the history of the earth, which includes its lithosphere, atmosphere, cryosphere, hydrosphere and biosphere. The approach taken is to view the Earth as a system where these spheres interact. Studying the history of life (biosphere) means, we will examine the geological evidence for evolution. This class is part of the

Bachelor of Business Administration in Energy Management curriculum and meets WVSU's general education requirements. Lecture meets three hours a week and there is a two-hour lab. Prerequisite(s): PHYS 106: Introduction to Physical Geology or BIOL 121: Biological Diversity

PHYS 110. Weather and Climate (4 credit hours)

An introductory course examining the physical properties of the atmosphere, radiation heating and cooling, precipitation, clouds, weather disturbances climate controls, map reading and aviation weather. This class can be used to obtain an environmental science certificate. To meet the requirements of the environmental certificate the class covers smog, acid rain, depletion of the ozone layer and climate change. The class is three hours of lecture and two hours of lab per week for four credit hours.

PHYS 111. Energy and the Environment (4 credit hours)

In the coming decades, one of the most important problems Facing humankind is "How will we meet our energy needs?" In the immediate future fossil fuels will meet most energy needs, but politics, pollution and the finite size of these resources will force changes. The goal of this course is to give students the scientific background to make informed choices. Our starting point is the physics of energy resources. Amongst the topics covered are residential and commercial heating and cooling, fossil fuels, biomass, electricity generation, solar, wind, hydro, nuclear and geothermal. This class is part of the curriculum for Bachelor of Science in Business Administration with a concentration in Energy Management, and meets the general education requirements. Three hours lecture, two hours laboratory and recitation. Prerequisite(s): eligibility to take MATH 120.

PHYS 120. Astronomy (3 credit hours)

An overview of the development of astronomy. Material covers the earth, moon, planets, sun and other stars. Opportunities for celestial and solar observations are provided.

PHYS 121. Astronomy Laboratory (1 credit hour)

Observation, computer simulation and other activities that illustrate the concepts covered in Physics 120, Introduction to Astronomy. Students must have access to a computer, email and fax. Prerequisite(s): Must have completed or be enrolled in Physics 120, Astronomy.

PHYS 134. Introduction to Modern Physics (3 credit hours)

An elementary introduction to concepts behind modern physics theories, including relativity, quantum mechanics, nuclear and particle physics.

PHYS 191. Technical Physics (3 credit hours)

Mechanics and properties of matter, heat, wave motion and sound. Topics are directly related to applied technology. Prerequisite(s): MATH 120 and 102 or permission of instructor.

PHYS 192. Technical Physics (3 credit hours)

Electricity and magnetism, optics and modern physics. Topics are directly related to applied technology. Prerequisite(s): PHYS 191 or permission of instructor.

PHYS 199. Special Problems in Physics (1-3 credit hours)

Independent work on a special problem with any member of the physics faculty. Prerequisite(s): PHYS 204 or permission of the instructor and the Dean of the College.

PHYS 201. General Physics I (4 credit hours)

Mechanics and properties of matter, heat, wave motion and sound. Prerequisite(s): MATH 120 and 102 or permission of the instructor.

PHYS 202. General Physics II (4 credit hours)

Electricity and magnetism, optics and modern physics. Prerequisite(s): PHYS 201 or permission of the instructor.

PHYS 203. General Physics Laboratory I (1 credit hour)

Quantitative work in the laboratory to accompany PHYS 201 and PHYS 231. Two class hours each week. Prerequisite(s): Students must have completed or be registered for PHYS 191 or PHYS 201 or PHYS 231.

PHYS 204. General Physics Laboratory II (1 credit hour)

Quantitative work in the laboratory to accompany PHYS 202 and PHYS 232. Two class hours each week. Prerequisite(s): Students must have completed or be registered for PHYS 192 or PHYS 202 or PHYS 232.

PHYS 209. Elementary Radiation Physics (3 credit hours)

A study of fundamental modern physics emphasizing radioactivity, ionizing radiation and the interaction of radiation with matter. Prerequisite(s): PHYS 202 or permission of instructor.

PHYS 231. Physics for Scientists and Engineers I (4 credit hours)

A calculus-based study of mechanics, sound, heat and thermodynamics. Must be taken concurrently with PHYS 203. Prerequisite(s): MATH 206 or permission of instructor.

PHYS 232. Physics for Scientists and Engineers II (4 credit hours)

A calculus-based study of electricity and magnetism, light, optics and modern physics. Must be taken concurrently with PHYS 204. Prerequisite(s): PHYS 231 or permission of instructor.

PHYS 234. Modern Physics (4 credit hours)

A calculus-based introduction to relativity, quantum mechanics, nuclear and particle physics. Four contact hours a week. Prerequisite(s): PHYS 231 and PHYS 232 or permission of the instructor.

PHYS 299. Special Problems in Physics (1-3 credit hours)

Independent work on a special problem with any member of the physics faculty. Prerequisite(s): Permission of instructor and Dean of the College.

PHYS 311. AC/DC Measurements (3 credit hours)

Experience in measuring AC/DC voltages, current power and capacitance. Introduction to and use will be made of photomultipliers, electronic counting devices, flip-flops, single amplifiers, photosensitive cells and oscilloscopes. Prerequisite(s): PHYS 201 and 202.

PHYS 332. Biophysics (3 credit hours)

A study of sensory systems, nerves, physical microbiology, molecular biology and the thermodynamics of transport systems from the physical principles involved. Prerequisite(s): PHYS 201, 202, CHEM 331, and MATH 206.

PHYS 350. Petroleum Geology (3 credit hours)

This class provides a geological understanding of petroleum, including its origin, its migration, the reservoir rocks in which it is found, the mechanisms by which it is trapped in the subsurface, the techniques by which it is found and extracted, and its geochemical and physical properties. Prerequisite(s): PHYS 107: Historical Geology.

PHYS 351. Pipelines for Business Majors (3 credit hours)

This course is designed to facilitate communication between workers in finance and accounting with those in engineering. The course examines the processes, techniques, equipment and facilities used to transport liquids such as refined products, crude oil, natural gas and natural gas liquids through cross-country pipelines. Topics include the importance of the pipeline infrastructure; planning, designing, constructing, operating and maintaining pipelines; safety issues; regulatory requirements; and the challenges for the future. This class meets for two class hours. Prerequisite(s): PHYS 111: Energy and the Environment.

PHYS 370. Advanced Laboratory (2 credit hours)

Scientific concepts relevant to photographic processes including direct positive color and high contrast are explored and formulated into usable information. Experience is then provided in microphotographic applications. Prerequisite(s): PHYS 170 or permission of instructor.

PHYS 399. Special Problems in Physics (1-3 credit hours)

Independent work on a special problem with any member of the physics faculty. Prerequisite(s): Permission of instructor and of Dean of the College.

PHYS 410. Advanced Laboratory (2 credit hours)

Basic experimental techniques are developed and expanded through the performance and evaluation of several laboratory experiments drawn from optics, electricity and

magnetism and atomic and nuclear physics. Prerequisite(s): MATH 206 or the permission of instructor.

PHYS 499. Special Problems in Physics (1-3 credit hours)
Independent work on a special problem with any member of the physics faculty. Prerequisite(s): Permission of the instructor and Dean of the College.

Engineering Course Descriptions

ENGR 101. Intro to Problem Solving I (2 credit hours)
This course provides the skills needed for beginning engineering students to succeed academically and professionally. This project-based course prepares students for an engineering career by providing opportunities to apply mathematics to solve engineering problems, acquire team working skills, practice written and verbal communication skills, enhance problem solving and design skills, and use a computer as a tool for analysis, design and communication. Prerequisite(s): MATH 121 or MATH 102 and Concurrent Enrollment in MATH 206.

ENGR 102. Intro to Problem Solving II (3 credit hours)
This course is the second part of a two-course sequence that provides the skills needed for beginning engineering students to succeed academically and professionally. The objective of this project-based course is to prepare students for an engineering career by providing opportunities to apply mathematics to solve engineering problems, to acquire teamwork skills, to practice written and verbal communication, and to use a computer as a tool for analysis, modeling, and design. Students will learn to use MATLAB® for programming. Prerequisite(s): ENGR 101 and MATH 206 with C or better.

ENGR 241. Statics (3 credit hours)
In this class, students apply the concept of force equilibrium to problems in engineering. Topics covered are vector operations, couples and moments, resultants, centers of gravity and pressure, static friction, free-body diagrams,

beam theory, trusses and frames. Prerequisite(s): MATH 206 and PHYS 231 with a grade of C or better for both Courses.

ENGR 243. Mechanics of Materials (3 credit hours)
This course examines both the theory and application of the fundamental principles of mechanics of materials. Understanding of the mechanics of materials comes from examining the physical behavior of materials under load, formulating a physical explanation for this behavior; and mathematically modeling the behavior. The ultimate goal is a comprehensive theory of mechanical behavior under load. Prerequisite(s): ENGR 241 and MATH 207 with a grade of C or better.

Physics & Engineering Faculty

Bhuiyan, Mohammad (2015), Assistant Professor of Civil Engineering. B.Sc. Bangladesh University of Engineering and Technology, Bangladesh; M.Sc. Universiti Joseph Fourier, France and ROSE School, Italy; Ph.D. ROSE School, Italy with joint program at Georgia Institute of Technology, 2011. Areas of research: Tall Buildings, Earthquake Engineering, Wind Engineering, Soil-Structure Interaction, Performance-based Design and Bridge Engineering.

Krasnansky, Marek (2007), Associate Professor of Physics. Mgr. (M.S. equivalent) Comenius University (Slovakia); Ph.D. University of Connecticut, 2007. Areas of research: Theoretical particle physics is focused on quantum chromodynamics in the spatial axial gauge and effective action of quantum particles in a classical background field.

Magan, John R. (1967-69, 1984), Associate Professor and Chairperson of Physics. B.S. Muhlenberg College; M.S. Lehigh University; Ph.D. Lehigh University, 1965.

Schedl, Andrew (2006), Assistant Professor of Physics. B.A. Pomona College; M.S. University of Iowa; Ph.D. University of Michigan, 1986. Areas of research: Meteorite impact processes and the building of the Appalachian Mountains.

COLLEGE OF PROFESSIONAL STUDIES

College Mission Statement

To prepare qualified professionals to serve and lead in a global society.

Core Values Overview

The College of Professional Studies prepares graduates for service and leadership roles in the professions of law enforcement, corrections, teaching, health services, recreation and tourism, sports studies, military science and social work. There are societal expectations that are applied to College of Professional graduates that require them to demonstrate standards of conduct, academic attainment and professional performance to be successful in the work force. Therefore, each department in the College has established mission statements, and the entire College has established the following core values, aligned with the College of Professional Studies' Mission, to assist graduates in meeting these societal needs and public trust.

To Prepare Qualified Professionals, graduates must demonstrate:

- Adherence to the Codes of Ethics of their respective professions.
- Academic attainment that is consistent with the demands of the professions in which graduates seek licensure, certification and/or employment.

- Moral character as measured by drug testing, and criminal background checks required prior to and as a condition of employment.

To Serve and Lead, graduates must demonstrate:

- Habits of attendance and punctuality prior to and during all internships to support the requirements of their respective professions.
- The ability to communicate accurately and appropriately with the people they serve.
- The ability to work as members of a team to achieve goals and solve problems.

In a Global Society, graduates must demonstrate:

- The ability to relate to the diverse groups they serve.
- An awareness of the international, national, state, regional and local trends that will impact their professional practice.
- The ability to use personal and occupational technology to be successful in the workplace.

College Structure

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Student Organizations

Criminal Justice

Criminal Justice Club

The West Virginia State University Criminal Justice Club is the Alpha Tau Delta Chapter of the American Criminal Justice Association, Lambda Alpha Epsilon. The purpose of this organization is to promote unity among the criminal justice majors at West Virginia State University through educational, social and off-campus activities. Membership is open to any student that has a criminal justice major or minor, has a minimum GPA of 2.0 and pays the yearly dues of \$5. The first club meeting is held within the first three weeks of the semester and future meeting dates are set then. The Club's advisors are Mr. Mark Addesa and Dr. Michael Kane.

Alpha Phi Sigma

Alpha Phi Sigma, established in 1942, is the national honor society for students enrolled in criminal justice. It is recognized by Academy of Criminal Justice Sciences as the official National Honor Society for Criminal Justice, and is a member of the Association of College Honor Societies. The requirements for membership are at least a 3.2 cumulative grade point average, the completion of at least 12 credits of criminal justice classes, and a grade point average of at least 3.2 in criminal justice courses. Here at West Virginia State University, our Beta Beta Chapter has attended the annual meeting in Boston, Mass., where the membership was recognized in a national undergraduate writing competition, adding to other honors the Chapter has received through the years. The honor society's advisors are Dr. Cassandra Whyte and Dr. Kerri Steele.

Education

Kappa Delta Pi

Kappa Delta Pi, International Honor Society in Education, is organized to recognize excellence in the teaching field. The West Virginia State University Chapter of Kappa Delta Pi is the Lambda Zeta Chapter. Those individuals elected to membership exhibit the ideals of scholarship, high personal standards and promise in teaching and allied professions held by the Society. An invitation is extended to undergraduates in the department of education who have obtained an overall grade point average of 3.0 or above, and who will have completed 45 hours in the college curriculum by the end of the semester. Upon joining this organization an individual remains a member for life with his/her name recorded permanently in the Society Headquarters files. Active membership is maintained through payment of annual dues and participation in service activities. Active membership allows the individual to attend meetings of the Chapter and to be recognized at an initiation ceremony, as well as graduation ceremonies. There are a total of four general chapter meetings each semester. For more

information, contact chapter Counselor Prof. Barbara Korn, or Associate Counselor Dr. Emily Waugh.

W.Va. Student Education Association

The West Virginia Student Education Association (WVSEA) consists of college students who are pursuing or considering careers as educators. WVSEA prospective educators develop an understanding of the profession and assist in their transition from the campus to the classroom. The WVSEA is open to any undergraduate or graduate student taking courses or enrolled in an education program who currently is not employed as an educator or substitute. WVSEA is an affiliate of the West Virginia Education Association (WVEA) and the National Education Association (NEA). For more information contact Counselor Patricia Wilson or Associate Counselor Dr. Daton Dean.

Health & Human Performance

Health & Human Performance Majors Club

The purpose of the Health and Human Performance Majors Club is to increase professional understanding and involvement through stimulating participation in health, physical education, recreation and leisure activities and concerns outside the confines of the classroom. Any student, regardless of sex, ethnic origin, religious affiliation or race, is welcome to join. Students must maintain a 2.0 average in order to be eligible for membership. The current Faculty Advisor is Ms. Patricia R. King at (304) 766-3232.

Rho Phi Lambda Honor Society

Rho Phi Lambda Professional Honor Society is for Recreation and Tourism major students. Requirements for membership include: enrollment in a baccalaureate program, completion of 45 semester hours of graded credit, a cumulative grade point average of 3.0, and a 3.2 in recreation/tourism major courses. Meetings take place at the induction ceremonies, and every spring semester to elect officers. The current Acting Faculty Advisor is Ms. Patricia R. King at (304) 766-3232.

Social Work

Social Work Student Organization

The Social Work Student Organization (i.e., the Club) is open for membership to all social work majors. The Club offers opportunities to socialize with like-minded students, to provide volunteer services to our community through special group projects, and to gain additional information about the social work field. Examples of Club activities include participating in state professional meetings; organizing events for children in low-income housing; fundraising for and implementing community awareness projects, participating in the West Virginia State University Multicultural Festival; and arranging for guest speakers and field trips. The Club typically meets once each month on Tuesdays at noon. The faculty sponsor is Dr. Raphael Mutepa at (304) 766-3234.

Alpha Delta Mu

Alpha Delta Mu is the national Social Work Honorary, which recognizes academic achievement. Membership criteria include the completion of 60 credit hours; achievement of an overall 3.0 GPA; and, a B or better in each social work course undertaken. The West Virginia State University Chapter works closely with the Social Work Student Organization to sponsor special learning opportunities and service learning projects. The faculty sponsor is Ms. Rita Brown (304) 766-3273.

Criminal Justice

Dr. Walter Stroupe
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The Department of Criminal Justice offers a curriculum that will provide students with a thorough understanding of the criminal justice system and its interrelationship with society. The courses will give students an in-depth knowledge about the crime problem in this society, the perpetrators of crime, and the theoretical causes of crime. This foundation will prepare students for successful careers in law enforcement, corrections, probation/parole, juvenile justice and social services, as well as graduate school and law school. Completion of the program will enhance opportunities for career advancement for those already in criminal justice careers.

The Department of Criminal Justice is committed to providing students with a knowledge of and sensitivity to multicultural, racial and gender issues within the criminal justice system, and the larger society.

All Criminal Justice majors must earn a grade of “C” or better in all courses required in the major.

Baccalaureate Degree Required Courses

CJ 101 Introductions to CJ
CJ 204 Juvenile Justice
CJ 223 Police and Society
CJ 224 Punishment and Corrections
CJ 225 Victimology
CJ 226 Court Systems in the U.S.
CJ 307 Criminal Law
CJ 308 Ethics in Criminal Justice
CJ 313 Race and Gender Issues
CJ 314 Statistics for Professional Studies
CJ 315 Research Methods
CJ 320 Comm. for Criminal Justice Professionals I
CJ 322 Criminology
CJ 330 Comm. for Criminal Justice Professionals II
CJ 380 Criminal Procedure
CJ 415 Management in CJ
CJ 425 Senior Seminars in CJ

Certificate Program Generalist

The Generalist Certificate Program is open to all currently enrolled students in the Criminal Justice Department who do not qualify for a certificate in investigation, corrections, or law enforcement. The Certificate Program is also open to post-baccalaureate and post-associate degree holders employed in criminal justice, law enforcement, forensic sciences, or corrections positions who wish to seek

professional development or additional credentials in the area of generalized Criminal Justice. Courses taken in one certificate program cannot be applied to another certificate program.

Prerequisite(s): Currently enrolled in the University as a Criminal Justice major or as a post-baccalaureate or post-associate graduate with a major in Criminal Justice, Law Enforcement or Forensic Science.

Required Courses (Select Four):

CJ 299 Special Topics
CJ 304 Crimes in the Family
CJ 370 International Terrorism
CJ 399 Special Topics
CJ 420 Law and Social Control
CJ 465 Sex Crimes
CJ 475 Homicide Investigation
CJ 499 Special Topics

Certificate Program in Law Enforcement

The Certificate Program in Law Enforcement is open to all currently enrolled students in the Criminal Justice Department who seek a credential in law enforcement in addition to the academic major in Criminal Justice. The certificate program is also open to post-baccalaureate and post-associate degree holders employed in criminal justice, law enforcement, forensic sciences, or corrections positions who wish to seek professional development or additional credentials in the area of Law Enforcement.

Prerequisite(s): Currently enrolled in the University as a Criminal Justice major or as a post-baccalaureate or post-associate graduate with a major in criminal justice, law enforcement or forensic science.

Required Courses (Select Four)

CJ 362 Contemporary Issues in Policing
CJ 385 Criminal Investigations
CJ 413 Internship in CJ
CJ 445 Crime Scene Investigations
CJ 455 Interviewing and Interrogation

Certificate Program Corrections

The Certificate Program in Corrections is open to all currently enrolled students in the Criminal Justice Department who seek a credential in Corrections in addition to the academic major in Criminal Justice. The Certificate Program is also open to post-baccalaureate and post-associate degree holders employed in criminal justice, law enforcement, forensic sciences, or corrections positions who wish to seek professional development or additional credentials in the area of corrections.

Required Courses (Select Four)

CJ 312 Community Corrections
 CJ 350 Correctional Institutions
 CJ 408 Correctional Law
 CJ 413 Internship in CJ
 CJ 418 Treatments of Offenders

Certificate Program Investigation

The Certificate Program in Investigation is open to all currently enrolled students in the Criminal Justice Department who seek a credential in Investigation in addition to the academic major in Criminal Justice. The Certificate Program is also open to post-baccalaureate and post-associate degree holders employed in criminal justice, law enforcement, forensic sciences, or corrections positions who wish to seek professional development or additional credentials in the area of investigation.

Prerequisite(s): Currently enrolled in the University as a Criminal Justice Major or as a post-baccalaureate or post-associate graduate with a major in Criminal Justice, Law Enforcement or Forensic Science.

Required Courses (Select Four):

CJ 301 Introduction to Forensic Science
 CJ 385 Criminal Investigation
 CJ 435 Fingerprinting
 CJ 445 Crime Scene Investigations
 CJ 455 Interviewing and Interrogation

Regents Bachelor of Arts**Emphasis in Criminal Justice**

An Area of Emphasis in Criminal Justice in the Regents Bachelor of Arts degree shall consist of a group of courses representative of the concentrations in Criminal Justice. A minimum grade of C is required in each CJ course in the Area of Emphasis.

Area of Emphasis Courses Are:

CJ 307 Criminal Law
 CJ 308 Ethics in Criminal Justice
 CJ 313 Race, Gender and Crime
 CJ 315 Methodology
 CJ 322 Criminology
 CJ 380 Criminal Procedure

Minor in Criminal Justice - 15 Hours

CJ 101 Introduction to Criminal Justice

Any two courses from the following 200 level courses:

CJ 204 Juvenile Justice
 CJ 223 Police & Society
 CJ 224 Punishment & Corrections
 CJ 225 Victimology
 CJ 226 Court Systems in the U.S.

Any two courses from the following 300 or 400 level courses:

CJ 301 Intro to Forensic Science
 CJ 304 Crimes in the Family
 CJ 307 Criminal Law
 CJ 308 Ethics in Criminal Justice
 CJ 311 Drugs & Society
 CJ 312 Community Corrections
 CJ 313 Race & Gender Issues
 CJ 314 Statistics for Professional Studies
 CJ 315 Research Methods
 CJ 320 Communications in Criminal Justice I
 CJ 322 Criminology
 CJ 330 Advanced Report Writing
 CJ 350 Correctional Institutions
 CJ 362 Contemporary Issues in Policing
 CJ 370 International Terrorism
 CJ 380 Criminal Procedure
 CJ 385 Criminal Investigation
 CJ 399 Special Topics
 CJ 408 Correctional Law
 CJ 413 Internship in Criminal Justice
 CJ 415 Management in Criminal Justice
 CJ 418 Treatment of Offenders
 CJ 420 Law & Social Control
 CJ 435 Fingerprinting
 CJ 445 Crime Scene Investigation
 CJ 455 Interviewing & Interrogation
 CJ 465 Sex Crimes
 CJ 475 Homicide Investigation
 CJ 499 Special Topics

Criminal Justice Suggested Course Sequence

Freshman Year

First Semester

CJ 101	3
G ED 101	3
G ED Written Communication I	3
CJ 204	3
G ED Arts	3
Semester Total	15

Second Semester

G ED Oral Communication.....	3
G ED Written Communication II	3
G ED Mathematics	3
CJ 223	3
CJ 226	3
Semester Total	15

Sophomore Year

First Semester

CJ 224	3
CJ 225	3
G ED Humanities	3
CJ Elective	3
G ED Scientific Reasoning	3-4
Semester Total	15-16

Second Semester

CJ 307	3
CJ 308	3
CJ Elective	3
G ED Wellness.....	2
G ED History	3
Semester Total	14

Junior Year

First Semester

CJ 314.....	3
CJ 313.....	3
CJ Certificate Elective	3
G ED Natural Science.....	3-4
Elective	3
Semester Total	15-16

Second Semester

CJ 315.....	3
CJ 320.....	3
CJ Certificate Elective	3
G ED International Perspectives.....	3
G ED Social Science.....	3
Semester Total	15

Senior Year

First Semester

CJ 330.....	3
CJ 322.....	3
CJ 380.....	3
CJ 415.....	3
Elective.....	3
Semester Total	15

Second Semester

CJ 425.....	3
CJ Certificate Elective	3
CJ Certificate Elective	3
CJ Elective or Free Elective	3
CJ Elective or Free Elective (if needed)	3
Semester Total	15

Criminal Justice Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

CJ 101. Introduction to Criminal Justice

A survey of the history, organization and function of the various components of the criminal justice system; police, courts and corrections. Analysis of the decisions made in the process whereby citizens become suspects; suspects become defendants; some defendants are convicted; and in turn become probationers, inmates and parolees. Successful completion of this course with a grade of C or better is required before a student can continue to take any other criminal justice courses.

CJ 199. Special Topics (1-3 credit hours)

A lower-division course designed for a topic of current interest, including televised courses. Prerequisite(s): As stated for each offering.

CJ 204. Juvenile Justice and Delinquency

A study of the law of juvenile delinquency and the administration of the juvenile justice system. Examines the historical development of the concept of delinquency, the special status of juveniles before the law. Surveys the major theories of delinquency. Considers the legal processing of abuse, neglect and dependency cases. Prerequisite(s): CJ 101.

CJ 223. Police and Society

A study of the various levels, roles and functions of law enforcement in America. The nature and responsibilities of law enforcement are discussed and evaluated, including police accountability and civil liability. Examines the racial, ethnic and gender issues in law enforcement. Prerequisite(s): CJ 101.

CJ 224. Punishment and Corrections

A review of the history of criminal punishment and analysis of major changes and causes. Examines the dominant justifications used for punishing offenders, such as deterrence, retribution and rehabilitation. Survey of corrections alternatives, including probation, parole, jail, prison and community corrections. Prerequisite(s): CJ 101.

CJ 225. Victimology

This course will examine the multifaceted problem of crime victimization. Focuses on the incidence of criminal victimization, social characteristics of crime victims, the treatment of the victim in the criminal justice system and efforts designed to alleviate the consequences of criminal victimization and provide support for the victim. Prerequisite(s): CJ 101.

CJ 226. Court Systems in the United States

This course will provide students with a working knowledge of the major structures and basic legal concepts that underlie the criminal courts. The structure of the courts, the nature of the criminal law they apply and the procedures followed by them will be examined along with the history of how they developed and the goals they seek to achieve. The state and federal court systems will be examined. Prerequisite(s): CJ 101.

CJ 299. Selected Topics in Criminal Justice

A lower-level course designed for a topic of special current interest, including satellite courses. Prerequisite(s): As stated for each offering.

CJ 301. Introduction to Forensic Science

This course is designed to make the student aware of the services of a crime laboratory and the proper utilization of these services. The course will concentrate on the significance of physical evidence and the examination of this evidence in the crime laboratory. Students will be taught the proper recognition, collection and preservation of physical evidence at the crime scene. Prerequisite(s): CJ 101.

CJ 304. Crimes in the Family

This course focuses on crimes committed within families, such as domestic violence, incest, child abuse and homicide. Laws, punishments and treatments for offenders are covered in the course. The effects of these crimes on family members and society are discussed.

CJ 307. Criminal Law

The course covers the history and development of criminal law, elements of a crime, parties to a crime and types of offenses. The general principles of substantive criminal law are studied through the analysis of judicial opinions and text. The scope, purpose and definition of criminal offenses are examined. Prerequisite(s): CJ 101.

CJ 308. Ethics in Criminal Justice

This course offers an examination of the ethical quandaries and moral dilemmas that face criminal justice practitioners; a critical review of the ethical standards used to define appropriate conduct by criminal justice officials; and explores sanctions and laws governing inappropriate conduct. Prerequisite(s): CJ 101, 223, 224, 225, 226 and junior standing

CJ 311. Drugs and Society

This course is designed to deal with the use and abuse of drugs and alcohol, both legal and illegal. The etiology, social phenomena, psychological and physiological effects and current modes of treatment within the criminal justice setting will be examined. Prerequisite(s): CJ 101.

CJ 312. Community Corrections

This course will focus on probation, parole and intermediate sanctions. Community corrections programs such as

restitution, community service and community-based drug treatment will be discussed. The course will examine the goals and importance of community corrections.

Administration and staffing of these programs will also be explored. Prerequisite(s): CJ 101 and 223.

CJ 313. Race, Gender and Crime

The study of the dynamics of racial prejudice in the United States and how it affects the criminal justice system. The relationship between minority status and criminality and the interaction of minorities with criminal justice organizations will be analyzed. Characteristics of female offenders are surveyed and offender classification systems are reviewed for their relevance to understanding motivational and behavioral patterns of female offenders. This course will explore the response of police and court officials to women as victims of crimes and will examine employment opportunities for women and minorities in the criminal justice system. Prerequisite(s): CJ 101 and 230; SOC 208. Fulfills the G ED requirement in Human Diversity.

CJ 314. Statistics for Professional Studies

This course is designed to instruct students in basic statistical concepts and statistical analysis. This course includes instruction on the computation, comprehension and interpretation of inferential statistics relating to Criminal Justice and other service professionals.

CJ 315. Methodology

Introduction to the concepts and methods of social science research: the role of theory in research, forming hypotheses and questions, identifying variables and gathering and analyzing statistical data. Emphasis will be on developing good writing skills, and using computers for basic statistical evaluation. This course meets the requirements of POSC 311 and SOC311. Prerequisite(s): junior classification and a grade of C in ENGL 102 and in PSYC 200.

CJ 320. Comm. for Criminal Justice Professionals I

This course is designed to cover the issues related to the development of appropriate professional research techniques, document development, written and oral communications in the criminal justice system, law enforcement, courts and corrections.

Students will concentrate on the development of proper research skills involving professional and peer reviewed resources in various formats. The students will engage in a variety of criminal justice writing styles, including policy analysis, regulation creation, legislation development and case studies. They will refine their utilization of a criminal justice style sheet.

In addition to writing skills, attention will be given to the development of effective professional oral communication techniques in the areas of conversation, interviewing, sworn depositions, evidence and expository speaking.

Prerequisite(s): CJ 223, 224, 226; also ENG 102 and COMM 100; all with a grade of C or better.

CJ 322. Criminology

This course focuses on the theories of crime. These theories come from several fields, including biology, criminal justice, psychology and sociology. The theories will be examined from a historical perspective beginning with the Classical School in the 1700's and progressing to the newest integrated theories. The types and extent of crime in the United States and other countries will also be explored. Prerequisite(s): CJ 101 or SOC 101 and junior standing. Criminal Justice majors simulate crime scene investigations.

CJ 330. Comm. for Criminal Justice Professionals II

This course is a continuation of CJ 320 and is designed to cover the issues related to the creation of written documentation in the three major components of the criminal justice system: law enforcement, courts and corrections. Students will be introduced to the various formats, styles and organizational patterns commonly utilized in criminal justice reports and research. Students will become aware of the writing recommendations, guidelines and accrediting requirements of criminal justice professional organizations. Emphasis is also placed upon professional oral and writing skills; including report structure and construction, mechanics, grammar and specific criminal justice vocabulary and usage. Prerequisite(s): CJ 320, with a grade of C or better.

CJ 350. Correctional Institutions

This course will focus on jails and prisons. Students will be provided with information on the history of incarceration, as well as theories behind this type of punishment. The course will cover the current conditions of prison life and will provide students with the viewpoints of those who live and work in prisons and jails. Also, management of prisons and jails will be discussed. Prerequisite(s): CJ 101 and 223.

CJ 362. Contemporary Issues in Policing

The course covers contemporary issues in policing such as community policing, management procedures and technology. Prerequisite(s): CJ 101 and 223.

CJ 370. International Terrorism

This course focuses on the phenomenon of modern terrorism since WWII around the world. This course includes a review of nations, movements and individuals who engage in terrorist violence. The effects of terrorism in terms of individuals, countries and the world are also discussed.

CJ 380. Criminal Procedure

A study of the historical development of the Constitution and the Bill of Rights. The course will focus on Supreme Court interpretations of the Bill of Rights as they apply to arrests, searches and seizures. The emphasis will be placed on the 4th, 5th and 14th amendments to the U. S. Constitution.

Prerequisite(s): CJ 101, 223, 224, 225, 226 and junior standing.

CJ 385. Criminal Investigation

Students will learn about the process of criminal investigation for property and violent crimes. This will include crime scene assessment, deductions from modus operandi, interviews, interrogation and modern instruments of investigation. Prerequisite(s): CJ 101, 223, and 380.

CJ 399. Selected Topics in Criminal Justice (1-4 Credit Hours)

An upper-level course designed for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

CJ 405. International Criminal Justice Systems

The course examines the ways in which different societies understand the meaning of human rights, crime and justice, and establish and operate legal systems to foster these understandings. The idea that systems of justice reflect the distinct history, culture and social structure of any society is central to this course. The course also explores the ways that criminal law and criminal justice systems intersect with civil law and how both reflect the broader meaning of human rights and justice in a society. Prerequisite(s): CJ 101 and CJ 380.

CJ 408. Correctional Law

This course covers the laws that govern the sentencing process, prisoners' rights and the rights of released offenders, and offenders sentenced to probation and intermediate sanctions. The course emphasizes United States Supreme Court cases and major lower court cases that have affected corrections. Prerequisite(s): CJ 101 and 224.

CJ 413. Internship in Criminal Justice

This course will provide students the opportunity to go into the criminal justice field and observe the actual operation of the system. Students will be able to compare theory and concepts gained from courses to the actual criminal justice process they have experienced. Students may choose an internship in law enforcement, the courts, corrections or juvenile justice. Prerequisite(s): 24 hours of CJ courses, senior standing and minimum GPA of 2.5.

CJ 415. Management of Criminal Justice Organizations

This course examines organizational and management theories as they apply to criminal justice agencies and organizations. Different management styles, practices and problems are discussed. Also covered are the structure, purpose and process of the criminal justice system and policy making in justice administration. Prerequisite(s): CJ 101, 223, 224, 225, 226, 307, 308, 313, 315, 322, 380 and senior standing.

CJ 418. Treatment of Offenders

The course focuses on treatment and rehabilitative programs for offenders, examines the treatment methods that are the bases of these programs, and assesses the efficacy of the programs. Prerequisite(s): CJ 101 and 224.

CJ 420. Law and Social Control

This course is designed to cover issues concerning the interrelationships between law and society. Included are the historical developments of social control and law and the role of law in society, its social construction, interpretation and enforcement. Major theoretical perspectives related to how social status and social structure affect crime levels and societal sanctions are discussed. Also examined are new policies in criminal justice that relate to and attempt to affect the levels of crime in the United States. Prerequisite(s): CJ 101, 230, and 307.

CJ 425. Senior Seminar in Criminal Justice

This course is designed as a capstone experience for all seniors in the criminal justice major. The course content will vary slightly with each offering. The course will basically cover in-depth analyses of problems and issues in the criminal justice system.

The course also will provide students with information about opportunities for employment in the criminal justice field and graduate school. The course will use up-to-date texts and articles from professional journals. Students will be required to complete a major research paper on a topic chosen by the student and approved by the instructor. Successful completion of the course with a grade of C or better is required for graduation. Prerequisite(s): CJ 101, 204, 223, 224, 225, 226, 307, 308, 313, 315, 322, 380 and senior standing.

CJ 435. Fingerprinting

This course is a study of the field of friction ridge skin analysis. Topics will include the structure of friction ridge skin, the history of friction ridge skin identification, fingerprint classification, the taking of inked impressions, latent prints and the crime scene, latent print development methods, latent print identification, automated fingerprint identification systems (AFIS), fingerprints and the law and expert witness testimony. Prerequisite(s): CJ 101.

CJ 445. Crime Scene Investigation

This course is a study of the techniques and methodologies used in crime scene investigations and the modern forensic laboratory. Topics will include crime scene documentation (photography, sketching, note-taking, etc.), processing for evidence (biological evidence, fingerprints, impression evidence, trace evidence, etc.), the functions of the forensic laboratory and rules of evidence in the criminal court system. Prerequisite(s): CJ 101.

CJ 455. Interviewing and Interrogation

This course is a study of the techniques and methodologies used in interviewing and interrogations, specifically in

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criminal investigations. Topics include the processes of interviewing and interrogation as well as the legal aspects of both. Prerequisite(s): CJ 101.

CJ 465. Sex Crimes

This course is a study of the topic of sex crimes, paraphilias, the investigation of sex crimes, the methodology of sex crimes and the relations of sex crimes to other deviant and criminal activity. Topics will focus on violent sexual offenders including typical typologies of such offenders and theories related to sex crimes. Prerequisite(s): CJ 101.

CJ 499. Special Topics in Criminal Justice

An upper-level course designed for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

Criminal Justice Faculty

Addesa, Mark (1978), Assistant Professor of Criminal Justice. B.S. Niagara University; M.S. Eastern Kentucky University, 1978.

Kane, Michael J. (2010), Associate Professor of Criminal Justice. B.A. Pfeiffer University; M.S.F.S. National University; Ph.D. Union Institute and University, 2001. Areas of research: Rural Policing, Forensic Investigations and Ethical Philosophy.

Steele, Kerri (2013), Assistant Professor of Criminal Justice. B.A. Concord College; MSW Tulane University; Ph.D. University of Georgia, 2013. Areas of research: Behavioral health Indicators and Early Warning Systems, Substance Abuse, Homelessness.

Stroupe, Walter E. (2006), Associate Professor and Chairperson of Criminal Justice. B.S. West Virginia State College; M.S. Marshall University, Ed.S. Marshall University, Ed.D. Marshall University, 2003. Areas of research: Law Enforcement and Sex Crimes

Whyte, Cassandra B. (1982), Associate Professor of Criminal Justice. B.A. Fairmont State University; M.A. West Virginia University; Ed.D. West Virginia University, 1975. Areas of research: Internal/External Locus of Control; Felon Treatment Modalities; Curriculum Development & Design.

Whyte, William R. (2006), Assistant Professor of Criminal Justice. B.S. Springfield College; M. Ed. Springfield College, 1970. Areas of research: Prison Design and Management, Felon Sentencing Options, Personal and Public Asset Safety & Security Design.

Blake, Kenneth W., Assistant Professor Emeritus
Assistant Professor, 1989-2006. Mr. Blake earned his master's degree from Marshall University in Huntington, W.Va. Mr. Blake's primary teaching assignments were CJ

101 Introduction to Criminal Justice, CJ 301 Forensic Science, and CJ 380 Criminal Procedure. Mr. Blake's other duties consisted of Department Chair and Honor Society Advisor.

Master of Science in Criminal Justice Administration

Dr. Walter Stroupe
 Chairperson
 525 Wallace Hall
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 wstroupe@wvstateu.edu

The Master of Science degree in Criminal Justice Administration prepares students for careers in the field of criminal justice, and will enhance the careers of those already in the field. The program is designed as a cohort group to be completed within six semesters and includes an internship and final paper in the last semester. There are 12 required courses for a total of 36 hours. Students will be required to take two courses per semester for six consecutive semesters. These courses focus on administration, management, policy making, law and ethics.

Admission Requirements

- An undergraduate degree from an accredited college or university in a criminal justice, law enforcement or related field.
- Satisfactory completion of an undergraduate or graduate course in research methods and/or statistics prior to admission to the program.
- A minimum overall GPA of 2.7 on a 4.0 point scale with a MAT score of 380 or:
 - GPA of 2.6 and MAT score of 385
 - GPA of 2.5 and MAT score of 390
 - GPA under 2.5 and MAT score of 400 who demonstrate exceptional circumstances with approval of three of the graduate faculty
- GRE General Test Scores and/or Miller's Analogies test score at the 50th percentile.
- TOEFL Scores for students whose native language is not English.
- Three letters of recommendation which address the applicant's academic competencies, work performance and fitness to pursue this graduate degree.
- Satisfactory performance on Preadmission Interview.

Program Requirements

Students are responsible for knowing and fulfilling requirements for graduation. The University cannot assume responsibility for failure of students to fulfill catalog and curriculum requirements. If questions arise about requirements, students should consult with the appropriate department chairperson, college dean or the registrar several semesters prior to graduation. Participation in the commencement exercise is required.

Performance Standards

Universally, a normal course load for most graduate programs is nine credit hours for full-time graduate student status. However, for this cohort program approach, students will take six semester hours each semester and go year-

round. All students must complete coursework with a cumulative GPA of 3.0 on a 4.0 point scale. Students who accumulate more than two "C" grades will be dismissed from the program. Students must also complete all requirements within a period of seven years following the date of admission to the program. The Dean of the College of Professional Studies may extend these limits upon recommendation of the Criminal Justice Department Chairperson and approval of the Criminal Justice Department Graduate Committee.

Curriculum - 36 Hours Required

- CJ 520 Introduction to Criminal Justice Administration
- CJ 530 Technology Applications for Criminal Justice
- CJ 540 Ethical Practices in Administration
- CJ 550 Law Enforcement and the Community
- CJ 600 Research Methods and Statistics in Criminal Justice
- CJ 610 Human Resource Management
- CJ 620 Leadership Psychology
- CJ 630 Planning Organizational Staff Development
- CJ 640 Strategic Planning and Policy Formulation
- CJ 650 Legal Aspects of Criminal Justice Administration
- CJ 660 Crisis Management, Homeland Security and Critical Incident
- CJ 680 Graduate Capstone Course for Criminal Justice

Course Sequence (tentative)

Fall

- CJ 520 Introduction to Criminal Justice Administration
- CJ 540 Ethical Practices in Administration

Spring

- CJ 530 Technology Applications for Criminal Justice
- CJ 550 Criminal Justice and the Community

Summer

- CJ 600 Research Methods and Statistics in Criminal Justice
- CJ 610 Human Resource Management

Fall

- CJ 620 Leadership Psychology
- CJ 630 Planning and Organizational Staff Development

Spring

- CJ 640 Strategic Planning & Policy Formulation
- CJ 650 Legal Aspects of Criminal Justice Administration

Summer

- CJ 660 Crisis Management, Homeland Security and Critical Incident
- CJ 680 Graduate Capstone Course for Criminal Justice

Requirements for Graduation

CJ 680, Graduate Capstone Course for Criminal Justice, is the capstone course in the program and is consistent with best practices for the academic capstone course defined by the Academy of Criminal Justice Sciences (ACJS). Students will write a final paper based on their internship experience.

This paper will be completed instead of a traditional thesis. Included in the paper will be an analysis of a problem or issue, or set of related problems or issues, including proposed solutions to the problem or issue. This paper will be read by a three-person committee (i.e., two faculty members and a top management staff person) from the criminal justice agency in which the student completed the internship. This committee will either (1) accept the paper as written, (2) determine the paper is unacceptable but could be made acceptable with additions, deletions, or editing, or (3) determine the paper is unacceptable, and the student must complete the course again. Students will be permitted to complete the course only one other time after the initial unacceptable determination.

Two written comprehensive examinations in which students will choose from four comprehensive exam areas - research, law, administration and leadership. The examinations will be graded independently by two faculty members and the grade will be given as distinction, pass, or fail. If a student fails a comprehensive exam, the student can take it one more time. Once a student chooses the comprehensive exam areas, he/she cannot change the area after failing an exam.

To be recommended for graduation, a student must satisfy all of the pertinent requirements stated in this handbook, including the following:

1. A cumulative grade point average of 3.0 on all work attempted.
2. Completion of the 36 hours required in the curriculum, including the comprehensive exams.
3. The necessary residence requirement for a degree.
4. Payment of all outstanding financial obligations to the University.
5. Participation in Commencement.

Application for Degree

Every student must file an application for degree with the Registrar by the end of the fourth week of the semester in which the degree is to be conferred. Application forms are provided by the Registrar.

Criminal Justice Administration Graduate Course Descriptions

Note: All courses are three credit hours.

CJ 520. Introduction to Criminal Justice Administration

This course is an introduction to Criminal Justice administration focusing on the procedures, politics and human relations issues that criminal justice administrators must understand in order to succeed. Topics include administration theory, theories of motivation, organizational behavior, politics and police as components of the community, including the political, social and economic networks that compose police administration. Concepts and terminology of administration are covered as well as legal issues involving police administrators.

CJ 530. Technology Applications for Criminal Justice

This course focuses on techniques of data processing emphasizing applications to criminal justice. Students will increase their technical skills through hands on experiences, such as analyzing data. They will become more aware of the importance of SPSS in relation to criminal justice and research.

CJ 540. Ethical Practices in Administration

The course will examine ethical decision making at the administrative level. Three major ethical perspectives: virtue, formalism and utilitarianism will be presented, analyzed and discussed as it relates to administration. Ethics as it relates to law, police, courts and corrections, and liability in general will be analyzed and examined, as well as the future development of ethics. Critical thinking and ethical decision making in administration will be emphasized.

CJ 550. Criminal Justice and the Community

This course focuses on the criminal justice system as a component of the community, including the political, social and economic networks that make up communities. Topics include the interrelations between law enforcement, mental health agencies, juvenile justice and the educational systems. High-crime communities are studied, particularly in terms of the impact on citizens, those who are victimized and others who are not, but are afraid of their safety. The process of community change is addressed in terms of the prevention of crime.

CJ 600. Research Methods and Statistics in Criminal Justice

This course provides an introduction to methods of research in criminal justice. Topics include research development based on hypotheses and theories, data collection and analysis, interpretation of results and evaluation of studies.

CJ 610. Human Resource Management

This course focuses on managing resources in criminal justice agencies. Resources include personnel and funding.

Topics on human resources will include human resource flow, reward systems and work systems. Topics on funding will include budgeting, grants and the impact of policies.

CJ 620. Leadership Psychology

This course focuses on the leadership and management principles as applied to criminal justice agencies. Also emphasized are the important psychological processes that are involved in dealing with others. Understanding the importance of key psychological influences in human interactions is inextricably linked to success as an effective leader and manager.

CJ 630. Planning Organizational Staff Development

This course focuses on developing training within organizations and aligning training needs with organizational strategy. Topics covered will include learning, motivation and performance. This course will include training design and training methods including computer based training methods. Students will learn the importance of the development and implementation of staff training.

CJ 640. Strategic Planning and Policy Formulation

This course focuses on strategic planning and the process of policy formulation. The strategic planning and policy formulation as applied to Criminal Justice agencies must emphasize the importance of these processes being correctly implemented. The success of Criminal Justice administrators and agencies depend on these key concepts of administration being fully understood and implemented.

CJ 650. Legal Aspects of Law Enforcement Administration

This course focuses on the aspects of law which are relevant to Criminal Justice administration. Specifically reviewed are the laws that control police practices, court procedures, sentencing and corrections. The course will also examine regulatory state and federal laws regarding employment, discrimination, termination, equal opportunity, and wage and law issues.

CJ 660. Crisis Management, Homeland Security and Critical Incident

This course provides an overview of domestic and international terrorism. Philosophies, tactics and targets are discussed. The role of the Criminal Justice system in the prevention and response to terrorism is covered.

CJ 680. Graduate Capstone Course for Criminal Justice

This course is designed to give students the chance to apply the knowledge they have acquired throughout their education to real-world situations, and to encapsulate all the learning objectives of the program. In addition, students will prepare and take the final comprehensive examinations during this course.

Criminal Justice Administration Graduate Faculty

Addesa, Mark (1978), Assistant Professor of Criminal Justice. B.S. Niagara University; M.S. Eastern Kentucky University, 1978.

Kane, Michael J. (2010), Associate Professor of Criminal Justice. B.A. Pfeiffer University; M.S.F.S. National University; Ph.D. Union Institute and University, 2001. Areas of research: Rural Policing, Forensic Investigations and Ethical Philosophy.

Steele, Kerri (2013), Assistant Professor of Criminal Justice. B.A. Concord College; MSW Tulane University; Ph.D. University of Georgia, 2013. Areas of research: Behavioral health Indicators and Early Warning Systems, Substance Abuse, Homelessness.

Stroupe, Walter E. (2006), Associate Professor and Chairperson of Criminal Justice. B.S. West Virginia State College; M.S. Marshall University, Ed.S. Marshall University, Ed.D. Marshall University, 2003. Areas of research: Law Enforcement and Sex Crimes

Whyte, Cassandra B. (1982), Associate Professor of Criminal Justice. B.A. Fairmont State University; M.A. West Virginia University; Ed.D. West Virginia University, 1975. Areas of research: Locus of Control Counseling, Motivation and Achievement Personality, Leadership and Strategic Planning and Successful Treatment Programming for Offenders.

Education

Ms. Patricia Wilson
 Chairperson
 627 Wallace Hall
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Bachelor of Science in Education

A college student who plans for a career as a teacher must pursue a curriculum in teacher education, which leads to a Bachelor Science in Education degree and meets the academic requirements for a license to teach in the public schools of West Virginia. All options described in the following pages have been organized in such a way that teacher education candidates completing this Council for the Accreditation of Education Preparation (CAEP) and West Virginia Board of Education approved program may seek and have granted a West Virginia teaching license. If candidates desire to teach in a state other than West Virginia, the CAEP approved program completed at West Virginia State University may qualify the candidates for a comparable initial certificate in the state of their choice. To be certain, the candidates should obtain the requirements of other states by contacting the appropriate state certification agency and use this information in planning their program of studies with their advisers.

Mission and Purpose

For over 120 years, the Department of Education has prepared teachers as human developers who love to teach. The Department nurtures future teachers through a formation process to become exemplary teachers in the region, state and nation. Graduates of the program must firmly believe that all public school students can learn. This program requires candidates to demonstrate that (1) they are focused on public school student achievement and success, (2) they are role models for public school students, (3) they have the potential to be a member of the teaching profession. Candidates must demonstrate these three dispositions throughout the program that requires the completion of a rigorous academic content specialization, combined with a complementary sequence of related general education courses, and a professional sequence of education courses that contain at least 800 clock hours of field placements and student teaching.

The graduates of the education program will be able to:

1. Know their chosen content field(s).
2. Teach units and lessons aligned with national and state standards that address and assess the learning needs of all students.
3. Integrate technology in teaching and learning.
4. Exhibit behaviors of a professional teacher congruent with the Teacher as a Human Developer Conceptual Framework.

5. Develop and Maintain effective learning communities that value diversity.
6. Communicate effectively with parents and other community members to promote student learning.

These outcomes are addressed in course content, with relevant class assignments, field experiences, student assessments and program evaluation components and are articulated by the theme for the West Virginia State University teacher preparation program: Teacher as HUMAN Developer. The theme serves as a unifying concept or framework for the entire program, and conveys the essence of the philosophy regarding good teaching. Outcomes for program completers will be measured by multi-modal methods, including faculty panel review, grade point requirements, portfolios, performance assessments, evaluations in field experiences by qualified supervisors, speaking opportunities, exams, projects and state and national assessments required by the West Virginia Board of Education. Additional information is available in the Teacher Education Handbook located on the department's website. The West Virginia State University program is fully accredited with the CAEP through 2021. It is also approved by the West Virginia State Department of Education. Candidates from West Virginia State University's Department of Education achieved a pass rate in the 90th percentile for its program completers based on Federal Title II- Teacher Quality Guidelines.

Admission To Teacher Education

Acceptance and enrollment at West Virginia State University does not automatically make one a candidate in the Teacher Education Program. In accordance with West Virginia Board of Education Policies, national accrediting bodies, the University and the Department of Education, candidates must be formally screened. All candidates must formally apply for Admission to the Education Program before taking Education 316.

Selectivity Requirements

The Education Program at WVSU is accredited by CAEP, and the program agrees with the CAEP Mission, which is to transform educator preparation so that graduates can help improve P-12 student learning. Therefore, the program has initiated CAEP selectivity requirements starting in Fall 2016. Beginning in Fall 2016, all candidates for admission to the program (all candidates planning to enroll in Education 316), must show that they have attained a 3.0 GPA overall in their college courses and show that their overall scores on either the ACT or SAT are at the 50th percentile or above. Candidates who do not meet these criteria may apply for an exemption on or before the last day of the semester that precedes the semester in which they plan to register for Education 316. The Application for Exemption from Selectivity Requirements is on the WVSU Department of Education website.

The Selectivity Requirements change in the following years:

College of Professional Studies

- Beginning with the 2018-2019 academic year, the GPA requirement is 3.0 and the ACT/SAT requirement is the 60th percentile.
- Beginning with the 2020-2021 academic year, the GPA requirement is 3.0 and the ACT/SAT requirement is the 67th percentile.

Transfers, returning students and post-graduates are required to meet the Selectivity Requirements above and should come to Wallace Hall 626 or 627 for admission assessment.

To be admitted to the Teacher Education Program, a candidate must:

1. Meet or be exempted from the Selectivity Requirements as specified above.
2. Achieve passing scores on the Mathematics, Reading and Writing sub-tests of the Core Academic Skills for Educators (CORE), formerly called Pre-professional Skills Test (PPST) before enrolling in Education 316.
3. Demonstrate proficiency in speaking and listening skills by completing English 201 or Communications 100 with a minimum grade of C.
4. Demonstrate proficiency in basic computer access skills by earning a grade of C or better in English 102. Education 300 is required for Senior Capstone Admission.
5. Have a minimum overall G.P.A. of 2.5 in all content specialization courses, general education courses and professional education courses to be admitted to the Teacher Education Program and to graduate with a degree in Education.
6. Earn a grade of C or better in all general education, content specialization and professional education courses.
7. Successfully complete and file personal evaluation documents for all required field experiences with a recommendation for candidacy given by supervisor(s). Students must plan their schedules to permit completion of field-work during the school day.

When an application has been completed, it will be jointly reviewed by the chair and/or a departmental committee and forwarded to the Teacher Education Committee for action. The committee will make one of the following rulings and notify the candidate.

- Approved: Candidate meets all expectations.
- Provisionally Approved: Pending removal of minor deficiencies.
- Disapproved: Candidate does not meet criteria and is advised to pursue other options.

A candidate may lose an approved status for several reasons, e.g., loss of academic qualification. The Department of Education may recommend reevaluation of the status of any previously approved candidate at any point in the program where evidence exists that the person may be a threat or

danger to the well-being of public school students. Candidates have certain appeal privileges in these and other cases.

Admission to Student Teaching

The following minimum academic criteria must be met before admission to student teaching:

1. Satisfactory completion of 96 semester hours of appropriate college credit.
2. Satisfactory completion of at least 3/4 of the coursework required in chosen teaching specializations, plus all special methods courses. Elementary Education majors must complete Education 318, 320, 321, 324, 325, 423 and 426 prior to student teaching.
3. Satisfactory completion of required professional education core courses.
4. Completion of Education 426 at West Virginia State before student teaching with a minimum grade of C.
5. Approval of admission to the Senior Capstone Phase of the Teacher Education Program by the Teacher Education Committee the semester before student teaching.
6. A 2.5 GPA in professional education requirements and a minimum grade of C in each course.
7. A 2.5 GPA in content specialization requirements and a minimum of C in each course.
8. A 2.5 GPA in general education courses and a minimum of C in each course.
9. A 2.5 grade point average overall.
10. Completion of the Senior Capstone Oral Professional E Portfolio (SCOPE) assessment the semester prior to student teaching.
11. Removal of any and all deficiencies the semester prior to student teaching placement, per application deadlines.
12. Completion of an academic capstone experience in content specializations.
13. Because of the intensity of the student teaching experience (i.e., 600 clock hours in 15 weeks), candidates are discouraged from enrolling in any other classes during the semester when they student teach. Any exceptions must be approved by the Education Department Chair.
14. Student teaching placements will be based on current West Virginia Policy 5100 guidelines.
15. Completion of ancillary requirements from the county of placement.
16. Apply, have approved and be issued a West Virginia Student Teacher Permit, before student teaching. This permit requires being fingerprinted and passing an FBI criminal background check.

Graduation/Certification Requirements

1. Successfully complete an appropriate teaching specialization with a minimum of 120 semester hours. Students must successfully complete all courses and other requirements checked on their senior evaluation to qualify for graduation. Earn a minimum grade of C in

all classes and have a 2.5 cumulative grade point average.

2. Successfully complete state-required standardized proficiency test(s) in each content specialization for which certification is sought, e.g., Elementary Education, Mathematics, Social Studies. These assessments will normally occur during the senior year or near the time that specialization requirements are completed. Students are obligated for testing costs. Passing scores required by the West Virginia Board of Education must be documented prior to recommendations for certification.
3. Successfully complete a state-required standardized proficiency test in professional education (Principles of Learning and Teaching - PLT) before student teaching.
4. Successfully complete a supervised student teaching experience at the programmatic levels and in each content specialization for which certification is being sought. All candidates will complete 600 clock hours of student teaching over 15 weeks and register for a total of 15 semester hours of credits, numbered from Education 480-487. Candidates will be assessed by both the cooperating teacher and the university supervisor to verify the achievement of teaching skills. These skills have to be satisfactorily demonstrated and verified to meet certification and graduation requirements.
5. Students must file an application for graduation in the Registrar's Office.
6. After graduation, candidates complete the application process for West Virginia licensure, which includes being fingerprinted for an FBI Criminal Background Check.

Please note: All 50 states, the District of Columbia and U.S. Territories require the FBI criminal background check as a condition for issuance of license. Candidates who have criminal histories that would make them ineligible to be around public school students may be denied a teaching license.

Teacher Education Programs Description

Each curriculum, leading to teaching certificate, contains three groups of courses, as required by the certification laws of West Virginia: content specialization, professional education and general education core. In every case, curricula followed at West Virginia State University will equal or exceed the minimum requirements established by state laws and regulations. Please note that completion of an approved program in teacher education in West Virginia does not necessarily qualify a person for a teacher certification in other states. In addition, all candidates for a teaching certificate in West Virginia must be fingerprinted and the results will be sent to the Federal Bureau of Investigation for a criminal background check in accordance with state law. Based on the results of this criminal background check, a certificate may or may not be issued.

Any transfer or any readmitted student who completed Education 300 and/or Education 316 (or equivalent courses at another higher education institution) more than five years ago must retake the course(s). This is to ensure current information and skills with respect to planning, teaching, and technology integration.

When West Virginia certification regulations change, all candidates will be expected to meet these regulations at the time they are recommended for a teaching certificate, regardless of when they started the program.

Bachelor of Science in Education

120 or more hours required for graduation

General Education 38-40 Hours

- G ED 101 Freshman Experience – 3 Credits
- G ED Written Communication I – 3 Credits
- G ED Written Communication II – 3 Credits
- G ED Oral Communication – 3 Credits
- G ED Mathematics – 3 Credits
- G ED Scientific Reasoning – 3-4 Credits
- G ED Arts – 3 Credits
- ENGL 150 – 3 Credits fulfills G ED Humanities Requirement
- EDUC 319 or EDUC 321 – 3 Credits fulfills G ED International Perspectives
- G ED History – 3 Credits
- G ED Natural Science – 3-4 Credits
- EDUC 201 – 3 Credits fulfills G ED Social Science
- HHP 122 or 157 – 2 Credits fulfills G ED Wellness

Professional Education-42 Hours

All candidates in teacher education will complete the following professional education course currently required for a West Virginia Teaching License:

- EDUC 200-Foundations of Education
- EDUC 201-Human Growth and Development-
- EDUC 202-Educational Psychology and Learning;
- EDUC 227 Exceptionalities and Human Diversity
- EDUC 319 Content Area Literacy or EDUC 320 - Teaching Reading in the Elementary Schools I
- EDUC 300-Educational Technology;
- EDUC 316-Integrated Methods;
- EDUC 331-Curriculum for Special Education;
- EDUC 426-Creating, Planning and Assessing Public School Learning Communities; and
- EDUC 480-487-Student teaching to total 15 semester hours.

Early Education (Grades PreK-K)

All majors in Early Education must complete the requirements for Elementary Education (Grades K-6) and take the following additional courses: EDUC 301, 341 and 342.

Elementary Education (Grades K-6)

All majors in elementary education complete a block of courses and an academic capstone experience designed to prepare them for self-contained classroom settings in West Virginia, grades K-6. Current requirements for this content specialization are contained on the Department Homepage.

Middle School Childhood Education (Grades 5-9)

The following subject options are designed to prepare candidates to teach in middle childhood settings, grades 5-9. Current requirements for this content specialization, including the academic capstone experience, are contained on the Department Homepage. Students opting for these must complete another program at the Adolescent level (grades 5 or 9-Adult), Elementary (Grades K-6), or PreK-Adult.

- English - Grades 5-9
- Mathematics - Grades 5-9
- Social Studies - Grades 5-9

Adolescent Education Programs (Grades 9-Adult)
Candidates opting for adolescent education will select programs which prepare them to teach in secondary school settings, grades 9-Adult. Current requirements for these content specializations, including the academic capstone experience, are contained on the departmental website.

- Biology - Grades 9-Adult
- Chemistry - Grades 9-Adult

Middle-Adolescent Programs (Grades 5-Adult)

The options allow a candidate to select a single field across two levels of certification, 5-9 and 9-Adult. Candidates are prepared to teach in middle and secondary settings. Current requirements for this content specialization, including the academic capstone experience, are contained on the Department Homepage. Additional teaching fields are not required for these options.

- Business Education - Grades 5-Adult
- English - Grades 5-Adult
- General Science - Grades 5-Adult
- Mathematics - Grades 5-Adult

- Social Studies - Grades 5-Adult

Reading Education (K-6 Or 5-Adult)

These two content specializations require candidates seeking K-6 licensure in Reading to complete the licensure requirements for elementary education K-6 or for 5-Adult in Reading to complete English 5-Adult. Current requirements for these two content specializations, including the academic capstone experience, are contained on the Department Homepage.

Pre-Kindergarten-Adult (Grades PreK-Adult)

These options prepare a candidate to teach a subject specialty in school settings. They do not require additional teaching fields or specializations. Current requirements for these content specializations, including the academic capstone experience, are contained on the Department Homepage.

- Art - Grades PreK-Adult
- French - Grades PreK-Adult
- Music - Grades PreK-Adult
- Spanish - Grades PreK-Adult
- Wellness Education – Grades PreK - Adult

Special Education (Grades K-6 or 5-Adult)

In addition to the special education endorsement, candidates who seek licensure as a special education teacher must complete one of the following content specializations: Elementary Education K-6, or Biology, Chemistry, English, General Science and Mathematics, or Social Studies 5-Adult. The special education endorsement is restricted to the grade levels on the initial license.

- Multi-Categorical (E/BD excluding autism, MI, SLD)- Grades K-6 or 5-Adult.

Professional Education Courses

All candidates in teacher education will complete the professional education core: EDUC 200, 201, 202, 227, 300, 316, 319/320, 331, 426 and 480-487.

Elementary Education Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
EDUC 200.....	3
MATH 103.....	3
BIOL 101	4
G ED 101	3
Semester Total	16

Second Semester

G ED Written Communication II	3
EDUC 201.....	3
MATH 104.....	3
MUS 105	3
G ED Natural Science*	3-4
GEOG 200 or 201	3
Semester Total	18-19

Sophomore Year

First Semester

EDUC 202.....	3
ENGL 150.....	3
MATH 105.....	3
G ED History	3
G ED Arts	3
EDUC 227.....	3
Semester Total	18

Second Semester

EDUC 316.....	3
EDUC 300.....	3
G ED Scientific Reasoning**	3-4
ENGL 324.....	3
G ED Oral Communication.....	3
Semester Total	15-16

**Note*-select one course from the following: CHEM 100, PHYS 103 or PHYS 101

***Note*-select one course from the following: PHYS 102, 106, 110 or 120

Junior Year

First Semester

EDUC 320	3
G ED International Perspectives.....	3
EDUC 324	3
HIST 209	3
HIST 201 or 202	3
Semester Total	15

Second Semester

EDUC 318	3
EDUC 331	3
HHP 359	3
ART 416.....	3
EDUC 423	3
Semester Total	15

Senior Year

First Semester

EDUC 325	3
EDUC 426	3
EDUC 436	3
G ED Wellness	2
HHP 369	3
Semester Total	14

Second Semester

Student Teaching	15
Semester Total	15

Secondary Education – Business Education (5-Adult) – Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	G ED International Perspectives.....	3
EDUC 200.....	3	EDUC 331	3
ENGL 160.....	3	ECON 201	3
G ED Scientific Reasoning	3-4	BA 209	3
G ED101	3	BA 210	3
Semester Total	15-16	Semester Total	15
 Second Semester		 Second Semester	
G ED Written Communication II.....	3	BA 215	3
EDUC 201.....	3	BA 301	3
G ED Mathematics.....	3	BA 313	3
G ED Wellness.....	2	ECON 202	3
G ED Arts	3	BA 409	3
Semester Total	14	Semester Total	15
 Sophomore Year		 Senior Year	
First Semester		First Semester	
EDUC 202.....	3	EDUC 426	3
ENGL 150.....	3	BA 216	3
EDUC 227.....	3	BA 305	3
G ED History	3	BA 310	3
ENGL 204.....	3	BA 420	3
G ED Natural Science	3-4	Semester Total	15
Semester Total	18-19		
 Second Semester		 Second Semester	
EDUC 300.....	3	EDUC 480	15
EDUC 316.....	3	Semester Total	15
BA 203.....	3		
G ED Oral Communication.....	3		
BA 115.....	3		
Semester Total	15		

Secondary Education – Biology (5-Adult) – Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
EDUC 200.....	3
G ED Mathematics.....	3
BIOL 120	4
G ED 101	3
Semester Total	16

Second Semester

G ED Written Communication II	3
EDUC 201.....	3
BIOL 121	4
G ED Arts	3
G ED Wellness.....	2
Semester Total	15

Sophomore Year

First Semester

EDUC 202.....	3
G ED Humanities	3
EDUC 227.....	3
G ED History	3
BIOL 210	4
Semester Total	16

Second Semester

EDUC 300.....	3
EDUC 316.....	3
CHEM 105	3
CHEM 107	2
G ED Oral Communication.....	3
Semester Total	14

Junior Year

First Semester

EDUC 319	3
EDUC 331	3
EDUC 411	3
CHEM 106.....	3
CHEM 108.....	2
Semester Total	14

Second Semester

BIOL 250.....	4
BIOL 270.....	4
MATH 222 or 206	3
CHEM 201.....	4
Semester Total	15

Senior Year

First Semester

EDUC 426	3
BIOL 34.....	4
BIOL 490.....	1
BIOL 385.....	4
Elective.....	3
Semester Total	15

Second Semester

EDUC 480	15
Semester Total	15

Secondary Education – Chemistry (5-Adult) – Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
EDUC 200.....	3
MATH 120.....	3
BIOL 120	4
G ED 101	3
Semester Total	16

Second Semester

G ED Written Communication II	3
EDUC 201.....	3
CHEM 105	3
CHEM 107	2
MATH 102	3
G ED Wellness.....	2
Semester Total	16

Sophomore Year

First Semester

EDUC 202.....	3
ENGL 150.....	3
EDUC 227.....	3
G ED Arts	3
CHEM 106.....	3
CHEM 108.....	2
Semester Total	17

Second Semester

EDUC 300.....	3
EDUC 316.....	3
MATH 222.....	3
G ED Oral Communication.....	3
CHEM 205	3
CHEM 207	2
Semester Total	17

Junior Year

First Semester

EDUC 319	3
G ED History	3
CHEM 206.....	3
CHEM 208.....	2
EDUC 331	3
Semester Total	14

Second Semester

CHEM 211.....	4
MATH 206	4
PHYS 201	4
Semester Total	12

Senior Year

First Semester

EDUC 426	3
CHEM 460.....	1
EDUC 411	3
CHEM 301 or 331	3
G ED Natural Science.....	3-4
Semester Total	13-14

Second Semester

EDUC 480	15
Semester Total	15

Secondary Education – English (5-Adult) – Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	EDUC 319	3
EDUC 200.....	3	G ED History	3
G ED Mathematics.....	3	ENGL 322	3
G ED Oral Communication.....	3	ENGL 325	3
G ED 101	3	ENGL 331	3
Semester Total	15	Semester Total	15
Second Semester		Second Semester	
G ED Written Communication II	3	ENGL 334	3
EDUC 201.....	3	ENGL 320, 321, 350 or 351	3
ENGL 150.....	3	ENGL 401	3
G ED Wellness.....	2	ENGL 402, 403, 405, 406, 407 or 409	3
G ED Arts	3	ENGL 337, 338, 339, 342 or 343	3
Semester Total	14	Semester Total	15
Sophomore Year		Senior Year	
First Semester		First Semester	
EDUC 202.....	3	EDUC 426	3
ENGL 250.....	3	ENGL 316, 317, or 408 (select two).....	6
EDUC 227.....	3	G ED Natural Science.....	3-4
G ED Scientific Reasoning	3-4	ENGL 421	3
ENGL 255.....	3	ENGL 477	3
Semester Total	15-16	Semester Total	18-19
Second Semester		Second Semester	
EDUC 300.....	3	EDUC 480	15
EDUC 316.....	3	Semester Total	15
ENGL 303.....	3		
ENGL 315.....	3		
ENGL 230 or 306.....	3		
Semester Total	15		

Secondary Education – General Sciences (5-Adult) – Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
EDUC 200.....	3
G ED Mathematics.....	3-4
BIOL 120	4
G ED 101	3
Semester Total	16-17

Second Semester

G ED Written Communication II	3
EDUC 201.....	3
G ED Wellness.....	2
G ED Arts	3
BIOL 121	4
Semester Total	15

Sophomore Year

First Semester

EDUC 202.....	3
ENGL 201 or COMM 100	3
EDUC 227.....	3
G ED History	3
BIOL 250	4
Semester Total	16

Second Semester

EDUC 300.....	3
EDUC 316.....	3
CHEM 105.....	3
G ED Oral Communication.....	3
CHEM 107	2
Semester Total	14

Junior Year

First Semester

EDUC 319	3
EDUC 331	3
CHEM 106.....	3
CHEM 108.....	2
MATH 102 or 206.....	3-4
Semester Total	14-15

Second Semester

EDUC 411	3
PHYS 106.....	4
PHYS 201	4
PHYS 203.....	1
MATH 222	3
Semester Total	15

Senior Year

First Semester

EDUC 426	3
PHYS 202.....	4
PHYS 204.....	1
PHYS 120.....	3
SENIOR CAPSTONE 299, 460 or 490	1
Elective.....	3
Semester Total	15

Second Semester

EDUC 480	15
Semester Total	15

Secondary Education – Mathematics (5-Adult) – Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	EDUC 319	3
EDUC 200.....	3	MATH 207	4
G ED 101	3	MATH 222	3
MATH 120 or 121.....	3-4	G ED Wellness	2
G ED Scientific Reasoning	3-4	G ED Natural Science.....	3-4
Semester Total	15-17	Semester Total	15-16
Second Semester		Second Semester	
G ED Written Communication II	3	EDUC 331	3
EDUC 201.....	3	MATH 208	4
MATH 102 or Elective	3	MATH 300	3
G ED Oral Communication.....	3	MATH 307	3
G ED Arts	3	MATH 309	4
Semester Total	15	Semester Total	17
Sophomore Year		Senior Year	
First Semester		First Semester	
EDUC 202.....	3	EDUC 426	3
EDUC 227.....	3	MATH 308	3
C S 101.....	3	MATH 408	2
MATH 103.....	3	MATH 411	3
MATH 205.....	3	Elective.....	3
Semester Total	15	Semester Total	14
Second Semester		Second Semester	
EDUC 300.....	3	EDUC 480	15
EDUC 316.....	3	Semester Total	15
MATH 206.....	4		
ENGL 150.....	3		
G ED History	3		
Semester Total	16		

Secondary Education – Social Studies (5-Adult) – Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	EDUC 319	3
EDUC 200.....	3	EDUC 331	3
G ED Scientific Reasoning	3-4	ECON 202	3
G ED Mathematics.....	3	POSC 101	3
G ED 101	3	GEOG 201	3
Semester Total	15-16	Semester Total	15
 Second Semester		 Second Semester	
G ED Written Communication II	3	HIST 208	3
EDUC 201.....	3	HIST 209	3
G ED Arts	3	POSC 210	3
ENGL 150.....	3	SOC 270	3
SOC 101.....	3	300 or 400 Level HIST Course.....	3
G ED Wellness.....	2	Semester Total	15
Semester Total	17		
 Sophomore Year		 Senior Year	
First Semester		First Semester	
EDUC 202.....	3	EDUC 426	3
GEOG 200	3	HIST 300-400.....	3
EDUC 227.....	3	HIST 300-400.....	3
G ED History	3	HIST 300-400.....	3
ECON 201.....	3	EDUC 405	3
G ED Natural Science	3-4	Semester Total	15
Semester Total	18-19		
 Second Semester		 Second Semester	
EDUC 300.....	3	EDUC 480	15
EDUC 316.....	3	Semester Total	15
HIST 202.....	3		
HIST 207.....	3		
G ED Oral Communication.....	3		
Semester Total	15		

Art Education PreK-Adult Suggested Course Sequence**Freshman Year****First Semester**

G ED Written Communication I	3
EDUC 200.....	3
G ED Mathematics.....	3
ART 101	3
G ED 101	3
Semester Total	15

Second Semester

G ED Written Communication II	3
EDUC 201.....	3
ART 103	3
ART 201	3
G ED Scientific Reasoning	3-4
G ED Wellness.....	2
Semester Total	17-18

Sophomore Year**First Semester**

EDUC 202.....	3
ENGL 150.....	3
EDUC 227.....	3
G ED History	3
ART 204	3
Semester Total	15

Second Semester

EDUC 300.....	3
EDUC 316.....	3
ART 203	3
G ED Oral Communication.....	3
ART 205	3
Semester Total	15

Junior Year**First Semester**

EDUC 319	3
EDUC 331	3
G ED Natural Science.....	3-4
ART 206	3
ART 207	3
Semester Total	15-16

Second Semester

ART 208	3
ART 209	3
ART 217	3
ART History	3
Semester Total	12

Senior Year**First Semester**

EDUC 426	3
ART 230	3
Advanced Studios	3
ART 414	3
ART 308	3
Semester Total	15

Second Semester

EDUC 480	15
Semester Total	15

French Education PreK-Adult Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
EDUC 200.....	3
G ED Mathematics.....	3
FREN 101	3
G ED 101	3
Semester Total	15

Second Semester

G ED Written Communication II	3
EDUC 201.....	3
FREN 102	3
G ED Scientific Reasoning	3-4
G ED Wellness.....	2
Semester Total	14-15

Sophomore Year

First Semester

EDUC 202.....	3
G ED Oral Communication.....	3
EDUC 227.....	3
FREN 201	3
G ED History	3
Semester Total	15

Second Semester

EDUC 300.....	3
EDUC 316.....	3
FREN 202	3
ENGL 150.....	3
G ED Arts	3
Semester Total	15

Junior Year

First Semester

EDUC 319	3
FREN 305.....	3
FREN 306.....	3
Elective	3
Elective	3
Semester Total	15

Second Semester

EDUC 331	3
FREN 307.....	3
FREN 311	3
FREN 407.....	3
G ED Natural Science.....	3-4
Semester Total	15-16

Senior Year

First Semester

EDUC 426	3
FREN 312.....	3
FREN 401	3
Elective	3
Semester Total	12

Second Semester

EDUC 480	15
FREN 402.....	3
Semester Total	18

Music Education PreK-Adult Suggested Course Sequence

Freshman Year

First Semester

G ED 101	3
MUS 101	3
MUS 110	1
MUS 115	1
MUS 150 or 160.....	1
MUS 191	1
EDUC 200.....	3
G ED Written Communication I	3
Semester Total	16

Second Semester

MUS 102.....	3
MUS 111	1
MUS 116.....	1
MUS 150 or 161.....	1
MUS 192.....	1
EDUC 201.....	3
G ED Written Communication II	3
G ED Wellness.....	2
G ED Mathematics.....	3
Semester Total	18

Sophomore Year

First Semester

MUS 123	1
MUS 150 or 160.....	1
MUS 201	3
MUS 207	3
MUS 210.....	1
MUS 215	1
MUS 291	1
EDUC 202.....	3
EDUC 227.....	3
Semester Total	17

Second Semester

MUS 124.....	1
MUS 150/161.....	1
MUS 202.....	3
MUS 211	1
MUS 216.....	1
MUS 292.....	1
MUS 320.....	3
ENGL 150.....	3
G ED Scientific Reasoning	3-4
Semester Total	17-18

Junior Year

First Semester

MUS 150 or 160	1
MUS 303	3
MUS 305	3
MUS 307	3
MUS 391	2
EDUC 316	3
Semester Total	15

Second Semester

MUS 150 or 161	1
MUS 304	3
MUS 306	3
MUS 392	2
EDUC 319	3
G ED Oral Communication	3
Semester Total	15

Senior Year

First Semester

MUS 150 or 160	1
MUS 313	3
MUS 491	2
EDUC 331	3
G ED History	3
MUS 405	3
Semester Total	15

Second Semester

EDUC 426	3
G ED Natural Science.....	3-4
MUS 314	3
MUS 150 or 161	1
MUS 432	2
Semester Total	12-13

Senior Year – Part II

First Semester

EDUC 480	15
Semester Total	15

Spanish Education PreK-Adult Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
EDUC 200.....	3
G ED Mathematics.....	3
SPAN 101	3
G ED 101	3
Semester Total	15

Second Semester

G ED Written Communication II	3
EDUC 201.....	3
SPAN 102	3
G ED Wellness.....	2
G ED Scientific Reasoning	3-4
Semester Total	14-15

Sophomore Year

First Semester

EDUC 202.....	3
ENGL 150.....	3
EDUC 227.....	3
SPAN 201	3
G ED History	3
Semester Total	15

Second Semester

EDUC 300.....	3
EDUC 316.....	3
SPAN 202	3
G ED Oral Communication.....	3
Elective	3
Semester Total	15

Junior Year

First Semester

EDUC 319	3
SPAN 305.....	3
SPAN 306.....	3
G ED Arts	3
Elective	3
Semester Total	15

Second Semester

EDUC 331	3
SPAN 307.....	3
SPAN 311	3
G ED Natural Science.....	3-4
SPAN 407.....	3
Semester Total	15-16

Senior Year

First Semester

EDUC 426	3
SPAN 312.....	3
SPAN 401	3
Elective.....	3
Semester Total	12

Second Semester

EDUC 480	15
SPAN 402.....	3
Semester Total	18

Wellness Education PreK-Adult Suggested Course Sequence

Freshman Year		Junior Year	
First Semester		First Semester	
G ED Written Communication I	3	EDUC 319	3
EDUC 200.....	3	EDUC 331	3
G ED Scientific Reasoning	3-4	G ED History	3
HHP 135	2	HHP 225	3
G ED 101	3	G ED Mathematics	3
Semester Total	14-15	Semester Total	15
Second Semester		Second Semester	
G ED Written Communication II	3	HHP 352	3
EDUC 201.....	3	HHP 359	3
BIOL 210	4	HHP 329	3
HHP 242	3	HHP 340	3
HHP 150	3	HHP 456	3
Semester Total	16	Semester Total	15
Sophomore Year		Senior Year	
First Semester		First Semester	
G ED Oral Communication.....	3	HHP 458	3
EDUC 202.....	3	HHP 341	3
EDUC 227.....	3	HHP 446	3
ENGL 150.....	3	HHP 251	3
HHP 238	2	EDUC 426	3
Semester Total	14	Semester Total	15
Second Semester		Second Semester	
HHP 327	3	EDUC 480	15
HHP 252	2	Semester Total	15
EDUC 316.....	3		
EDUC 300.....	3		
HHP 400	3		
G ED Arts	3		
Semester Total	17		

Education Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

EDUC 200. Foundations of Education

A course designed to introduce candidates to the teaching profession; to give students a first formal experience in the formal study of the dispositions involved in education and help students assess their pre-professional readiness. Virtual field experience of 10 hours is required. Prerequisite(s): Eligible for ENGL 101. Fulfills the G ED requirements in Origins.

EDUC 201. Human Growth and Development

Study of developmental characteristics of the individual through adulthood. Required of all candidates in teacher education programs. An additional 15 hours of field work in an appropriate public school setting required. Prerequisite(s): ENGL 101 and EDUC 200 with a C or better and the results of a current negative TB test filed. Students in social work and recreation who are required to complete EDUC 201 as part of their degree requirements do not need to take EDUC 200 before enrolling in the course. Fulfills the G ED requirements in Social Structures

EDUC 202. Educational Psychology and Learning

Survey of educational psychology and related concepts for classroom application. Major emphasis on learning teacher expectation and motivation, educational measurement and classroom management concepts. Completion of a 25-hour field experience in an appropriate K-12 public school setting required. Prerequisite(s): EDUC 201 with a "C" or better.

EDUC 227. Exceptionalities and Human Diversity

Course emphasis will be placed on recognition and special needs of students labeled exceptional according to state and federal regulations. Effective instructional strategies for teaching populations such as gifted, and students at risk for school failure, visually impaired, physically challenged, speech/language handicaps and behavior disorders will be studied. Prerequisite(s): EDUC 202 with a "C" or better or concurrent with EDUC 202. Fulfills the G ED requirement in Human Diversity.

EDUC 290. Advanced Foundations (1 credit hour)

Required of all transfer students and returning students, declaring education as a major during the first semester of enrolling in the program. This course provides an overview of the Conceptual Framework and the Four Phases of the teacher education program at West Virginia State University.

EDUC 299. Special Topics in Education (1-3 credit hours)

A lower-division course designed for a topic of special current interest, including televised courses. Prerequisite(s): Permission of the instructor or department chair.

EDUC 300. Educational Technology

Examines current concepts and practices in educational computing and instructional technology, uses of microcomputers, distance learning and media resources. Practice in assessing hardware and evaluating instructional hardware. Assignments/ practice required in computer lab setting for two hours per week above and beyond the regular contact hours for the course. Virtual field experience of 10 hours is required. Prerequisite(s): Concurrent with EDUC 316 or completion of EDUC 316 with a "C" or better.

EDUC 301. Early Childhood Development PreK-K

Study of developmental characteristics of the individual from birth to PreK. Required of all students in teacher education programs seeking a PreK-K endorsement. Prerequisite(s): Passing the Core Academic Skills Examination (CORE) scores before the first day of classes.

EDUC 316. Integrated Methods

Materials of instruction, commonalities in the learning process and developing requisite techniques of instruction in all programmatic levels. Emphasis is placed on skills in planning and organizing instruction. Required of all students in teacher education curricula. Completion of an additional 40 hour integrated field experience in a public school is required. Prerequisite(s): EDUC 202 with a "C" or better, and passing the Core Academic Skills Examination (CORE) before the first day of classes begins.

EDUC 318. Teaching Science in Elementary and Middle Schools

A study of the national and state standards and objectives, organization and instructional techniques in the sciences appropriate to the elementary and middle school programs. Prerequisite(s): EDUC 316 and all K-6 Science requirements with a C or better.

EDUC 319. Content Area Literacy

Studied by teacher education candidates to increase their skills to deliver the reading, writing, speaking, listening and viewing skills of public school students studying specific content subject matter. In addition, national and state standards, assessment, career and international education issues related to the content area are discussed. A field experience of 30 clock hours is required. Prerequisite(s): Concurrent with EDUC 316 or completion of EDUC 316 with a C or better.

EDUC 320. Teaching Reading in the Elementary School I

Current methods of teaching developmental reading in grades K-6 with an emphasis on the use of national and state content standards and objectives to deliver and assess reading instruction. A field experience of 30 clock hours is required. Prerequisite(s): Concurrent with EDUC 316 or completion of EDUC 316 with a "C" or better.

EDUC 321. Teaching Writing in the Elementary School

Essentials of instruction in the language arts in the elementary and middle school with an emphasis on national and state standards. Specific emphasis placed on the writing process and how this process increases student achievement in reading, handwriting, speaking, viewing, spelling and listening. Prerequisite(s): EDUC 316 with a “C” or better.

EDUC 323. Teaching Mathematics in the Elementary School

Teacher candidates will explore important mathematical ideas and their development with a focus on the essentials of instruction in the elementary and middle school and an emphasis on national and state standards. Specific emphasis is placed on developmentally appropriate materials and methods to be used in the teaching of mathematics. Prerequisite(s): Satisfactory completion of EDUC 316, MATH 104 and MATH 105 with a grade of “C” or better.

EDUC 325. Teaching Social Sciences in the Elementary School

Emphasis on the national and state content standards in organizing of subject matter and selection of methods and materials involved in the teaching of social studies in elementary and middle schools. Prerequisite(s): EDUC 300, 316, and all social studies content requirements.

EDUC 328. Field Experience in Exceptional Settings

A supervised field experience where candidates become involved with selected exceptionalities studied in the survey course. Limited and guided participation is expected and participants will meet periodically in seminar. Requires 60 clock hours of field experiences in special settings. Prerequisite(s): EDUC 227 co-requisite or completion of EDUC 227 with a “C” or better.

EDUC 329. Characteristics of the Mentally Impaired

Characteristics of the Mentally Impaired, related educational planning, family needs, historical and contemporary issues in preparing programs for this type of exceptionalities are explored. Prerequisite(s): EDUC 227 with a “C” or better.

EDUC 330. Assessing the Exceptional Learner

Principles and Practices of assessment for students with learning difficulties or mild/moderate exceptionalities. Prerequisite(s): EDUC 227 with a “C” or better.

EDUC 331. Curriculum for Special Education

Curriculum development in areas which reinforce content, social and vocational learning for the MI, SLD and Multi-Categorical. Prerequisite(s): EDUC 316 and EDUC 227 with a “C” or better. A field experience of 30-clock hours is required.

EDUC 340. Characteristics of Individuals with Specific Learning Disabilities

Historical and contemporary practices, trends, insights and needs; diagnosis and treatment; service delivery; and,

management strategies. Prerequisite(s): EDUC 227 with a “C” or better.

EDUC 341. Organization and Management of PreK-K Programs

Study of the organization, scheduling, creating learning environments and legal issues related to PreK-K programs. Required of all students in teacher education programs seeking a PreK-K endorsement. Prerequisite(s): EDUC 316 with a “C” or better and concurrent with EDUC 301 or completion of EDUC 301.

EDUC 342. Curriculum in PreK-K Programs

Study of the federal and state curriculum required for PreK-K programs. Required of all students in teacher education programs seeking a PreK-K endorsement. Prerequisite(s): EDUC 341 with a C or better. Requires a 10 clock hours field placement.

EDUC 399. Special Topics (1-3 credit hours)

An upper-division course designed for a topic of current interest, including televised courses. Prerequisite(s): as stated for each offering.

EDUC 405. Teaching Social Studies

Emphasis on the national and state content standards in organizing of subject matter and selection of methods and materials involved in the teaching of social studies in middle and secondary schools. Prerequisite(s): A “C” or better in EDUC 316, and all social studies content specialization requirements earned prior to enrolling in this course.

EDUC 411. Teaching Science

Emphasis on the national and state content standards in organizing of subject matter and selection of methods and materials involved in the teaching of sciences in middle and secondary schools. Prerequisite(s): A C or better in EDUC 316, and all science content specialization requirements earned prior to enrolling in this course.

EDUC 423. Teaching Reading in the Elementary School II

An introductory course in diagnostic-prescriptive teaching strategies to work with school children experiencing reading difficulties. Practical experience in test administration, interpretation, instructional intervention strategies and evaluative follow-up. Practicum required. Prerequisite(s): EDUC 320 with a “C” or better.

EDUC 426. Creating, Managing and Assessing Learning Communities

Education 426 is an introduction to the legal, theoretical, developmental and best practices that will enable a beginning teacher to develop a management, organization and assessment system that promotes student learning and ensures student safety in all public school learning environments. Requires 40 clock hours of field experiences. Prerequisite(s): EDUC 316 completed with a “C” or better

taken the semester before student teaching. Credit for this course must be earned at West Virginia State University.

EDUC 436. Capstone Experience for Elementary Teachers

Normally taken during the senior year, this is a capstone experience for elementary education majors. Advanced theories, principles and practices for working with elementary students. Emphasis on establishing a safe and healthy learning environment; program management; appropriate guidance techniques; family involvement; building a positive student self-concept; promoting a student's physical, cognitive, social and creative growth by providing appropriate materials and activities. Prerequisite(s): Senior status and concurrent with Education 426.

EDUC 450. Behavior, Social and Life Skills Curriculum

A study of selected Social Skills, Life Skills, Transition and Conflict Resolution curricula for students with mild disabilities and both individual and group behavior management skills for teachers of students with mild disabilities. Requires 10 hours of field experiences in a special education setting. Prerequisite(s): EDUC 227 with a "C" or better.

EDUC 460. Characteristics of Individuals with Mild Disabilities

Historical and contemporary practices and trends in the education of individuals with mild disabilities. Course includes characteristics of individuals with mild disabilities, roles of family and community, cultural issues, the varied roles of the professional special education educator and legal issues including placement decision-making and service delivery. Prerequisite(s): EDUC 227 with a "C" or better.

EDUC 480-487. Student Teaching (3-18 credit hours)

Designed to provide teacher education candidates with the necessary student teaching experiences to fulfill the certification requirements for the respective endorsements for which they seek West Virginia Licensure. Prerequisite(s): Full admission to Teacher Education, and EDUC 426 with a "C" or better.

EDUC 494. Directed Observation and Participation in Elementary Education (3-6 credit hours)

An optional additional student teaching and/or educational experience for students who have completed or will complete regular student teaching. Approved supervised programs of activities in institutions or agencies will be utilized. (Open only to eligible candidates.)

EDUC 498. Directed Observation and Participation in Secondary Education (3-6 credit hours)

An optional additional student teaching and/or educational experience for students who have completed or will complete regular student teaching. Approved supervised programs of activities in institutions or agencies will be utilized. (Open only to eligible candidates.)

EDUC 499. Special Topics (1-3 credit hours)

An upper division course designed for a topic of special current interest, including televised courses. Prerequisite(s): Permission of the instructor or department chair.

EDUC 599. Special Topics in Education

A graduate level course designed for a topic of special current interest, including televised courses. Prerequisite(s): Permission of the instructor or department chair.

Education Faculty Members

Blackwell, James M. (2014), Assistant Professor of Education. B.A. West Virginia State University; M.A. West Virginia College of Graduate Studies; Ed.D. Marshall University, 2007. Areas of research: Educational Leadership, Program Design, Educational Technology, Public School Curriculum and Literacy.

Carney, J. Paige (1996-2003, 2011), Professor of Education. B.A. University of South Carolina; M.Ed. Georgetown College; Ed.D. University of Kentucky 1995. Areas of research: School Community Outreach Initiatives, Educational Leadership and Innovative Instructional Strategies.

Dean-Leonard, Daton (2007), Associate Professor of Education. B.A. West Virginia State University; M.A. Marshall University; Ed.D. West Virginia University, 2012. Areas of research: School Culture, Urban Education, Educational Technology and Leadership Practices.

Hauser, Billie (2015), Instructor of Education. B.A. Marshall University; M.A. Marshall University, 1990. Areas of research: Leadership, Professional Development and Strategic Planning.

Korn, Barbara (2012), Assistant Professor of Education. B.S. Davis & Elkins College; M.A. West Virginia University, 1978. Areas of research: Literacy, Reading Strategies and Professional Development.

McAllister, Gregg Suzanne (2015), Instructor of Education. B.A. Harvard University; M.A. Marshall University, 2007. Areas of research: Educational Equity and Access.

Stuart, T. Ramon (2003), Assistant Professor of Education and Associate Provost and Associate Vice President for Academic Affairs. B.S., West Virginia University; M.S. West Virginia University; Ph.D., Ohio University, 2012. Areas of research: Leadership, Student Retention and the Usage of technology in academic classrooms.

Wagh, Emily H. (2006), Associate Professor of Education. B.S. West Virginia University; M.A. Marshall University; Ed.D. Marshall University, 2005. Areas of research: Professional Development, Teacher Effectiveness and Assessment of Student Learning.

Wilson, Brenda (2000), Professor of Education, B.A. The Catholic University of America; M.Ed. Marshall University Graduate College; Ed.D. West Virginia University, 2000. Areas of research: Professional Development of Paraprofessionals, Efficacy of Teacher Preparation Strategies.

Wilson, Patricia (2001), Associate Professor and Chairperson of Education, B.S. West Virginia State University; M.A. Marshall University. Areas of research: Leadership Styles of Administrators, Educational Success of Children; Efficacy of Class Strategies.

Ledbetter, Charles, Ph.D. Professor Emeritus of Education. B.A. Lincoln University; M.P.A. Golden Gate University; Ph.D. Kent State University, 1991. Dr. Ledbetter retired in 2007.

Scott, Harry V., Ph.D. Professor Emeritus of Education. B.A. SUNY-Albany; M.A. SUNY -Albany; Ed.D., Columbia University, 1966. Dr. Scott retired in 1995.

Health & Human Performance

Dr. Aaron Settle
Chairperson
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The purpose of the Department of Health and Human Performance at West Virginia State University is to prepare students and health professionals with the knowledge and skills to assume positions in delivering health services, health education, physical education and recreation programs and services to communities, schools, agencies and businesses. The Department also promotes the concept of lifelong healthy living through positive health, wellness and fitness practices among the faculty, staff, students and community.

Consistent with this focus, the Department offers several different fields of study and courses in the health, human performance and leisure areas. The Bachelor of Science degree is available in Health Sciences, Recreation and Sports Studies. The content courses for teaching specializations in Health Education and Physical Education are also delivered for the Education Department.

Bachelor of Science in Health Science (120-121 hours required for graduation)

Community Health Education Emphasis. General Education 35-41 hours

Required for the Major – 44-45 Hours: HHP 251, HHP 352, HHP 354, HHP 451, HHP 453, HHP 454, HHP 456, HHP 457, HHP 458, HHP 460, HHP 461 BIOL 303, PSYC 200, SOCI 321.

Free Electives – 34-30 Hours

2+2 Leadership in Allied Health and Rehabilitation Emphasis. General Education-17 hours

Required for the Major – 26-27 Hours: HHP 354, HHP 451, HHP 454, HHP 460, HHP 455, HHP 457, HHP 461, BIOL 303, PSYC 200 or CJ 314.

Free Electives – 15-16 Hours

Bachelor of Science Sport Studies (120 hours required for graduation)

General Track. General Education 35-41 hours

Required for the Major—71 Hours: HHP 150, HHP 126, HHP 140, HHP 220, HHP 225, HHP 238, HHP 242, HHP 252, HHP 327, HHP 331, HHP 333, HHP 340, HHP 341, HHP 350, HHP 399, HHP 400, HHP 420, HHP 428, HHP 430, HHP 440, HHP 450, BIOL 210.

Free Electives – 12-18 Hours

Sport Studies Pre-Professional Track. General Education 35-41 hours

(126-127 hours required for graduation)

Required for the Major – 85 Hours: HHP 150, HHP 225, HHP 252, HHP 327, HHP 331, HHP 333, HHP 340, HHP 350, HHP 400, HHP 420, HHP 430, HHP 450, BIOL 121, BIOL 331, BIOL 332, PHYS 201, PHYS 202, PHYS 203, PHYS 204, CHEM 105, CHEM 106, CHEM 107, CHEM 108, MATH 102, PSYC 200, PSYC 290.

Free Electives – 0 Hours

Bachelor of Science in Recreation (120 hours required for graduation)

General Option. General Education 35-41 hours

Required for the Major—51-52 Hours: HHP 180, HHP 200, HHP 280, HHP 285, HHP 289, HHP 315, HHP 360, HHP 370, HHP 380, HHP 386, HHP 404, HHP 407, HHP 460, HHP 490, HHP 122 or 157, EDUC 201, CJ 314 or PSYC 200.

Free Electives: 27-34 Hours

Recreation/Travel & Tourism Option. General Education 35-41 hours

Required for the Major—67-68 Hours: HHP 180, HHP 200, HHP 280, HHP 285, HHP 289, HHP 315, HHP 360, HHP 370, HHP 380, HHP 386, HHP 404, HHP 407, HHP 460, HHP 490, HHP 170, HHP 250, HHP 390, HHP 395, HHP 470, HHP 485, EDUC 201, CJ 314 or PSYC 200.

Free Electives – 27-34 Hours

Health Sciences Suggested Course Sequence**Freshman Year****First Semester**

G ED Scientific Reasoning	3-4
G ED Written Communication I	3
G ED 101	3
HHP 150	3
G ED Mathematics	3
Semester Total	15-16

Second Semester

G ED Social Science	3
G ED Written Communication II	3
G ED Natural Science	3
G ED Oral Communication	3
G ED Arts	3
Semester Total	15

Sophomore Year**First Semester**

G ED Humanities	3
BIOL 303	3
G ED International Perspectives	3
PSYC 200 or CJ 314	3-4
HHP 251	3
G ED Wellness	2
Semester Total	17-18

Second Semester

HHP 352	3
HHP 354	3
HHP 451	3
HHP 453	3
G ED History	3
Semester Total	15

Junior Year**First Semester**

Elective	3
Elective	3
HHP 456	3
HHP 454	3
Elective	3
Semester Total	15

Second Semester

Elective	3
HHP 457	3
HHP 460	3
Elective	3
Elective	3
Semester Total	15

Senior Year**First Semester**

HHP 458	3
Elective	3
Elective	3
Elective	3
Elective	3
Semester Total	15

Second Semester

HHP 461	3
Elective	3
Elective	3
Elective	3
Semester Total	12

Recreation & Tourism Studies Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
G ED Mathematics	3
HHP 180	3
G ED Natural Science	3-4
G ED 101	3
Semester Total	15-16

Second Semester

G ED Written Communication II	3
HHP 150	3
G ED Oral Communication	3
HHP 200	3
Electives	3
Semester Total	15

Sophomore Year

First Semester

HHP 285	3
HHP 289	3
G ED Natural Science	3
HHP 280	3
G ED Scientific Reasoning	3
Semester Total	15

Second Semester

HHP 315	3
G ED Humanities	3
HHP 360	3
Electives	3
HHP 370	3
Semester Total	15

Junior Year

First Semester

HHP 380	3
HHP 186	3
EDUC 201	3
G ED History	3
CJ 314 or PSYC 200	3-4
Semester Total	15-16

Second Semester

HHP 460	3
HHP 404	3
G ED International Perspectives	3
Elective	3
Elective	3
Semester Total	15

Senior Year

First Semester

HHP 490	1
G ED Wellness	2
Elective	3
Elective	9
Semester Total	15

Second Semester

HHP 407	6
Elective	3
Elective	3
Elective	3
Semester Total	15

Sports Studies Suggested Course Sequence

Freshman Year

First Semester

G ED Written Communication I	3
G ED Mathematics	3
G ED Natural Science	3-4
HHP 126	3
G ED 101	3
Semester Total	15-16

Second Semester

G ED Written Communication II	3
G ED Oral Communication	3
HHP 150	3
HHP 252	2
BIOL 210	4
Semester Total	15

Sophomore Year

First Semester

HHP 225	3
HHP 220	3
HHP 140	2
HHP 242	3
HHP 399-02	3
HHP 220	2
Semester Total	17

Second Semester

G ED History	3
G ED International Perspectives	3
G ED Humanities	3
HHP 327	3
HHP 400	3
Semester Total	15

Junior Year

First Semester

G ED Arts	3
Elective	3
HHP 341	3
HHP 225	3
HHP 331	3
HHP 238	2
Semester Total	17

Second Semester

HHP 350	3
HHP 420	3
HHP 340	3
HHP 428	3
HHP 333	3
Semester Total	15

Senior Year

First Semester

HHP 430	3
Elective	3
HHP 440	2
Elective	3
Elective	3
Semester Total	14

Second Semester

HHP 428	3
HHP 450	12
Semester Total	15

Health & Human Performance Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

Health Education/Health Sciences Theory

HHP 150. Introduction to Health and Human Performance

An introduction to the historical, philosophical and sociological perspectives of school health education, physical education and sport studies. This course will also look at career development, and job opportunities in each of the fields and the new world of the technological workplace.

HHP 157. Healthy Living (2 credit hours)

Designed to inform, interest and motivate students toward good health as it relates to effective, productive and satisfying living. We will look at health as a dynamic, ever-changing process of trying to achieve individual potential in the physical, mental, social, emotional, spiritual and environmental dimensions.

HHP 199. Special Topics (1-3 credit hours)

A lower-division course designed for a topic of current interest, including televised courses. Prerequisite(s): As stated for each offering.

HHP 251. Consumer Health

A study of science-based health facts and guidelines to enable consumers to intelligently select health products and services. The course will emphasize the economic aspects of health and the social and psychological factors that influence consumer choices.

HHP 252. Emergency Health Care (2 credit hours)

A course that will equip students with the ability to recognize health emergencies, evaluate the situation and administer appropriate care.

HHP 253. Student Health Problems

Sociological, psychological and physiological changes that occur in school-age students; prevalent problems that occur - their etiology, pathology, diagnosis and the school's responsibility for health and emergency care of students.

HHP 325. Substance Abuse (2 credit hours)

This course provides information and understanding of substance abuse, drugs and ways to prevent the individual from using drugs.

HHP 352. Community Health

An examination of the broad and challenging profession of community health education with an emphasis on communities and their health status. The course will also address the social/political reasons why many community health problems continue to exist.

HHP 354. Contemporary Issues in Health

This course will examine the current thinking on a variety of health issues. Timely articles which provide students with a variety of points of view regarding health and the complexity of the issues involved will be used. Emphasis will be placed on the development of skills in critical thinking, reasoning, and effective argument.

HHP 355. Marketing, Budgeting and Quality Principles

This course is designed to provide health science majors with the knowledge and skills needed to guide them in collecting, analyzing and articulating data for marketing, budgeting and quality principles in the current health care environment. The student's gain in knowledge and personal growth are the goals of the course; the individual's participation and perception become the processes through which the goal is attained.

HHP 359. Methods of Teaching Health Education

Designed to prepare the prospective elementary and middle school teacher to function effectively in the school health program including school health environment, school health services and special emphasis on school health instruction. Prerequisite(s): EDUC 316.

HHP 369. Elementary and Middle School Safety Programs (2 credit hours)

This course is designed to prepare the teacher candidate to receive certification in Adult/Child/ Infant CPR and First Aid upon successful completion of the course. This course will emphasize updated information strategies you can employ in your classroom to protect yourself and your students.

HHP 399. Special Topics (1-3 credit hours)

An upper-division course designed for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

HHP 451. Issues in Rural Health

This course examines social issues and challenges in rural health with emphasis on morbidity and mortality status among rural populations, health disparities, health hazards, health care, environmental health and food insecurity. Prerequisite(s): HHP 354.

HHP 453. Applied Nutrition in Health

This course reviews dietary principles and behavior modification in overall health, as well as how to develop nutrition education interventions within community health programming. Prerequisite(s): BIO 303.

HHP 454. Theory in Health Education

This course is an introductory study of the various theories used in health education and health promotion, and their applicability to health programming.

HHP 455. Epidemiology in Health

This course reviews basic principles in epidemiology and designs of study for health research. Prerequisite(s): Math 111 or 120.

HHP 457. Comprehensive Health Assessment

A thorough study of health assessment performed by health and human service professionals. Course will include the practical use of assessments in a variety of physical, behavioral and social contexts.

HHP 458. Planning/Implementing/Evaluating Interventions in HHP

This course is designed to provide students with the knowledge and skills needed to plan, implement and evaluate health promotion in a variety of settings. Emphasis will be placed on conducting needs assessments, data collection, intervention theories and models, implementation strategies, evaluation models, reporting. Prerequisite(s): HHP 456.

HHP 461. Health Leadership

This course addresses the full scope of leadership and its challenges with special emphasis on leading within the healthcare environment. Prerequisite(s): HHP 454.

Physical Education Theory**HHP 122. Fitness for Living (2 credit hours)**

This course is designed to provide students with the knowledge and skills needed to plan, implement and evaluate health promotion in a variety of settings. Emphasis will be placed on conducting needs assessments, data collection, intervention theories and models, implementation strategies, evaluation models, reporting. Prerequisite(s): HHP 456.

HHP 126. Foundations of Physical Education

A study of the historical and philosophical background that contributes to the development of the psychological, sociological and physiological foundations that are the basis of contemporary physical education.

HHP 130. NCAA Life Skills (1 credit hour)

This course provides strategies that make smart choices about use or non-use of alcohol and other drugs, both short-term and long-term.

HHP 135. Dance Methods (2 credit hours)

This course is designed to prepare the pre-service teacher to organize, plan, select, instruct and evaluate a variety of dance activities for elementary and middle school students.

HHP 199. Special Topics (1-3 credit hours)

A lower-division course designed for a topic of current interest, including televised courses. Prerequisite(s): As stated for each offering.

HHP 225. Biomechanics

The course is designed to build a basic foundation of anatomy and kinesiology as it pertains to movement in physical education. Prerequisite(s): BIOL 210 with a C or better.

HHP 238. Methods of Gymnastics/Aerobics (2 credit hours)

This course is designed to prepare the pre-service teacher to organize, plan, select and instruct gymnastics and aerobics activities that are developmentally appropriate for elementary students.

HHP 242. Team Sports II

This course is designed to prepare the prospective teacher in knowledge of rules, boundaries, instructional strategies and psychomotor skills characteristic of sport forms. These sport forms are analyzed and applied to softball, track and field and basketball.

HHP 317. Sports Training Lab/Football (2 credit hours)

Designed for the student trainer to obtain laboratory experience in the sport of football while working toward certification in the area of Athletic Training. Forty experience hours in conditioning, taping, first aid and rehabilitation required. Prerequisite(s): HHP 331 with a "C" or better, plus current certification in CPR and advanced First Aid.

HHP 318. Sports Training Lab/Basketball (1 credit hour)

Designed for the student trainer to obtain laboratory experience in the sport of basketball while working toward certification in the area of Athletic Training. Forty experience hours in conditioning, taping, first aid and rehabilitation required. Prerequisite(s): HHP 331 with a "C" or better, plus current certification in CPR and advanced First Aid.

HHP 321. Sports Training Lab/Baseball-Track and Field (1 credit hour)

This course is designed for the student trainer to obtain laboratory experience in the sports of baseball, track and field while working toward certification in the area of Athletic Training. Seventy-five experience hours under the direct supervision of a certified athletic trainer in conditioning, taping, first aid and rehabilitation required. Prerequisite(s): HHP 331 with a "C" or better, plus current certification.

HHP 327. Exercise Physiology

The course is designed to implement knowledge of the physiological function of the body during exercise. Prerequisite(s): HHP 225 with a "C" or better.

HHP 329. Adapted Physical Education and Recreation

Emphasis on the physical and health status of typical and atypical students and physical activities for maximum development.

HHP 331. Athletic Training I

The course is designed to give the student initial instruction in the many facets of sports medicine and the role and responsibilities of the athletic trainer. Prerequisite(s): HHP 327 with a “C” or better.

HHP 333. Athletic Training II

The course is designed to give the student advanced instruction above that offered in HHP 331 into many facets of sports medicine and the roles and responsibilities of the athletic trainer.

HHP 341. Individual And Dual Sports I

This course is designed to prepare the prospective teacher in rules, boundaries, instructional strategies and psychomotor skills in tennis, bowling, archery and badminton, as well as develop and apply skills to tennis, bowling, archery and badminton.

HHP 399. Special Topics (1-3 credit hours)

An upper-level course for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

HHP 428. Administration of Physical Education and Sport

This course is a series of discussions, lectures and case studies that assist students in application of the administrative theories, concepts, principles and decision-making skills necessary for a successful career in exercise-related professions.

HHP 446. Methods of Elementary/Middle School Physical Education

Designed to meet state requirements for certification of elementary/middle school teachers. This is a sequentially developed program which will include the development of knowledge, physical skills and methods for teaching physical education. It provides selected activities appropriate to the elementary students. In addition, this class requires 8-10 hours of selected practical experience. Prerequisite(s): EDUC 316.

Activity Courses

HHP 102. Beginning Tennis (1 credit hour)

This course is designed for anyone interested in learning proper technique, scorekeeping and fitness through the activity of tennis.

HHP 103. Beginning Bowling (1 credit hour)

This course is designed for anyone interested in learning proper technique, scorekeeping and fitness through the activity of bowling.

HHP 106. Beginning Weight Training and Body Conditioning (1 credit hour)

This course is designed for anyone interested in learning proper technique, risk management protocol and workout design through the activity of weightlifting.

HHP 111. Beginning Basketball – Softball (1 credit hour)

This course is designed for anyone interested in learning proper technique, skill building, game rules, scorekeeping and fitness through the activities of basketball and softball.

HHP 437. Certification in Sports Officiating (1-4 credit hours)

Methods and techniques of officiating selected sports. West Virginia Secondary Activities Commission guidelines will be followed. Prerequisite(s): Permission of the instructor.

Recreation Theory

HHP 180. Introduction to Recreation Service

This course considers the entire growing field of recreational service in the United States in terms of its historical and contemporary development; recreational activity as a social and economic force; and the sectors and agencies of the field. Prerequisite(s): Eligible for English 101.

HHP 199. Special Topics (1-3 credit hours)

A lower-division course designed for a topic of current interest, including televised courses. Prerequisite(s): As stated for each offering.

HHP 200. Program Planning and Leadership

The theory and exploration of program planning in the various settings. Policies and philosophies pertinent to the program area. Prerequisite(s): HHP 180. Prerequisite(s): HHP 180 with a “C” or better, and English 101 with a “C” or better.

HHP 280. Recreational Activities

Experience in recreation leadership; opportunities to work in the field of recreation under guidance (program planning, philosophy, problem solving and methods). There is requirement a 150-hour supervised field experience. Prerequisite(s): HHP 180.

HHP 281. Introduction to Therapeutic Recreation

Designed to instruct functional workers in the adaptation of various recreational activities for the atypical and aging. Emphasis on the principles of therapeutic recreational service and the methods of adapting recreational experience to those who are mentally ill, physically handicapped, retarded or temporarily disabled as a result of accident, surgery or illness. Lecture and field trips.

HHP 285. Community Recreation (2 credit hours)

A survey of the development of individual, school and community recreation programs.

HHP 289. Recreation Leisure Services Practicum

Classroom and directed experience in camp leadership, campcraft, outdoor education programming, camp maintenance and the natural sciences. There is a requirement of 150 hours of supervised field experience. Prerequisite(s): HHP 200, 280 and 285 with a “C” or better in each course. For Recreation majors only.

HHP 299. Special Topics (1-3 credit hours)

A lower-division course designed for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

HHP 304. History and Philosophy of Leisure

An examination of the historical and philosophical foundations of leisure. A variety of leisure theories and philosophies are presented and critiqued. Prerequisite(s): HHP 200, 280 and 285 with a “C” or better in each course, or by written permission of instructor.

HHP 315. History and Philosophy of Environmental Movement

This course identifies and explores the organizations, individuals, philosophies and events that have come to define the environmental movements in America. Four eras in environmentalism have influenced the trajectory of the movement from early preservationist’s efforts to today’s grassroots actions in conservation biology and social justice. Students will examine the history of the movement, its progress as measured in policy and legislative influences, and become acquainted with iconic individuals associated with defining and shaping environmentalism as a political, scientific and social force in American society. Prerequisite(s): ENG 102.

HHP 360. Management of Leisure Services

This class explores management theory and its application to the leisure-service industry including, human resource management, leadership styles, principles of financing and budgeting. Prerequisite(s): HHP 180, 200, 280 and 285 with a “C” or better in each course, or by written permission of instructor.

HHP 370. Outdoor Education and Camp Leadership

This course develops the essential skills necessary for running outdoor activities, camps and programs. Students will also learn skills for employment as camp counselors, recreational activity directors and related jobs in various outdoor settings. Participation and planning of outdoor leisure activities is required. Prerequisite(s): HHP 180, 285, 280, 200 with a “C” or better in each course, or by written permission of instructor.

HHP 380. Contemporary Trends in Leisure

A comprehensive, issues-based examination of current trends in leisure and recreation service provision. Prerequisite(s): HHP 180 with a “C” or better.

HHP 386. Resort and Commercial Recreation

An introduction course in commercial recreation, which will introduce students to the history, organizational patterns and management practices in the field. Students will become familiar with the Resort and Commercial Recreation Association and Standards of Practice and Certification Guidelines.

HHP 399. Special Topics (1-3 credit hours)

An upper-level course for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

HHP 401. Planning Recreation Programs for Special Populations

The course will relate the application of program planning to the physically handicapped, mentally ill, emotionally disturbed, developmentally disabled, penally incarcerated and aging. Prerequisite(s): HHP 327 and HHP 281 and 329 with a C or better in each course.

HHP 404. Policies, Procedures and Practices in Recreation (4 credit hours)

A comprehensive examination of policy and best management practices governing the management of recreation, parks and leisure service systems. Prerequisite(s): HHP 200, 280 and 285 with a “C” or better in each course.

HHP 407. Internship in Recreation and Leisure (6 credit hours)

The student will spend one semester working (400- 480 hours) with the administrative staff of an existing recreation agency where he or she will assist and take part in planning staff meetings, budgets, in-service training, etc. Prerequisite(s): HHP 404 with a “C” or better. For Recreation majors only.

HHP 408. Leisure Education and Counseling

The course will prepare students to work with individuals and groups, helping them to assess their leisure interests, attitudes, behavior and skills.

HHP 460. Research and Evaluation

This course introduces various quantitative and qualitative techniques and methods used in recreation and leisure research including the development of program evaluations. Prerequisite(s): Senior standing.

HHP 490. Professional Development Seminar (1 credit hour)

This class will provide professional development assistance to students getting ready to complete their internship the following summer. It will also serve as the capstone class for recreation majors to present their final recreation portfolios. Successful completion of this course is required before students may enroll in HHP 407. Prerequisite(s): Taken in the semester before HHP 407 (Recreation majors only. Written permission of Instructor only.)

HHP 499. Special Topics (1-3 credit hours)

An upper division course designed for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

Tourism Specialization

HHP 170. Introduction to Travel and Tourism

This course provides an interdisciplinary introduction to the concepts, methods and practices of travel and tourism.

HHP 199. Special Topics (1-3 credit hours)

A lower-division course designed for a topic of current interest, including televised courses. Prerequisite(s): As stated for each offering.

HHP 250. Special Interest Tourism

The class is an exploration of customized tourist experiences that satisfy specific individual interests. A sample of special interest topics covered are: adventure tourism, ecotourism, sex tourism, sports tourism, the 'gay' market, the 'grey' market, backpacking, health tourism, rural tourism, dance music tourism and cultural tourism.

HHP 299. Special Topics (1-3 credit hours)

A lower-division course designed for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

HHP 390. Customer Service and Workplace Etiquette

This class introduces the importance of developing customer service skills and proper workplace etiquette in the tourism industry. Development of a program beyond the classroom setting will be required. Prerequisite(s): HHP 180 with a "C" or better.

HHP 395. Tourism, Conventions and Event Management

This course provides the fundamentals of event management. Development of or volunteering for a local tourism event will be required beyond the classroom experience. Prerequisite(s): HHP 180, HHP 200, HHP 360 with a "C" or better in each course.

HHP 399. Special Topics (1-3 credit hours)

An upper-level course for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

HHP 470. Marketing in Travel and Tourism

This class includes the application of the principles, practices and strategies of marketing as they relate to the tourism industry. Prerequisite(s): HHP 180.

HHP 485. Sustainable Development

Study of the historical and ecological perspectives giving rise to sustainability as a model for economic development, environmental protection and social justice around the

world. This course examines the theoretical foundations and management practices that have come to define sustainability as an objective for development. The course reviews management principles of natural resource and human capital inputs lending themselves to development efforts meeting the needs of the present generation without compromising the ability of future generations to meet their own needs. Students will examine the positions of both critics and advocates for sustainability as they relate to environmental justice, ecological integrity and economic development. Prerequisite(s): ENG 102 and three hours of Natural Science

Sports Studies

HHP 140. Sports History (2 credit hours)

This course will examine the development of competition in the human condition from its inception, into organized forms of sport, to the highly developed enterprise that has emerged in contemporary times. Observations of the influence of culture and history on this development are central to the presentation and content of this course.

HHP 199. Special Topics (1-3 credit hours)

A lower-division course designed for a topic of current interest, including televised courses. Prerequisite(s): as stated for each offering.

HHP 220. Coaching Methodology I (2 credit hours)

This course provides an introductory examination. Learning and practice of the coaching profession including philosophy development, practice planning, communication and safety concerns. This course serves as an entry level coaching course and is an additional required course in several states for individuals to coach at the high school level. Upon successful completion of this course, the student will be certified by the NFHS. This course is not sufficient alone to coach sports at the middle school or high school level in the state of West Virginia. Prerequisite(s): HHP 140 and PSYC 151, or SOC 101 with a C or better in each course.

HHP 340. Energy Source and Body Composition

This course examines the metabolic requirements needed for a variety of physical activity, as well as the impact that physical activity, training and scientifically directed nutrition can have on one's body composition and human performance. Prerequisite(s): BIOL 210 and HHP 327 (HHP 327 and 340 can be taken concurrently).

HHP 350. Research in Physical Activity

This course is designed to be an introductory experience for the research consumer, as well as the research producer in the health sciences. This course emphasizes developing conceptual understanding of using the scientific method as a means of problem solving, both as a critical customer and as an entry-level researcher. Prerequisite(s): Senior standing.

HHP 399. Special Topics (1-3 credit hours)

An upper level course for a topic of special current interest, including televised courses. Prerequisite(s): As stated for each offering.

HHP 400. Exercise Testing

This is a lab experience course taken concurrently or after HHP 327 and 430. Labs will be designed to reinforce knowledge/skills taught in HHP 327 and 430 courses. Students will be given the opportunity to practice coach/athlete trainer/client interaction during the course. Prerequisite(s): HHP 327 or currently enrolled in HHP 430.

HHP 420. Sports Law and Ethics

Ethical theories along with negligence law, contract law and constitutional law as they apply to sport and sport governance will be discussed. As a result of completion of this course, the student will be aware of their individual obligation, responsibilities and legal rights in terms of coaching and training decision-making and ethical moral judgment. Prerequisite(s): ENGL 102 and junior standing.

HHP 430. Developing and Implementing Strength and Conditioning Programs

Key concepts developed in this course include the components of physical fitness, and how to analyze and creatively design fitness programs that apply neuromuscular and cardio respiratory physiological knowledge in the administration of pre-season, in-season and off-season programs for a variety of athletic teams at different levels of competition. In addition, creative program design will be conducted addressing concerns with adolescents, elderly populations and individuals suffering from chronic disease such as cardiovascular disease, diabetes, COPD, and cancer. Prerequisite(s): BIOL 210 and HHP 327 with a "C" or better in each course.

HHP 440. Coaching Methodology II (2 credit hours)

This course serves as the capstone course for the Bronze Level Coaching Education Program, in place nationally, by the American Sport Education Program. Upon successful completion of this course, the student will be a certified Bronze Level (highest level); this coaching achievement is set forth by the American Sport Education Program. Furthermore, at the completion of this course, students will be eligible to coach middle school and/or high school athletics in the state of West Virginia. All students in this course are subject to background checks if they apply for coaching positions upon completion. Prerequisite(s): HHP 140, HHP 220, 327, 331; PSY 151; SOC 101 with a "C" or better in each course.

HHP 450. Internship in Sports Studies (12 credit hours)

This course serves as a capstone opportunity for the senior level Sports Studies student to apply cognitive, psychomotor and affective competencies learned throughout their studies within the Sports Studies Program. Each student will work and learn with an existing sports business, sports

education/instructional program or sports team in the surrounding community (480 clock hours). Prerequisite(s): Student must have completed all course work within the designed Sports Studies Curriculum with grades of "C" or better in all courses. With special permission, the student may be taking no more than two courses to complete their degree while completing their internship.

Health & Human Performance Faculty

Anderson-Conliffe, Debra (1977), Assistant Professor of Health and Human Performance. B.S. West Virginia State College; M.S. University of Tennessee, 1979. Areas of research: Pedagogy.

Banks, Oree (1977), Associate Professor of Health and Human Performance. B.S. Kansas State University; M.S. Kansas State University, 1960. Areas of research: Substance abuse.

Bradley, Matthew (2015) Instructor of Sport Studies. B.S. University of Charleston; MAT Marshall University, 2004. Areas of research: Youth Strength Training and Baseball Specific Training.

Good, Lindsey (2015) Program Coordinator and Instructor of Health Science. B.S. University of Charleston; M.S. California University of Pennsylvania, 2004. Areas of research: Body Image and Nutrition for Women.

King, Patricia (1996), Assistant Professor of Health and Human Performance. B.S. West Virginia State College; M.Ed. University of Central Oklahoma, 1989. Areas of research: Family and Community Health, Tobacco Prevention and Healthy Play Environments.

Richards, Steven (2008), Program Coordinator and Professor of Health and Human Performance. B.S. Bowling Green State University; M.S. Ohio State University; Ph.D. Ohio State University, 2006. Areas of research: Ecotourism Development.

Settle, Aaron (2005), Professor and Chairperson of Health and Human Performance. B.S. University of Charleston; M.S. Marshall University; D.S.M. United States Sports Academy, 2005. Areas of research: Metabolism and Energy Source, Anaerobic Activities and Heart Disease Prevention and Weight Room Risk Management.

Military Science

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Military Science, also known as Army ROTC, gives students valuable real-world tools and leadership skills that will not only benefit their professional career but the personal life as well. Army ROTC is an elective curriculum students take along with the required college classes for their respective major. It prepares students with the tools, training and experiences that will help them succeed in any competitive environment.

Along with great leadership training, Army ROTC can also aid in paying for college tuition. Students will have normal college experiences, but upon graduation they will receive a commission as a Second Lieutenant in the U.S. Army. As an officer in the U.S. Army one is a leader, a counselor, a strategist and a motivator. It is similar to being a vital manager in a corporation. As an officer, one will lead other soldiers in all situations, and adjust in environments that are always changing. Officers are driven to achieve success with their team whether in the Army or the corporate world.

Army ROTC is a one-of-a-kind experience. The challenges one faces and the obstacles one will overcome will prepare the person for future success. Army ROTC is one of the nation's top leadership programs, with many benefits to joining. Through Army ROTC students can:

- Compete for an Army ROTC scholarship
- Gain experience one cannot find anywhere else
- Gain the respect of one's peers and future employers
- Train to become a leader and manager

The Basic Course takes place during the first two years in college as elective courses. It normally involves one elective class and lab each semester along with the requisite physical training and field training exercises. Students will learn basic military skills, the fundamentals of leadership and start the groundwork toward becoming an Army leader. Students can take Army ROTC Basic Courses without a military commitment.

Freshman Year: Introduction to the Army Profession
Topics covered include:

- Introduction to Army Leadership
- Army Customs and Traditions
- Military Operations and Tactics
- Critical Thinking
- Time Management

- Goal Setting and Accomplishment
- Health and Physical Fitness

Sophomore Year: The Role of an Officer
Topics covered include:

- Applied Leadership Theory
- Communications
- Principles of War
- Military Operations and Tactics
- Mission Command

The Advanced Course takes place during the last two years in college as elective courses. It normally includes one elective class and lab each semester in addition to the required physical training and field training exercises, plus a summer leadership camp. Students will learn advanced military tactics and gain experience in team organization, planning and decision-making. To benefit from the leadership training in the Advanced Course, all cadets must have completed either the Basic Course or have attended the Leader's Training Course. Entering the Advanced Course requires a commitment to serve as an Officer in the U.S. Army after they graduate.

Junior Year: Leading Small Tactical Units
Topics covered include:

- Command and Staff Functions
- Law of War
- Weapons
- Team Dynamics and Peer Leadership
- Military Operations and Tactics

Senior Year: Transition to Becoming an Officer
Topics covered include:

- Training the Force
- Military Justice
- Ethical Decision Making
- Personnel Management
- Cultural Awareness
- Post and Installation Support
- Military Operations and Tactics

Advanced course students receive a \$450-\$500 per month for each month they are in school, for up to 20 months, and also incur a service obligation to the Army upon completion of the two-year advanced course. A student must maintain a minimum overall GPA of "C" (i.e., 2.00) in all classes including military courses in order to be considered for commission.

Military Science Suggested Course Sequence

Freshman Year

First Semester

MSC 101	2
MSC 103	1
MSC 150	1
Semester Total	4

Second Semester

MSC 102	2
MSC 104	1
MSC 151	1
Semester Total	4

Sophomore Year

First Semester

MSC 201	2
MSC 203	1
MSC 250	1
Semester Total	4

Second Semester

MSC 202	2
MSC 204	1
MSC 251	1
Semester Total	4

Junior Year

First Semester

MSC 301	2
MSC 303	1
MSC 350	1
Semester Total	4

Second Semester

MSC 302	2
MSC 304	1
MSC 351	1
LDAC	6
Semester Total	10

Senior Year

First Semester

MSC 401	2
MSC 403	1
MSC 450	1
MSC 490 (or an approved U.S. History course)	3
Semester Total	7

Second Semester

MSC 402	2
MSC 404	1
MSC 451	1
Semester Total	4

Military Science Course Descriptions

MSC 101. Leadership and Personal Development (2 credit hours)

A topical survey of military science that introduces the student to the organization of the U.S. Army, contrasting and comparing it with civilian organizations; introduces the student to the basic concepts of drill and ceremony; provides basic techniques to refine a student's listening, writing and speaking abilities; examines the nature of military law; explains the evolution of military heritage and standards of professional behavior; provides an overview of training management principles; and concentrates on building self-discipline and self-confidence. Co-requisite: MSC 103, MS Leadership Laboratory I; therefore, participation in the annual ROTC Hall of Fame Induction Ceremony is mandatory. Participation in a fitness class is optional except for contracted cadets.

MSC 102. Introduction to Tactical Leadership (2 credit hours)

A continuation of MSC-101. Students will learn to apply principles of effective leadership, which reinforces self-confidence through participation in physically and mentally challenging exercises with upper division ROTC students. This course also develops communication skills to improve the individual performance and group interaction; and relate organizational ethical values to the effectiveness of a leader. Co-requisite: MSC 104 Military Science Leadership Laboratories II. Participation in a physical fitness class and a weekend field training exercise is optional but highly encouraged.

MSC 103 and 104. Practicum in Military Training Management Laboratories I and II (1 credit hour)

This laboratory section is designed to offer the student an opportunity for integration and application of training management and leadership techniques. Team members and leadership positions are tailored based on the student's academic alignment. The course includes exercises such as rappelling, group presentations, basic marksmanship, drill and ceremony, field training, etc. Co-requisite: The appropriate military science course, MSC 101 or 102. Contracted MSC-100s and 200s; must also take the appropriate fitness class, (i.e. MSC 150 or 250). Cadets are required to attend the Battalion Mini-Exercise (normally a two-day event from Friday-Saturday).

MSC 150. Basic Physical Fitness and Conditioning I (1 credit hour)

Open to all students, but required of all contracted MSC-100 cadets or students. Students participate in and learn to lead a physical fitness program. Emphasis is on the development of an individual fitness program and the role of exercise and fitness in one's life. Leadership positions are tailored based on the student's academic alignment. Courses are mandatory for all MSC-100 level, four-year scholarship cadets. A designated course fee of \$30 is accessed to the account of

each student enrolled in the ROTC physical training classes. The fee will allow students enrolled in the physical training classes' unlimited use of the Fitness Center in the Wilson Student Union complex for the entire semester.

MSC 151. Basic Physical Fitness and Conditioning II (1 credit hour)

Open to all students, but required of all contracted MSC-100 cadets or students. Students participate in and learn to lead a physical fitness program. Emphasis is on the development of an individual fitness program and the role of exercise and fitness in one's life. Leadership positions are tailored based on the student's academic alignment. Courses are mandatory for all MSC 100-level, four-year scholarship cadets. A designated course fee of \$30 is accessed to the account of each student enrolled in the ROTC physical training classes. The fee will allow students enrolled in the physical training classes' unlimited use of the Fitness Center in the Wilson Student Union complex for the entire semester.

MSC 201. Introduction to Small Unit Leadership (2 credit hours)

Students will learn and apply ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams. The course focuses on the development of skills in oral and written communications, teamwork, planning events, coordination of group efforts, advanced first aid, land navigation, and basic military tactics. Prerequisite(s): All MSC 100-level classes, prior military training, or permission from the Professor of Military Science.

MSC 202. Practicum in Military Training and Tactics (2 credit hours)

Students are introduced to individual and team aspects of military tactics in small unit organizations. The class compares the actions of small organizations in the process of developing strategy and tactics, while taking into account theoretical, political, economic and physical factors. They continue to develop leadership and critical skills. Prerequisite(s): All MSC 100-level classes, MSC 201, 203, and 250, prior military training, or permission from the Professor of Military Science.

MSC 203 and 204. Practicum in Military Training Management Laboratories III and IV (1 credit hour)

This laboratory section is designed to offer the student an opportunity for integration and application of training management and leadership techniques. Team members and leadership positions are tailored based on the student's academic alignment. The course includes exercises such as group presentations, basic marksmanship, drill and ceremony, field training, etc. Co-requisite: The appropriate military science course, MSC-101 or 201. Contracted MSC 100s and 200s must also take the appropriate fitness class, i.e. MSC 150 or 250. Cadets are required to attend the Battalion Mini- Exercise (normally a two-day event from Friday-Saturday).

MSC 210. Leader's Training Course (LTC) (6 credit hours)

A six-week summer camp conducted at an Army post. The student receives pay. Travel cost, lodging and meals are defrayed by the Army. The environment is rigorous and is similar to Army Basic Training. No military obligation is incurred. Open only to students who have not taken the sequence of MSC 101, 102, 201, 202, 103, 104, 203, 204, 250, or 251. Entry also requires students to pass a physical examination (paid for by ROTC). Completion of MSC 210 qualifies a student for entry into the Advanced Course. Seven different training cycles are normally offered during the summer, but spaces are limited based on the needs of the U.S. Army. Candidates can apply for a space anytime during the academic year prior to the summer of intended participation. Qualifying students are also eligible to compete for ROTC scholarships during the summer camp.

MSC 250 and 251. Basic Physical Fitness and Conditioning III and IV (1 credit hour)

Open to all students. Students participate in and learn to lead a physical fitness program. Emphasis is on the development of an individual fitness program and the role of exercise and fitness in one's life. Leadership positions are tailored based on the student's academic and military science alignment. Course is mandatory for all MSC 100/200 level scholarship cadets.

MSC 301. Leading Small Organizations I (2 credit hours)

Series of practical opportunities to lead small groups, receive personal assessments, encouragement and lead in situations of increasing complexity. Cadets will use small unit offensive and defensive tactics and experience opportunities to plan and conduct training for lower-level students both to develop skills and as vehicles for practicing leadership. Prerequisite(s): MSC 100 and MSC 200-level classes, and/or Completion of Basic Training, and/or approved by the Professor of Military (PMS), etc. Co-requisites: MSC 303 Advanced Course Leadership Laboratory I, and MSC 350 Advanced Physical Fitness Training and Conditioning I. Participation in a Battalion level weekend FTX/Mini-Exercise (Mini-EX) is mandatory.

MSC 302. Leading Small Organizations II (2 credit hours)

Continues methodology of MSC-301. Course focuses on the skills necessary to analyze tasks and prepare both written and oral guidance for team members in the accomplishment of tasks. Cadets will delegate and supervise tasks, plan for and adapt to the unexpected or unfamiliar situations in organizations under stress, and examine the importance of ethical decision making in setting a positive climate that enhances team performance. Unless otherwise advised by the respective instructor, Prerequisite(s): MSC 301, 303, and 350. Co-requisites: MSC (304) and 351.

MSC 303 and 304. Advanced Course Leadership Laboratories I and II (1 credit hour)

Open only to students in the associated Military Science (MSC) lecture course. Different leadership roles are designed for students at different levels of the program. The course involves leadership responsibilities for the planning, coordination, execution and evaluation of various training and activities with basic course students and for the Reserve Officers' Training Corps (ROTC) program as a whole. Students develop, practice and refine leadership skills by serving and being evaluated in a variety of responsible positions. Cadets bound for the LDAC (Leadership Development and Assessment Camp) will attend the Battalion Field Training Exercise (FTX) / Mini-Exercise (Mini-EX) and the Brigade Joint Field Training Exercise. Co-requisite: The appropriate military science course, MSC 301 or 401 and an advanced conditioning class MSC 350 or 450.

MSC 310. ROTC National Advanced Leadership Camp (6 credit hours)

A 32-day camp conducted at an Army post. Required of all students seeking a commission who have completed MSC-301, 303, 350, 302, 304 and 351. The student receives pay, travel, lodging and most meal costs are defrayed by the U.S. Army. The LDAC environment is highly structured and demanding, stressing leadership at small unit levels under varying, challenging conditions. Individual leadership and basic skills performances are evaluated throughout the camp. The leadership and skills evaluations at LDAC weigh heavily in the subsequent selection process that determines the type of commission and job opportunities given to the student upon graduating from college, the ROTC program and subsequently their commissioning.

MSC 350 and 351. Advanced Physical Fitness Training and Conditioning I and II (1 credit hour)**Physical Fitness and Conditioning:**

Students will participate in and learn to plan and lead physical fitness programs. Develops the physical fitness required of an officer in the U.S. Army. Unless otherwise approved by the Professor of Military Science (PMS), open only to, and required of students in MSC 301, 302, 401 and 402.

MSC 401. Leadership Challenges and Goal-Setting (2 credit hours)

Cadets plan, conduct and evaluate activities of the ROTC cadet organization. They must articulate goals and put plans into action to achieve or exceed established goals. They assess organizational cohesion and develop strategies to improve it. Cadets learn and apply various Army policies and programs in this effort. Prerequisite(s): Completion of all MSC 300-level classes. Co-requisite: MSC 403 and MSC 450.

MSC 402. Transition to Lieutenant (2 credit hours)

Continues the methodology of MSC-401. Students identify and resolve ethical dilemmas and refine counseling and motivating techniques; examine aspects of tradition and law as related to leading as an officer in the Army. Cadets prepare for a future as a successful Army lieutenant.

Prerequisite(s): Completion of all MSC- 300 level classes in addition to MSC 401, 403 and 450. Co-requisites: MSC 404 and 451.

research: Human Resources, Fitness Training and Conditioning and Organizational Dynamics.

MSC 403 and 404. Advanced Course Leadership Laboratories III and IV (1 credit hour)

Open only to students in the associated Military Science (MSC) lecture course. Different leadership roles are assigned to students at different levels of the program. The course involves leadership responsibilities for the planning, coordination, execution, and evaluation of various training and activities with basic course students and for the ROTC program as a whole. Students develop, practice, and refine leadership skills by serving and being evaluated in a variety of responsible positions. Co-requisite: The appropriate military science lecture course, MSC-401, MSC-402, and an advanced conditioning class MSC-450 or 451.

MSC 450 and 451. Advanced Physical Fitness Training and Conditioning III and IV (1 credit hour)

Students will participate in a physical fitness program to learn techniques for developing a fitness program and lead physical fitness. Develops the physical fitness required of an officer in the U.S. Army. Open only to, and required of students in MSC-401, 402, or those seeking a minor in Military Science.

MSC 490. Military History of the United States (3 credit hours)

Study and application of military history through classroom instruction, directed readings, oral and written presentations. This class will incorporate multiple presentations on leadership examples throughout history, battle analysis, a closer look at Operations Orders and their use as a leadership tool, and/or a Military Staff Ride to a local battlefield. The seminar will include classes, directed readings, and both oral and written presentations on such topics as national security, logistic management, military law, ethics and analytical models for decision-making.

Prerequisite(s): Junior or senior ROTC standing, pursuant of an academic minor in Military Science, or special permission from the Professor of Military Science.

Military Science Faculty

Spears, Derrick (2014), Professor of Military Science. B.A. Xavier University of Louisiana; M.B.A. Webster University, 2006. Areas of research: Leadership Theory, Organizational Dynamics and Military Operations.

Kinsey, Bill (2013), Recruiting Officer. B.A. University of Tennessee; M.A. Marshall University, 1999. Areas of

Social Work

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Social Work is one of the oldest human service professions. It uses the social and behavioral sciences to understand and help individuals, families, groups and communities realize their full potential. Students in the Social Work program learn professional values, master a broad range of knowledge about individuals, social systems, human diversity, social policy and generalist practice theory; and develop skills related to analysis and problem solving, communication, research and generalist practice. The program helps students to integrate theoretical material from the classroom with the practical supervised field experience of working directly with individuals, groups and communities.

The Social Work program at West Virginia State University is fully accredited by the Council on Social Work Education and leads to the Bachelor of Science degree in Social Work. Graduates are eligible to take the social work licensure examination in West Virginia and other states, depending on individual state laws. The program prepares students for beginning generalist professional social work practice.

Graduates of the program find employment in various human service settings such as hospitals, community mental health centers, nursing care facilities, children and family service agencies in both the public and private sectors, hospice and group homes, courts and probation, victim service programs and public welfare agencies. The program also provides a sound educational base for those who wish to pursue graduate education.

The course of study focuses on basic assumptions, values, principles and skills which underlie intervention with individuals, groups, families, communities and organizations; provides a comprehensive liberal arts foundation to enhance the student's understanding of the individual in reciprocal interaction with the environment; and includes courses in humanities, biological sciences, social and behavioral sciences and communication. Academic credit for life experience and previous work experience will not be given, in whole or in part, in lieu of the field practicum, or in lieu of courses in the professional foundation areas.

Admission to the Social Work Program

Students may declare Social Work as their major at any time during their collegiate careers. However, all Social Work

candidates must formally apply to the Department of Social Work for admission to the program. Students are then selectively admitted to the program, and only those formally admitted can enroll in the practice and field instruction courses.

To be formally admitted a student must meet the following standards and procedures:

- Completion of 45 hours of college credit with an overall GPA of 2.30
- Submission of the formal program application after successfully completing 45 hours
- A grade of C or better in English 101 and 102
- A grade of C or better in the required introductory course (S WK 131)
- A satisfactory rating in the S WK 131 field experience
- A grade of C or better in any social work course taken

Bachelor of Science in Social Work

120 hours required for graduation

General Education - 39-40 Hours

(Math Requirement: MATH 111 or 120 or BA 312)

Major - 48 Hours

Core Courses: S WK 131, 200, 202, 245, 316, 342, 400, 403, 404, 405, 406.

Select nine hours from S WK 205, 210, 298, 330, 350, 410, Sp. Top. 199, 299, 399 or 499.

Cognates - 15-16 Hours

EDUC 201; POSC 204; PSYC 151*, PSYC 200 or CJ 314; SOC 101*.

Electives

To bring total hours to 120

Information on formal admission to the program is available in the office of the Department of Social Work. Students who have not been formally admitted to the Social Work program cannot be permitted to register for the following field and/or practice instruction courses (S WK 316, 403, 404, 405, 406).

Note: Students majoring in Social Work are required to achieve at least a minimum grade of C in all Social Work courses. To graduate with a Bachelor of Science in Social Work, the student must have an overall GPA of 2.3.

*May be counted toward G ED Social Structures requirement.

Social Work Suggested Course Sequence**Freshman Year****First Semester**

G ED Written Communication I	3
G ED Oral Communications	3
G ED International Perspectives	3
S WK 131	3
G ED 101	3
Semester Total	15

Second Semester

G ED Written Communication II	3
G ED Arts	3
G ED Mathematics	3
SOC 101	3
S WK Elective.....	3
Semester Total	15-16

Sophomore Year**First Semester**

G ED History	3
G ED Natural Science	3-4
S WK 200.....	3
S WK 202.....	3
G ED Wellness.....	2
Semester Total	14-15

Second Semester

EDUC 201.....	3
PSYC 151.....	3
S WK Elective.....	3
G ED Scientific Reasoning	3-4
G ED Humanities	3
Semester Total	15-16

Junior Year**First Semester**

PSYC 200 or CJ 314.....	2-3
S WK 245	3
S WK Elective	3
Elective	3
Elective	3
Semester Total	14-15

Second Semester

S WK 316	3
S WK 342	3
Free Elective	3
Free Elective	3
POSC 204	3
Semester Total	15

Senior Year**First Semester**

S WK Elective	3
S WK 403	3
S WK 404	6
Elective	3
Semester Total	15

Second Semester

S WK 400	3
S WK 405	3
S WK 406	6
Elective (if needed).....	2
Semester Total	12-14

Social Work Course Descriptions

Note: All courses are three credit hours unless noted otherwise.

S WK 131. Introduction to Social Work

A study of the profession of social work: its history and role in the institution of social welfare. Examines the wide variety of problems social workers confront, the diverse clients they serve, the places they work, the knowledge and skills they use, the social programs they carry out and the philosophy and values they hold. Career opportunities in the profession are explored. Course entails volunteer experience in a social service agency. Open to non-majors.

S WK 199. Special Topics (1-3 credit hours)

A lower division course designed for a topic of current interest. Prerequisite(s): As stated for each offering.

S WK 200. Theories of Poverty

A study of factors and theories associated with poverty in America. Presents a historical survey of responses to poverty issues and problems, including the institution of public welfare. Examines preconceived beliefs about poverty and presents alternative ways of considering poverty and designing interventions. Open to non-majors.

S WK 202. Cultural Aspects

A study of the impact of cultural and ethnic diversity on human development and functioning in society. Presents models and theoretical frameworks useful for engaging, assessing and providing social services to members of varied cultures in a multicultural environment. Open to non-majors and may substitute for G ED 200.

S WK 205. Community Services

A study of public and private community agencies, their functions, policies, eligibility requirements and services. Students will learn about community resources and the rules and regulations which govern the provision of services, with an emphasis on the referral process and care management. Open to non-majors.

S WK 210. Children and Family Services

A study of the historical, theoretical, political and practical issues involved in the provision of services to children and their families. Course focuses on services and methods used to promote the positive development of children, as well as confront problems experienced by families. Assessment of child abuse, foster care placement, adoption services and parenting are explored. Open to non-majors.

S WK 245. Human Behavior and the Social Environment

A study of the social, cultural, ethnic, biological and emotional aspects of adult growth and development. Family life cycles, group influences, gender issues and lifestyles are examined. Prerequisite(s): SOC 101, PSYC 151, EDUC 201 or permission of instructor.

S WK 298. Current Issues in Human Services

A study of current issues affecting the social work profession and the delivery of social services. Issues are determined by the interests of the students. Open to non-majors.

S WK 299. Special Topics (1-3 credit hours)

A lower division course designed for a topic of current interest. Prerequisite(s): As stated for each offering.

S WK 316. Social Work Practice I

A study of the knowledge and skills needed for the development of effective helping relationships. Students will examine their own values as they learn interviewing and other intervention techniques used in social work practice. Prerequisite(s): admission to social work program, S WK 202 and 245, or permission of instructor.

S WK 330. Social Work Values and Ethics

A study of the values and ethics of the social work profession. The course uses the Code of Ethics of the National Association of Social Workers in studying ethical dilemmas faced by social work practitioners. Prerequisite(s): S WK 131.

S WK 342. Social Policy and Legislation

A study of the historical, philosophical, judicial and practical issues involved in the development and enactment of social welfare policies. Introduces analytical methods for evaluating social welfare policies. The course explores the role of the legislative process in the enactment of social policies. Open to non-majors.

S WK 350. Aging: Process and Services

A study of the physiological, psychological and sociological changes that occur as people age. The course explores common myths and stereotypes surrounding aging and highlights national and local services to the elderly. Open to non-majors.

S WK 399. Special Topics (1-3 credit hours)

An upper division course for a topic of special current interest. Prerequisite(s): As stated for each offering.

S WK 400. Methods of Social Work Research

A study of the research principles and methodologies used in social work. Students learn to evaluate research studies useful for social work practice and to evaluate the effectiveness of their own practice interventions. Prerequisite or co-requisite: PSYC 200 or CJ 314.

S WK 403. Social Work Practice II

A study of the principles of practice which guide the social worker in identifying problems, assessing situations, contracting with clients, planning interventions, evaluating outcomes and terminating services. The course helps students develop the analytical and interactional skills

needed in working with individuals, families and groups. Field instruction. To be taken concurrently with S WK 404. Prerequisite(s): S WK 316.

S WK 404. Field Instruction (6 credit hours)

This course integrates classroom theory and practice by placing students for 240 hours in an approved social service agency where they provide direct social work services under the supervision of a qualified field instructor to individuals, families and groups. Participation in a weekly seminar and concurrent enrollment in S WK 403 required. Grading is Pass/Fail. Prerequisite(s): S WK 316.

S WK 405. Social Work Practice III

A study of the impact of the organization and community on social work practice both as the context and focus of change. The knowledge and skills needed by the generalist practitioner in working with and within organizations and communities are explored. To prepare for beginning practice the student will also explore issues facing the new practitioner. To be taken concurrently with S WK 406. Prerequisite(s): S WK 403.

S WK 406. Advanced Field Instruction (6 credit hours)

Students enrolled in this course are placed in an approved social service agency for 240 hours under the supervision of a qualified field instructor. The student will have increased responsibility for providing services. Emphasis will be upon service activities such as policy making, program development, networking, public relations, research and other indirect service provision. Participation in a weekly seminar and concurrent enrollment in S WK 405 are required. Grading is Pass/Fail. Prerequisite(s): S WK 404.

S WK 410. Services to Veterans and Military Families

This course explores a wide range of issues affecting services to military personnel, veterans and their families. It provides students with a comprehensive overview of military culture and the military deployment cycle. The course considers the needs of active duty service members and veterans at different developmental phases of the military life course. The ways that these individuals cope with a range of physical health, mental health and psychosocial issues are examined with special attention given to stress reactions, including Acute Stress Disorder (ASD), Post Traumatic Stress Disorder (PTSD) and co-occurring disorders such as depression, substance abuse and intimate partner violence. Additional topics include family resilience, grief and loss, child and adolescent adaptation, caregiving, and associated policy issues. Psychological and social barriers to care are explored. Open to non-majors.

S WK 499. Special Topics (1-3 credit hours)

An upper-division course for a topic of special current interest. Prerequisite(s): As stated for each offering.

Social Work Faculty

Wamsley, Brenda R. (2004), Professor and Chair of Social Work. B.A. West Virginia Wesleyan College; M.S.W. West Virginia University; Ph.D. Case Western Reserve University, 2004. Areas of Research: Health, Aging and Veteran Services.

Brown, Rita M. (1996), Associate Professor of Social Work. B.S.S.W. West Virginia State College; M.A. Marshall University; M.S.W. West Virginia University, 1995. Areas of research: Child Welfare, Social Work Licensing and Social Work Practice Methods.

Mutepa, Raphael M. (2003), Ph.D., Associate Professor of Social Work. B.A. Universite Nationale du Zaire; M.A. Franciscan University; Ph.D. Virginia Commonwealth University, 2003. Areas of research: HIV/AIDS, Social Work Research Methods and Children and Families.

GRADUATE EDUCATION

Graduate Programs

The following information is general for all graduate programs offered at West Virginia State University. For specific guidelines and policies, please refer to the individual graduate program for more specific requirements.

Grading

The following grades are issued for graduate programs with the following GPA value:

A	4	Outstanding
B	3	Satisfactory
C	2	Unsatisfactory/Passing
D	1	Unsatisfactory/Below Average
F	0	Unsatisfactory/Failing

Other grades include:

S	Satisfactory
U	Unsatisfactory
IP	In Progress

In courses applicable to graduate degrees, only the grades A, B and S represent satisfactory scholarship.

A student is considered in probationary status and subject to dismissal if the cumulative scholarship in any work attempted in graduate status falls below a B average (3.0). The graduate program coordinator determines a student's eligibility to continue graduate study. If allowed to continue in probationary status, the student is required to make expeditious progress toward improvement in scholarship.

Grade Point Average (GPA)

To remain in good standing, students must maintain a graduate GPA of 3.0. Only courses required by the graduate program will be counted in the GPA. Undergraduate prerequisites or remedial courses taken after the bachelor's degree will not count toward the graduate GPA.

Academic Disqualification

A graduate student may be disqualified from continuing in the graduate program for a variety of reasons. The most common is failure to maintain the minimum cumulative grade point average (3.0) required to remain in good standing (note that some programs require a higher grade point average). Other examples include failure of examinations, lack of progress toward the degree, poor performance in core courses, etc. Probationary students (those with cumulative grade point averages below 3.0) are subject to dismissal upon recommendation of the graduate program coordinator.

Academic Warning, Probation, Dismissal

Conditions for incurring academic warning, probation or dismissal and procedures for appealing dismissal are specified within the University Catalog.

Incomplete Grades

The grade of Incomplete (i.e., I) is awarded at the discretion of the instructor upon the request of the student for coursework not completed because of a serious interruption not caused by the student's own negligence. Faculty members reserve the right not to award an Incomplete. An incomplete grade is not to be assigned to thesis credits to indicate that the coursework is in progress. The instructor sets conditions for completing the coursework and having a grade assigned. The coursework must be completed by the date decided by the instructor, but no later than the end of two semesters immediately following the semester in which the Incomplete was awarded. A student with two or more grades of I is not permitted to register until the coursework has been completed and the grade assigned.

Audit Grade (AUD)

A student wishing an audit grade in a course must officially register for the course. The student must also submit a written request to the instructor by the fourth week of class. The instructor's decision will be final and will be transmitted to the student in writing. A student may re-register for the course at a later date and receive a grade and academic credit.

Thesis/Project Work

In Progress (i.e., IP), Satisfactory (i.e., S) or Unsatisfactory (i.e., U) or letter grades may be assigned each semester for project and thesis work, since these grades do not imply approval of the thesis itself.

IP grades may be assigned in some graduate programs to signify adequate progress on theses and projects in which continuous registration is required. All IP grades will automatically be changed to S grades by the registrar upon notification from the department of final acceptance of the thesis or project and completion of all degree requirements.

Repeat Courses

Except for courses specifically designated as repeatable, for credit or requiring continuous registration (such as ongoing thesis research and writing) graduate students may repeat no more than two courses with no course being repeated more than once. The original grade will remain posted on the student's permanent record and both grades will be used to determine the student's GPA.

Active Status

Active status entitles students to utilize the University resources. Master's programs require a minimum of one credit hour enrolled per semester to maintain active status in the program.

Lapses in enrollment for three or more consecutive semesters require that the student apply for readmission subject to the admission procedures, criteria and policies in effect at the time the reapplication is made.

Thesis/Project Enrollment Requirement

Once enrollment in thesis/project credit is initiated, continuous registration for at least one credit hour each semester (including the summer term) is required until the thesis/project requirement is fulfilled.

Each graduate program must establish procedures to ensure that students in the program maintain satisfactory academic progress toward both the required grade point average and completion of degree requirements. Graduate students must be informed of these procedures at the time they are admitted. The graduate program coordinator is responsible for monitoring program compliance with this requirement.

Leave of Absence

A student who finds it necessary to be excused from registration in a graduate degree program for three or more consecutive semesters must formally request a leave of absence from the graduate program. The appropriate academic dean must approve leave time. Leave will be granted only under exceptional circumstances. Recipients of student loans should note that leave of absence constitutes a break in their program of study, resulting in loss of their loan repayment grace period and/or eligibility for student deferment. International students on F1 and J1 visas normally fall out-of-status during the period of a leave and must return to their home country during the leave.

When a student returns from a leave of absence, the student's supervisory committee and the student will mutually agree upon decisions concerning previous or current program of studies.

Graduation

The student is responsible for making certain that all requirements have been met and that every deadline is observed.

Each student who plans to graduate is required to submit to the Registration and Records Office an Application for Graduation. This form must be submitted before the end of the third week of classes of the academic semester in which graduation is expected. A graduation fee must be paid at the time of application. A student turning in the application for graduation after the deadline will not graduate until the following semester. A student who does not graduate at the end of the semester applied for must reapply for the semester of graduation. The graduation fee will be refunded or carried over as requested by the student. The academic advisor must sign the application for graduation form prior to being submitted to the Registration and Records Office.

A student denied graduation must complete the requirements for graduation and reapply for graduation. A student must be registered for the semester in which the degree is received.

The University will confer the master's degree when the following conditions have been met:

- Submission of the required application for graduation form;
- Certification by the academic dean that all requirements of the degree being sought have been completed;
- Achievement of the grade requirements as defined in the University Catalog;
- Achievement of the grade requirements established by the appropriate school or program for major and core courses, course sequences, and concentration; and
- Satisfactory completion of a thesis or project.

No student shall be approved for graduation before the dean of the college offering the degree has certified to the registrar that all academic requirements have been met. The registrar must promptly notify the candidate and the school if graduation is not approved for any reason.

Time Limitations

Graduate students must complete their degrees within five years from the date of matriculation. Transfer credit must be based on graduate work completed within the five-year period immediately preceding matriculation*. Applicants for readmission whose last enrollment in the program was five or more years prior must have their transcripts re-evaluated by the graduate program coordinator and an academic advisor. Some courses may need to be repeated or some additional coursework required.

* Students may apply to revalidate credit taken more than five years prior to matriculation, if coursework is relevant to the degree and if approved by the graduate program coordinator.

Transfer Credit

Students may apply for transfer of a maximum of six graduate credits to be used toward the requirements of the degree*. Ordinarily, these transfer credits will satisfy elective requirements only. Transfer credit must be based on graduate work completed within the five-year period immediately preceding matriculation. A Petition for Transfer Credit Form should be filled out by the student and deposited with a transcript at the graduate program coordinator's office. Prospective graduate transfer students should meet with the graduate program coordinator or faculty advisor at the point of matriculation in their West Virginia State University graduate program to determine how credits previously earned might transfer into that program.

Students requesting a transfer of credit are obligated to make the case for the courses in question. If the requested transfer is for a graduate-level course equivalent to one of our own courses, this is usually not an issue and the transfer petition can be handled routinely. If the requested transfer is for a graduate-level course not equivalent to a West Virginia State University graduate course or from a field different than that of their graduate program (e.g., a Psychology or Computer Science course which might fit into the Media Studies

Graduate Education

program), the student should provide the graduate program coordinator with:

- (1) a copy of the syllabus of the course in question; and
- (2) a written rationale for how the course makes an essential contribution to their program of study. Other information may be requested as needed.

* An exception may be made for students who have previous media studies coursework at Marshall University taught by West Virginia State University faculty. These students may transfer up to 18 hours if approved by the graduate program coordinator.

Biotechnology

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 Biotechnology Graduate Program
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The goal of the Master's Degree in Biotechnology is to provide instruction in the broad field of biotechnology, as well as specialized training in the current concepts and technological advances of a sub-discipline of biotechnology. The Master of Science Degree in Biotechnology prepares students for careers in the biotechnology, pharmaceutical, health care and agricultural industries. The Master of Arts Degree in Biotechnology is also suitable for students who do not need a research-based degree. The program core is a two-semester sequence emphasizing current concepts and techniques in biotechnology. The remainder of the program consists of two curriculum tracks: organismal/environmental biotechnology and molecular/microbial biotechnology. The program is interdisciplinary and allows students the flexibility to create a plan of study focused on their career goals and personal interests.

Admission Requirements

General Master of Science and Master of Arts Admission Requirements

- Undergraduate degree from an accredited college or university with a strong background in biological sciences and physical sciences
- Overall undergraduate GPA of 3.0 on a 4 point scale
- Overall Natural Science GPA of 3.0 on a 4 point scale
- Minimum GRE General Test scores of 150 quantitative and 140 verbal
- TOEFL score of 80 IBT for students whose native language is not English
- Three letters of recommendation that address the applicant's academic competencies
- Letter of support from a research mentor who has agreed to sponsor the student (only required for students applying for the Master of Science program)

Applicants who do not meet the above requirements may be granted Conditional Admission by the Biotechnology Graduate Committee.

Specific Master of Science and Master of Arts Program Requirements

Biotechnology Program Core Classes for both Master of Science and Master of Arts Degrees
 12 credits of core classes:

- BT 511 Biotechnology Seminar (two credits total): One credit for each of two semesters
- BT 555 Biostatistics (three credits)

- BT 567 Current Concepts in Biotechnology (three credits)
- BT 571, BT 572 Techniques in Biotechnology (four credits total): Two credits for each of two semesters

Master of Science Degree Requirements

- 30 total credit hours: 12 credit hours of biotechnology program core courses, 12 credits elective classes in one of two areas of concentration, and six credit hours of graduate research BT 695 Master's Thesis Research
- Thesis project must be approved by the Biotechnology graduate faculty
- Research advisor must be a member of West Virginia State University faculty
- Thesis committee composed of three faculty (one may be an external examiner)
- The advisor and the student's thesis committee will assist the student in developing the plan of study for the Master of Science degree and thesis proposal. The student's thesis committee must accept both.
- Two sections of graduate teaching experience minimum
- Oral defense of thesis and public presentation of thesis research

Master of Arts Degree Requirements

- 36 total credit hours: 12 credit hours of biotechnology program core courses; and 24 credits elective classes in one of two areas of concentration
- No thesis required
- Two sections of graduate teaching experience minimum
- Written and/or oral comprehensive examination over the core graduate coursework

Performance Standards

A normal course load is nine credit hours for full-time graduate students. General requirements for graduation vary depending on the option chosen. All students must complete coursework with a cumulative GPA of 3.0. Students must complete all requirements within a period of five years following the date of admission to the program. The Dean of the College of Natural Sciences and Mathematics may extend these limits upon recommendation of appropriate program faculty and approval of the Biotechnology Graduate Committee.

Biotechnology Program Areas of Concentration

Organismal/Environmental

Choose elective classes from: BIOL 510, BIOL 521, BIOL 550, BIOL 565, BIOL 575, BIOL 605, BIOL 635, BIOL 660, BIOL 671, BT 501, BT 598, BT 599, CHEM 512

Molecular/Microbial

Choose elective classes from: BIOL 550, BIOL 561, BIOL 660, BIOL 635, BIOL 671, BT 501, BT 598 and BT 599, CHEM 512, CHEM 525, CHEM 531, CHEM 533

Graduate Certificate in Biotechnology

The Certificate in Biotechnology has an intended audience of persons with undergraduate degrees seeking to improve upon their skills and knowledge base, but who do not have the time commitment required of a graduate degree program. Public high school science teachers and persons with science backgrounds wishing to retrain or enter the growing biotech workforce in West Virginia are expected candidates.

The certificate is earned by completing and passing the following courses (*12 credits total*):

- BT 511 Biotechnology Seminar (taken twice), one credit each
- BT 555 Biostatistics, three credits
- BT 567 Current Concepts in Biotechnology, three credits
- BT 571 Techniques in Biotechnology I, two credits
- BT 572 Techniques in Biotechnology II, two credits

A student may count no more than two final grades of C toward the certificate, and must have a GPA of 2.5 or better in these 12 credits.

Entrance requirements are: an undergraduate degree in a related field, an undergraduate GPA of at least 3.0 on a four-point scale, TOEFL scores where appropriate of at least 550 (or at least 70 on the computer test), and approval of the Biotechnology Graduate Faculty. The Biotechnology Graduate Faculty may, under special circumstances, waive any of the other entrance requirements including course prerequisites. It is understood that students entering the Graduate Certificate in Biotechnology program must have a current knowledge of the fields of Cell Biology/Physiology, Genetics (Classical and Molecular) and Chemistry (at least three semesters of college-level Chemistry).

Course transfers and course substitutions are to be decided by the Biotechnology Graduate Faculty, with the certificate candidate being responsible for providing any supporting documentation. No more than four credits may be transferred from another institution.

Students may apply these courses (with acceptable final grades) taken in previous semesters to certificates to be awarded in Fall 2011 or later. It is understood that students earning the Master of Science or Master of Arts degree in Biotechnology may not also earn the Certificate in Biotechnology. All courses to be applied to the Graduate Certificate in Biotechnology must be completed within five years of the semester in which a student starts the program.

Biotechnology Graduate Course Descriptions

BT 501. Seminar for Teaching Assistants (1 credit hour)

This elective course will introduce graduate students to the teaching profession. The course focuses on the structural organization of the academic institution, selected techniques in teaching, issues in the classroom, and current literature in higher education. There will be selected readings, exercises and guest speakers. Class meets one hour per week. A maximum of one credit of the course may be applied toward the course requirements of the Biotechnology Master of Science or M.A. degrees. Prerequisite(s): Admission to graduate program or permission of instructor.

BT 511. Biotechnology Seminar (1 credit hour)

This is a graduate-level seminar course involving a literature search and written and oral presentations of biotechnology research. Includes evaluation of presentations by off-campus professionals, faculty and peers. Two class hours per week. Prerequisite(s): Admission to graduate program.

BT 555. Biostatistics (3 credit hours)

An introduction to statistics emphasizing its application in biological investigation. Topics include central tendencies, dispersion, normality, confidence intervals, probability, parametric and non-parametric tests of hypothesis (including tests of independence and goodness of fit, correlation, regression, t-test, ANOVA, ANCOVA and planned and unplanned comparisons), the relationships between effect size, power and sample size, and fundamentals of experimental design. Two lecture and two lab hours per week. Prerequisite(s): Math 101 or Math 121; admission to the program.

BT 567. Current Concepts in Biotechnology (3 credit hours)

Recent developments in animal, plant, environmental and microbial biotechnology, including the engineering of biological processes from molecular to ecosystem-level scales. Lecture/discussion format. Three class hours per week. Prerequisite(s): Admission to the program.

BT 571. Techniques in Biotechnology I (2 credit hours)

The first in a two-semester laboratory series, this course includes a broad scope of protein, RNA and DNA protocols providing experience in the manipulation of macromolecules and transformation of microbes. Emphasis is on building the skills and intellectual framework necessary to work in the biotechnology field. Six class hours per week. Prerequisite(s): Admission to graduate program.

BT 572. Techniques in Biotechnology II (2 credit hours)

This is the second course in a two-semester laboratory series. This course includes numerous organism-specific techniques of culture, propagation, maintenance and study. These exercises provide training in bioinformatics, plant and animal genetic engineering, bioreactors and fermentation, research microscopy and cytogenetics, aquaculture,

immunology and molecular diagnostics. Six class hours per week. Prerequisite(s): BT571 or equivalent; admission to the program.

BT 590. Graduate Research (1-4 credit hours)

An independent research topic designed by the student with the assistance of a graduate faculty advisor who supervises the project. The topic should be acceptable to the advisor and the chair. Limited to specific problems in the biotechnology field. A maximum of four credits of BT 590 may be counted toward a Master's in Biotechnology. Variable contact hours. Prerequisite(s): Admission to Biotechnology Graduate Program and permission of instructor.

BT 591. Graduate Independent Study or Research (1-4 credit hours)

An independent research topic designed by the student with the assistance of a graduate faculty advisor who supervises the project. The topic should be acceptable to the advisor and the chair. Limited to specific problems in the biotechnology field. Available after fulfilling four credit hours of BT 590. Variable contact hours. Course is graded pass/fail only. Prerequisite(s): Admission to Biotechnology Graduate Program and permission of instructor.

BT 592. Graduate Library Research (2 credit hours)

Extensive library research techniques in a particular biological area. Staff assigns a topic and supervises the project. A maximum of two credits of BT 592 may be counted toward a Master's in Biotechnology. Prerequisite(s): Admission to Biotechnology Graduate Program and permission of instructor.

BT 598. Industry Internship in Biotechnology (1-3 credit hours)

Experience in the biotechnology industry through work at an industrial site or government agency. Arrangement determined by industry/government partner in conjunction with the student's graduate committee. Prerequisite(s): Admission to graduate program; approval of graduate committee.

BT 599. Special Topics in Biotechnology (1-4 credit hours)

An in-depth study of special topics proposed by members of the Biotechnology graduate faculty. Open to graduate students. Prerequisite(s): Graduate status.

BT 695. Master's Thesis Research (1-9 credit hours)

An independent research project designed by the student with assistance from the Thesis advisor and acceptable to the Thesis committee. Variable contact hours. Course is graded pass/fail only. Prerequisite(s): Admission to Biotechnology Graduate Program and approval of graduate committee.

Biotechnology Graduate Faculty

Chatfield, Mark (1993), Professor of Biology. B.S. Marshall University; M.S. Marshall University; Ph.D. Oregon State University, 1986. Areas of research: Biochemistry and Physiology of Plants.

Collins, Sean A. (2005), Assistant Professor of Biology. B.S. St. Lawrence University; M.S. University of Illinois; Ph.D. University of Illinois (2003). Areas of research: Molecular Biology and Genomics of Vespid Wasps.

Eya, Jonathan C. (1999), Professor of Biology. B.S. University of Nigeria, Msukka; M.S. University of Nigeria, Msukka; Ph.D. Auburn University, 1997. Areas of research: Nutrigenomics of Food Fishes.

Ford, Richard (2001), Associate Professor of Biology. B.S. Indiana University of Pennsylvania; B.S. Clarion University of Pennsylvania; M.S. Miami University (Ohio); Ph.D. Miami University (Ohio), 1993.

Hankins, Gerald (2005), Associate Professor of Biology. B.S. Florida State University; M.A. George Washington University; Ph.D. University of Virginia, 1991. Areas of research: Molecular Genetics of Tumors and Screening of Natural Products for Anticancer Activity.

Harper, Katherine L. (1987), Professor of Biology. B.S. West Virginia University; M.S. West Virginia University; Ph.D. West Virginia University, 1986. Areas of research: Molecular Genetics of Tumors.

Harris, Robert T. (1995), Professor of Biology. B.S. Marshall University; M.S. Ohio University; Ph.D. Ohio University, 1992. Areas of research: Molecular Biology of Smooth Muscle Cell Contraction.

Huber, David H. (1999), Professor of Biology. B.S. Central Michigan University; M.S. Michigan State University; Ph.D. Michigan State University, 1996. Areas of research: Microbial Ecology of Anaerobic Digesters.

Liedl, Barbara E. (2001), Associate Professor of Biology. B.S. Purdue University; M.S. University of Minnesota; Ph.D. University of Minnesota, 1989. Areas of Research: Breeding Tomatoes for Greenhouse and High Tunnel Production with Improved Pest Resistance and Investigating Reproductive Barriers between Species.

Nimmakayala, Padma (2004). Associate Research Professor Gus R. Douglass Institute. B.S. in Agriculture, Andhra Pradesh Agriculture University, India; M.S. in Plant Breeding and Genetics, Tamil Nadu Agriculture University, India; Ph.D. in Genetics and Plant Breeding, University of Agriculture Sciences, India, 1993. Areas of research: Genomics of Crop Plants.

Reddy, Umesh K. (2004), Associate Professor of Biology. B.S. Meerut University, India; M.S. Tamil Nadu Agriculture University, India; Ph.D. Osmania University, India, 1997. Areas of research: Genomics of Crop Plants and Arabidopsis.

Ruhnke, Timothy R. (1995), Professor of Biology. Biotechnology Program Coordinator. B.S. University of Nebraska; M.S. University of Nebraska; Ph.D. University of Connecticut, 1993. Areas of research: Morphology and Molecular Systems of Marine Tapeworms.

Sanjaya (2014), Assistant Professor of Biology. B.S. University of Mysore, India; M.S. University of Mysore, India; Ph.D. University of Mysore, India, 2003. Areas of research: Biochemistry And Molecular Biology of Primary Metabolism in Plant, Carbon Partitioning Into Industrial Products, Engineering Photosynthetic Organisms for the Production Bioenergy and Environmental Biotechnology.

Biotechnology Graduate Affiliate Faculty

Florian, Reyda (2014), Assistant Professor, State University of New York College at Oneonta. B.A. Augusta College (Illinois); M.S. University of Nebraska-Lincoln; Ph.D. University of Connecticut, 2007. Areas of research: Fish Parasitology; Taxonomy and Systematics; Biodiversity; Tapeworm Evolution and Host Specificity; Parasite Life Cycles, and Tropical Biology.

Perla, Venu (2014), Assistant Research Scientist, Gus R. Douglass Land Grant Institute. B.Sc. Marathwada Agricultural University (India); M.Sc. University of Agricultural Sciences (India); Ph.D. India Agricultural Research Institute (India), 1999. Areas of research: Molecular Physiology of Crop Plants.

Master of Science in Criminal Justice Administration

Dr. Walter Stroupe
 Chairperson
 525 Wallace Hall
 (304) 766-3315
 wstroupe@wvstateu.edu

The Master of Science degree in Criminal Justice Administration prepares students for careers in the field of criminal justice, and will enhance the careers of those already in the field. The program is designed as a cohort group to be completed within six semesters and includes an internship and final paper in the last semester. There are 12 required courses for a total of 36 hours. Students will be required to take two courses per semester for six consecutive semesters. These courses focus on administration, management, policy making, law and ethics.

Admission Requirements

- An undergraduate degree from an accredited college or university in a criminal justice, law enforcement or related field.
- Satisfactory completion of an undergraduate or graduate course in research methods and/or statistics prior to admission to the program.
- A minimum overall GPA of 2.7 on a 4.0 point scale with a MAT score of 380 or:
 - GPA of 2.6 and MAT score of 385
 - GPA of 2.5 and MAT score of 390
 - GPA under 2.5 and MAT score of 400 who demonstrate exceptional circumstances with approval of three of the graduate faculty
- GRE General Test Scores and/or Miller's Analogies test score at the 50th percentile.
- TOEFL Scores for students whose native language is not English.
- Three letters of recommendation which address the applicant's academic competencies, work performance and fitness to pursue this graduate degree.
- Satisfactory performance on Preadmission Interview.

Program Requirements

Students are responsible for knowing and fulfilling requirements for graduation. The University cannot assume responsibility for failure of students to fulfill catalog and curriculum requirements. If questions arise about requirements, students should consult with the appropriate department chairperson, college dean or the registrar several semesters prior to graduation. Participation in the commencement exercise is required.

Performance Standards

Universally, a normal course load for most graduate programs is nine credit hours for full-time graduate student status. However, for this cohort program approach, students will take six semester hours each semester and go year-

round. All students must complete coursework with a cumulative GPA of 3.0 on a 4.0 point scale. Students who accumulate more than two "C" grades will be dismissed from the program. Students must also complete all requirements within a period of seven years following the date of admission to the program. The Dean of the College of Professional Studies may extend these limits upon recommendation of the Criminal Justice Department Chairperson and approval of the Criminal Justice Department Graduate Committee.

Curriculum - 36 Hours Required

CJ 520 Introduction to Criminal Justice Administration
 CJ 530 Technology Applications for Criminal Justice
 CJ 540 Ethical Practices in Administration
 CJ 550 Law Enforcement and the Community
 CJ 600 Research Methods and Statistics in Criminal Justice
 CJ 610 Human Resource Management
 CJ 620 Leadership Psychology
 CJ 630 Planning Organizational Staff Development
 CJ 640 Strategic Planning and Policy Formulation
 CJ 650 Legal Aspects of Criminal Justice Administration
 CJ 660 Crisis Management, Homeland Security and Critical Incident
 CJ 680 Graduate Capstone Course for Criminal Justice

Course Sequence (tentative)

Fall

CJ 520 Introduction to Criminal Justice Administration
 CJ 540 Ethical Practices in Administration

Spring

CJ 530 Technology Applications for Criminal Justice
 CJ 550 Criminal Justice and the Community

Summer

CJ 600 Research Methods and Statistics in Criminal Justice
 CJ 610 Human Resource Management

Fall

CJ 620 Leadership Psychology
 CJ 630 Planning and Organizational Staff Development

Spring

CJ 640 Strategic Planning & Policy Formulation
 CJ 650 Legal Aspects of Criminal Justice Administration

Summer

CJ 660 Crisis Management, Homeland Security and Critical Incident
 CJ 680 Graduate Capstone Course for Criminal Justice

Requirements for Graduation

CJ 680, Graduate Capstone Course for Criminal Justice, is the capstone course in the program and is consistent with best practices for the academic capstone course defined by the Academy of Criminal Justice Sciences (ACJS). Students will write a final paper based on their internship experience.

Graduate Education

This paper will be completed instead of a traditional thesis. Included in the paper will be an analysis of a problem or issue, or set of related problems or issues, including proposed solutions to the problem or issue. This paper will be read by a three-person committee (i.e., two faculty members and a top management staff person) from the criminal justice agency in which the student completed the internship. This committee will either (1) accept the paper as written, (2) determine the paper is unacceptable but could be made acceptable with additions, deletions, or editing, or (3) determine the paper is unacceptable, and the student must complete the course again. Students will be permitted to complete the course only one other time after the initial unacceptable determination.

Two written comprehensive examinations in which students will choose from four comprehensive exam areas - research, law, administration and leadership. The examinations will be graded independently by two faculty members and the grade will be given as distinction, pass, or fail. If a student fails a comprehensive exam, the student can take it one more time. Once a student chooses the comprehensive exam areas, he/she cannot change the area after failing an exam.

To be recommended for graduation, a student must satisfy all of the pertinent requirements stated in this handbook, including the following:

6. A cumulative grade point average of 3.0 on all work attempted.
7. Completion of the 36 hours required in the curriculum, including the comprehensive exams.
8. The necessary residence requirement for a degree.
9. Payment of all outstanding financial obligations to the University.
10. Participation in Commencement.

Application for Degree

Every student must file an application for degree with the Registrar by the end of the fourth week of the semester in which the degree is to be conferred. Application forms are provided by the Registrar.

Criminal Justice Administration Graduate Course Descriptions

Note: All courses are three credit hours.

CJ 520. Introduction to Criminal Justice Administration

This course is an introduction to Criminal Justice administration focusing on the procedures, politics and human relations issues that criminal justice administrators must understand in order to succeed. Topics include administration theory, theories of motivation, organizational behavior, politics and police as components of the community, including the political, social and economic networks that compose police administration. Concepts and terminology of administration are covered as well as legal issues involving police administrators.

CJ 530. Technology Applications for Criminal Justice

This course focuses on techniques of data processing emphasizing applications to criminal justice. Students will increase their technical skills through hands on experiences, such as analyzing data. They will become more aware of the importance of SPSS in relation to criminal justice and research.

CJ 540. Ethical Practices in Administration

The course will examine ethical decision making at the administrative level. Three major ethical perspectives: virtue, formalism and utilitarianism will be presented, analyzed and discussed as it relates to administration. Ethics as it relates to law, police, courts and corrections, and liability in general will be analyzed and examined, as well as the future development of ethics. Critical thinking and ethical decision making in administration will be emphasized.

CJ 550. Criminal Justice and the Community

This course focuses on the criminal justice system as a component of the community, including the political, social and economic networks that make up communities. Topics include the interrelations between law enforcement, mental health agencies, juvenile justice and the educational systems. High-crime communities are studied, particularly in terms of the impact on citizens, those who are victimized and others who are not, but are afraid of their safety. The process of community change is addressed in terms of the prevention of crime.

CJ 600. Research Methods and Statistics in Criminal Justice

This course provides an introduction to methods of research in criminal justice. Topics include research development based on hypotheses and theories, data collection and analysis, interpretation of results and evaluation of studies.

CJ 610. Human Resource Management

This course focuses on managing resources in criminal justice agencies. Resources include personnel and funding.

Topics on human resources will include human resource flow, reward systems and work systems. Topics on funding will include budgeting, grants and the impact of policies.

CJ 620. Leadership Psychology

This course focuses on the leadership and management principles as applied to criminal justice agencies. Also emphasized are the important psychological processes that are involved in dealing with others. Understanding the importance of key psychological influences in human interactions is inextricably linked to success as an effective leader and manager.

CJ 630. Planning Organizational Staff Development

This course focuses on developing training within organizations and aligning training needs with organizational strategy. Topics covered will include learning, motivation and performance. This course will include training design and training methods including computer based training methods. Students will learn the importance of the development and implementation of staff training.

CJ 640. Strategic Planning and Policy Formulation

This course focuses on strategic planning and the process of policy formulation. The strategic planning and policy formulation as applied to Criminal Justice agencies must emphasize the importance of these processes being correctly implemented. The success of Criminal Justice administrators and agencies depend on these key concepts of administration being fully understood and implemented.

CJ 650. Legal Aspects of Law Enforcement Administration

This course focuses on the aspects of law which are relevant to Criminal Justice administration. Specifically reviewed are the laws that control police practices, court procedures, sentencing and corrections. The course will also examine regulatory state and federal laws regarding employment, discrimination, termination, equal opportunity, and wage and law issues.

CJ 660. Crisis Management, Homeland Security and Critical Incident

This course provides an overview of domestic and international terrorism. Philosophies, tactics and targets are discussed. The role of the Criminal Justice system in the prevention and response to terrorism is covered.

CJ 680. Graduate Capstone Course for Criminal Justice

This course is designed to give students the chance to apply the knowledge they have acquired throughout their education to real-world situations, and to encapsulate all the learning objectives of the program. In addition, students will prepare and take the final comprehensive examinations during this course.

Criminal Justice Administration Graduate Faculty

Addesa, Mark (1978), Assistant Professor of Criminal Justice. B.S. Niagara University; M.S. Eastern Kentucky University, 1978.

Kane, Michael J. (2010), Associate Professor of Criminal Justice. B.A. Pfeiffer University; M.S.F.S. National University; Ph.D. Union Institute and University, 2001. Areas of research: Rural Policing, Forensic Investigations and Ethical Philosophy.

Steele, Kerri (2013), Assistant Professor of Criminal Justice. B.A. Concord College; MSW Tulane University; Ph.D. University of Georgia, 2013. Areas of research: Behavioral health Indicators and Early Warning Systems, Substance Abuse, Homelessness.

Stroupe, Walter E. (2006), Associate Professor and Chairperson of Criminal Justice. B.S. West Virginia State College; M.S. Marshall University, Ed.S. Marshall University, Ed.D. Marshall University, 2003. Areas of research: Law Enforcement and Sex Crimes

Whyte, Cassandra B. (1982), Associate Professor of Criminal Justice. B.A. Fairmont State University; M.A. West Virginia University; Ed.D. West Virginia University, 1975. Areas of research: Locus of Control Counseling, Motivation and Achievement Personality, Leadership and Strategic Planning and Successful Treatment Programming for Offenders.

Master of Arts in Media Studies

Mr. Roger Echols
 Coordinator
 212 Cole Complex
 (304) 766-3028
 rechols@wvstateu.edu

The Master of Arts in Media Studies is an integrated, interdisciplinary program intended for students with a traditional undergraduate education and some experience in communications and digital media.

Students graduating with this degree, unique in West Virginia, are ideally suited to take advantage of the expanding job possibilities in graphic design, digital video production, interactive media and multimedia production, electronic publishing and online information services. Media Studies graduates are prepared for careers as communication experts in such venues as commerce and industry, education and entertainment, and government and the not-for-profit sector. Graduates are also prepared to continue work toward a doctoral degree. Students will graduate with design, technical and critical skills and will be well-equipped to address the many challenges faced by corporations, small businesses, government agencies, non-profit organizations and educational institutions as they venture into the digital millennium.

Admission Requirements

Students admitted to the Media Studies program must have:

- A bachelor's degree from a regionally accredited college or university
- Overall undergraduate GPA of 3.0 on a 4 point scale
- Minimum score of 950 on Graduate Record Exam (GRE)
- Three letters of recommendation addressing applicant's academic competencies
- Minimum TOEFL score of 550 for students whose native language is not English (The Test for Spoken English will also be required)
- Applicants who do not meet the above requirements may be granted conditional admission

Conditional admission may be granted during the last semester of a student's baccalaureate program. While it is preferred that applicants hold a baccalaureate degree in the humanities, the fine arts, or social sciences (preferably with some coursework in communications, film, videography, computer science, or Media Studies), applications are sought from graduates in any discipline who can demonstrate a serious and committed approach to the subject. Some undergraduate remediation may be necessary for students with minimal computer literacy and/or no previous coursework or experience in such areas as filmmaking, video production and mass media theory.

If a student in the Media Studies Program receives a final grade of C in two courses in the program (either media courses or other courses in his/her plan of study), that student will receive a letter of warning. If a student receives a third C in such courses, he/she will be dismissed from the program. A final grade of F in a course is grounds for dismissal from the program.

Academic Warning, Probation or Dismissal
 Students may appeal final grades as described (for undergraduate students) in the University Catalog.

The Media Studies Program does not tolerate academic/professional misconduct. Unacceptable behavior includes, but is not limited to, plagiarism, cheating, vandalism, etc. Should anyone be found to have engaged in such behavior, he/she will immediately be removed from the program, and the infraction will remain on file as part of that student's permanent academic record.

Master of Arts in Media Studies

36 hours required for graduation

Foundation Core Requirements

Nine hours. MS 500 (Digital Storytelling), MS 503 (Mass Communication Theory), MS 502 (Graduate Research and Writing)

Advanced Core Requirements

Six hours. Choose 1 (one) three-hour course at the 600 level from each of the two program concentrations (Digital Media, Media Theory & Criticism)

Concentration

Nine hours. Students choose three courses in one approved area of concentration. Six hours can be independent studies/directed research or readings courses.

Electives – Three hours. Any 500- or 600-level course.

Thesis/Project Requirement

Six hours. The thesis or project requirement requires students to conduct and complete independent research that is relevant to the theoretical issues and topics covered in the M.A. program and demonstrate familiarity with, and skill in, applying appropriate research methods. Alternatively, students can choose to complete a comprehensive media project, which may, for example, be relevant to their employment (e.g. as videographers, teachers, media specialists) as well as a detailed written evaluative report demonstrating its relevance to the program.

Concentration Options:

Digital Media
 Choose 3 courses from MS 510, 541, 543, 548, 560, 565, 600, 610, 630, 640, or 660.

Media Theory & Criticism

Choose three courses from MS 505, 515, 561, 635.

Media Studies Course Descriptions

MS 500. Digital Storytelling

A foundation course in the study and application of media aesthetic principles to visual media, utilizing digital imaging and manipulation technologies and software. Students will analyze and develop digital presentations containing graphics and text based on the principles of effective visual design for several screen formats. Theory will be integrated into practice through several guided projects, culminating in a major media design project published to CD, DVD and the web. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 502. Graduate Research and Writing

An entry-level graduate course designed to familiarize students with the basic tools and techniques to do acceptable graduate work. Emphasis will be given to critical methods of research, study, and writing. Required in the first year of graduate work in the Media Studies program. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 503. Mass Communications Theory

Students will learn about the structure, content, process and effects of communication, the contributions of other disciplines and barriers to effective communication. Students will explore the vibrant relationship between theory building, research and knowledge. Students will examine key theories in detail, considering their relationships with other theories and the insight they provide into human communication. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 505. Media Research

Introduction to quantitative and qualitative research procedures used in the social sciences and communications studies. Methods include experimental design, surveying, sampling, content and narrative analysis, as well as focus groups and interviewing techniques. Prerequisite(s): Admission to the Media Studies Graduate program or permission of the instructor.

MS 510. Digital Graphic Design

This course is designed to provide students with a comprehensive understanding of visual expression as a means of communicating information, and the technical skills to digitally translate information into visual communication. Emphasis is placed on the development of strong conceptual design skills, understanding the history and development of creative applications of technology, and the mastery of technical information to facilitate effective messages. Prerequisite(s): MS 500 or permission of the instructor. (*Note: Students are expected to have a working knowledge of basic design principles and to be familiar with the Mac platform.*)

MS 515. Public Relations Theory and Practice

This course will examine the application of communication, social and behavioral science theory and research techniques in the overall planning, programming, implementation, analysis and evaluation of public relations programs and campaigns. Emphasis will be placed on the identification and analysis of strategies as they are used and affect profit as well as non-profit organizations. Prerequisite(s): MS 505.

MS 541. Digital Video Production

This course will focus on narrative project conceptualization, scripting, storyboarding, production and postproduction utilizing digital video strategies, technology and software. Students, through individual projects, will apply narrative and media aesthetic principles in the production of a series of structured digital projects, culminating in a major narrative project. Prerequisite(s): MS 500 or permission of the instructor.

MS 543. Animation Production

This class consists of screenings, lectures and a series of projects that will introduce the student to animation production for film and video. The course focuses on the concepts, techniques and processes of producing an image, as well as surveying the history of the art form, international trends and recent developments in the industry. Prerequisite(s): MS 541.

MS 548. Screenwriting

This course is designed as a theoretical as well as practical approach to learning the art and craft of screenwriting. Students will study exemplary film through existing screenplays (on reserve), watch and analyze appropriate film works and find the commonalities of traditional writing styles/techniques as they relate to screenwriting while learning the specific technical aspects of writing for the screen. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 561. Media Law and Regulation

Students will learn the legal structure of radio, television, cable, satellite, Internet and other new media forms. Issues to be addressed include intellectual property laws, copyright, Internet regulations, First Amendment legislation and FCC law. Prerequisite(s): Admission to the Media Studies Graduate program or permission of the instructor.

MS 565. Producer's Seminar

A theoretical and practical study of the art and craft of the film/video producer. The student will become familiar with the role of the producer and what function he/she performs in the various visual, audio, and multimedia production formats. Lectures, readings, guest visits, and assignments will address the producer's role in feature and short narrative, documentary, commercial, industrial, educational and art film and video making. Radio (commercial and public) as well as music production will also be included.

Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 570. Theories of Visual Communication

This course is a critical, philosophical and historical exploration of images as the objects of visual communication. Broadly defined to include still and moving images, graphic design, typography and also visual phenomena such as fashion, professional and political posture and interaction, visual communication is rooted in basic principles of perception and visual interpretation. Exploring various theories about the structures and uses of visual communication, students will also investigate how the social world is constructed, represented and contested in visual discourse. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 600. 3D Design

This class is a workshop in 3D computer animation production. The class will consist of screenings, lectures and hands-on projects designed to provide an overview of the history, practices and aesthetics of computer-generated images (CGI). While the primary focus of the course is 3D computer animation; the course will also introduce students to a variety of software packages for editing, titling, image processing, audio processing, 2D animation and compositing. Prerequisite(s): MS 500.

MS 601. Critical Approaches to Media Studies

In this critical studies course, students will learn how to apply quantitative and qualitative analytical tools to mass-mediated texts as they look for embedded cultural and political meaning within our media. Students will learn critical theory and apply that theory as they deconstruct the media products they confront on a daily basis. Students will uncover embedded messages in broadcast news and advertising, print articles and advertising, film, television shows and websites. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 635. Race, Gender and Media

This course will examine and analyze the role played by the U.S. mass media (newspapers, magazines, film, radio and television) in establishing, facilitating and confronting the social constructs of race, gender and ethnicity. The primary focus of the course is on contemporary media; however, they will be examined within their historical context. Prerequisite(s): MS 501 or permission of the instructor.

MS 640. Interactive Media

This course will focus on the theory and practice of designing, recording and editing still and motion images and text in interactive/nonlinear formats. Students will read and report on pertinent theory and apply it in the production of interactive media exercises, culminating in a major digital interactive media project. Theory will be put into practice utilizing digital technology and software. Prerequisite(s): MS 500 or permission of the instructor.

MS 645. Film Theory

This course will examine various theoretical approaches to viewing, analyzing, producing and writing about film. Students will read and discuss theories about the language of film; narrative, dramatic and descriptive strategies; the representation of a reality; the medium of film - image and sound in motion; film artists; genres and conventions, especially in relation to postmodernism; the psychology of the spectator; economic and industrial factors in film production; social and ideological subtexts; and nonlinear approaches to narrative and filmmaking, such as hypertext. Readings will include a range of primary texts on film and narrative theory. In-class screenings will allow students to apply various theories to a variety of films. Prerequisite(s): Admission to the Media Studies graduate program or permission of the instructor.

MS 655. Film History

Motion picture films have a history of approximately 115 years. We may divide the films produced in this time-frame into three types: narrative, nonfiction - including documentary - and experimental. This course will provide an examination of exemplary films, directors, styles, genres, movements, studios, national cinemas, technologies as well as historical, cultural, economic and political contexts of the films studied. This course is designed to provide Media Studies graduate students with an adequate foundation in narrative, documentary and experimental film history, directors, styles, etc. This foundation will prepare them to successfully research, plan, and implement their theses/projects - the culmination of each one's Master's degree. Instruction and learning will be accomplished through the screening and discussion of films, and the reading and discussion of published articles and portions of books. A few selected films will be screened in class, with the majority of them screened out of class via whatever source media the students decide to access. This out-of-course access is the responsibility of the students. Prerequisite(s): MS 500, MS 501, and MS 502; or permission of the instructor and graduate program coordinator.

MS 670. Seminar in Media Studies

Areas of study not normally covered in other courses. Topics vary from semester to semester. Prerequisite(s): Permission of the instructor.

MS 695. Integrated Media Management

This course applies management principles and practices to the effective organization of different media agencies, firms and/or systems, including broadcast stations, cable systems, public relations agencies, etc. Current research and models in telecommunications administration, economic planning and control, merchandising and positioning, sales and advertising will be reviewed, as well as case studies and current problems in research, planning, operations, administration and evaluation. Prerequisite(s): Completion of 15 credits in Media Studies M.A. Program.

Graduate Education

MS 696. Independent Study

Students may not take this class more than two times.
Prerequisite(s): Permission of the instructor.

MS 698. Media Studies Thesis I 1-3 Hours

Prerequisite(s): Permission of graduate advisor.

MS 699. Media Studies Thesis II 1-3 Hours

Prerequisite(s): Permission of graduate advisor.

Media Studies Graduate Faculty

Boyd, Daniel N. (1983), Assistant Professor of Communications. B.A. West Virginia University; M.A. University of Arkansas, 1981. Areas of research: Scriptwriting, International Cinema.

Broughton, Robin (1991), Professor of Communications. B.S. Ohio University; M.A. Ohio University, Ph.D. Ohio University, 1999. Areas of research: Mass Media, Media Law, Media Theory and Criticism, New Media.

Echols, Roger (2014), Instructor of Communications. B.S. Communications West Virginia State University; M.S. Integrated Marketing Communications West Virginia University Marketing Communications, 2013. Areas of research: Marketing Communications, Filmmaking.

Ford-Ahmed, Trevella (1998), Professor of Communications. B.F.A. Art Institute of Chicago; M.A. New York University; Ph.D. Ohio University, 1995. Areas of research: Public Relations, Writing for the Media.

Gilliland, Steven A. (1986), Assistant Professor of Communications. B.A. University of Arkansas; M.A. University of Arkansas, 1981. Areas of research: Filmmaking, Animation.

Ladner, Barbara (1991), Professor of English. B.A. Rice University; M.Phil. Yale University; Ph.D. Yale University, 1987. Areas of research: Appalachian Literature.

Øvrebø, Reidun (1992), Professor of Art. Cand. Mag. University of Trondheim; Ph.D. Ohio University, 1993. Areas of research: Art History, Interdisciplinary Arts.

Porter, Marc (1998), Professor of Communications. B.A. Indiana University; M.F.A. Columbia University; Ph.D. Indiana University, 1986. Areas of research: Film Appreciation, Filmmaking.

Woodard, Scott E. (2006), Dean, College of Arts and Humanities, Associate Professor of Music. B.A., Marshall University; M.A., Marshall University; D.M.A., Boston University, 2014. Areas of research: Instrumental Conducting, Music History; Russian Music History.

Ziyati, Ali (2011), Professor of Communications. D.I.P.L. Higher Institute of Journalism; M.A. Ohio University; Ph.D. Ohio University, 1995. Areas of research: Public Relations, Mass Communications.

Master of Public Administration

Dr. Michael Pennington
 Program Director
 102 Hill Hall
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 mpenin1@wvstateu.edu

The Political Science Program in the College of Business and Social Sciences offers a Master of Public Administration (MPA) degree for those interested in public management and service. The MPA curriculum prepares students for careers in the public sector and offers those already in public service the opportunity to enhance and hone their competencies.

Utilizing a cohort model, this MPA is specifically geared towards busy professionals. Potential students include public service professionals interested in enhancing their credentials, those seeking a career change and recent college graduates.

Students with relevant professional experience will complete the Program in 36 credit hours, while pre-professional students will be required to take an additional six credit hours of internship for 42 credit hours. In order to graduate with the degree in Public Administration from WVSU, every student must complete all coursework with a cumulative grade point average of 3.0 on a 4.0 scale. Students who accumulate more than two “C” grades will be dismissed from the WVSU MPA.

Program Objectives

The objective of the MPA program at WVSU is to develop public administrators and policy analysts to become visionary leaders in public service. Graduates will be able to:

- Formulate and analyze policy initiatives.
- Apply appropriate business management practices to the public and non-profit sector.
- Analyze competing policy proposals by utilizing evidenced-based decision-making.
- Evaluate the quality of public policy proposals.

Admission Requirements

Students admitted to the program must have:

- A completed application
- A minimum undergraduate GPA of 2.70
- Standardized test scores from exams (GRE, GMAT, LSAT or MAT) completed no more than seven years prior to the application submission to the program
- The candidates who earned a bachelor’s degree from an accredited college or university and achieved a cumulative GPA of 3.0 or higher are eligible to waive the standardized test requirement

- Candidates who have experience working as a manager or an administrator of a company or government agency can request to waive the standardized test requirement
- A current resume or curriculum vitae
- Two recommendation letters
- Demonstrate knowledge of American Government
- At least one course in statistics or research methodology
- All candidates for whom English is not their native language must take either the Test of English as a Foreign Language (TOEFL) or the IELTS Exam. On the TOEFL, a minimum of score 500 (paper-based exam), 173 (computer-based), or a 61 (Internet-based) is required. On the IELTS, a minimum score of a 6 is required. These candidates may choose to submit the TOEFL or IELTS exam. Graduates of English speaking universities will have TOEFL requirements waived
- Applicants can be granted conditional admission

Curriculum

The MPA curriculum is divided between core courses, which are required for all students graduating with an MPA, and elective courses. Students will be able to choose between the elective courses offered to better structure the program of study to suit individual needs. The core courses are designated based upon National Association of Schools of Public Administration and Affairs (NASPAA) standards for accreditation of public administration programs. The WVSU MPA curriculum is designed to be in line with NASPAA standards. The courses are also divided between two areas of concentration. The administration and management courses focus on the executive side of public administration while the policy and research courses focus on measuring the impact of public policy. Graduates will have a mastery of the skills necessary to serve in leadership positions in the public sector as well as the analytical policy skills necessary to develop, implement and evaluate the impact of public policies.

Administration and Management Courses:

- MPA 600 Introduction to Public Administration
- MPA 605 Public Policy Process and Analysis
- MPA 610 Human Resource Management in the Public Sector
- MPA 615 Research Methods for Public Affairs
- MPA 620 Public Accounting, Budgeting and Financial Management
- MPA 625 Statistical Analysis for Public Affairs
- MPA 630 Organizational Theory and Behavior
- MPA 640 Economic Analysis for Public Administrators
- MPA 650 Contemporary Issues in Public Administration Seminar
- MPA 655 Capstone Research Experience

Master of Public Administration Course Descriptions

MPA 600. Introduction to Public Administration (3 credit hours)

This course will introduce the student to the field of public administration. It is an exploration of the foundations of the system. It begins with how intergovernmental relations impact local program management and administration. The major areas covered are historical and constitutional aspects of federalism, intergovernmental relations, public policy making in a federal system, regulation in the intergovernmental context, and ethical decision-making within the public realm. Students will become familiar with the legal, ethical and political foundations of the discipline and the current theories regarding its practice.

MPA 605. Public Policy Process & Analysis (3 credit hours)

An analysis of the policy making process with emphasis on the various factors that influence the content and consequences of public policy. A discussion of intergovernmental relations, private and public interactions, and how an understanding of each shapes policy is necessary. The course will highlight specific issues that are crucial to the practice of public administration.

MPA 610. Human Resource Management in the Public Sector (3 credit hours)

This course will examine the traditional and contemporary human resource management apparatuses for the public and non-profit sector. The course explores these systems in relation to the institutions and individuals involved. The course discusses the complexities of the five categories of the human resource systems, namely political appointees, professional careerists, general civil service, unionized workers and contractual employees. Emphasis will be placed upon the inherent value to the role each one plays within the functions of government.

MPA 615. Research Methods for Public Affairs (3 credit hours)

This course is an introduction to the concepts and methods relating to public administration and affairs research. The course will expose the student to the role of theory in research, forming hypotheses and research questions, identifying variables, and gathering and analyzing statistical data. Emphasis will be placed upon developing good writing skills, gathering and operationalizing data, using computers for basic statistical evaluation.

MPA 620. Public Accounting, Budgeting & Financial Management (3 credit hours)

This course will examine the standard practices of accounting, budgeting and financial management in the public and non-profit sector. Topics to be addressed include revenue streams, expenditures, operating budgets, short- and long-term budgetary decision-making, capital budgeting, the

preparation and interpretation of budgetary reports, and the analysis of budgetary forecasts. Special emphasis will be placed on the utilization of best practices in accounting and financial decision-making, the analysis of budget cycles, and the ability to produce budgets in standard formats.

MPA 625. Statistical Analysis for Public Affairs (3 credit hours)

Building upon what the students learned in 615, students will undertake a practical opportunity to apply quantitative analysis to a problem or question facing the field of public administration. The students will execute a semester-long research project and produce a professional quality report on said project.

MPA 630. Organizational Theory and Management (3 credit hours)

This course introduces students to the principles and practices of organization theory and management relevant to the public administrator. It will address organizations as complex systems and emphasize the management of organizational structure, processes and change in the public and non-profit sector. Leadership, planning, organizing and controlling complex organizations will be emphasized.

MPA 635. Program Evaluation and Performance Measurement (3 credit hours)

The course introduces the student to the basics of program evaluation and performance measurement in public administration and affairs. The student will learn the foundations of professional judgment when assessing programs. Special emphasis will be placed upon the organizational and methodological skills involved in program evaluation and performance measurement in public administration based on the analysis of quantitative and/or qualitative data.

MPA 640. Economic Analysis for Public Administrators (3 credit hours)

This course will introduce the student to the theories and concepts of economics as related to public administration and public policy analysis. While viewing economic considerations as both a tool of public administration and an input into the public policy making process, this course will examine the importance of scarcity and resource allocation in the public realm, the use of both cost-benefit analysis and statistical tools of economic analysis in assessing the relative value of competing policy proposals, as well as the economics of monopolies, oligopolies and competitive firms in the marketplace.

MPA 645. Contemporary Issues in Public Administration (3 credit hours)

This course will introduce the student to the most pertinent topics and literature regarding public policy, particularly the policy that is critically connected to public administration. The course will consider notions of policy intentions and outcomes. The relevant policy topics will be presented using

practical examples and case studies. This approach will require the student to critically engage the policy through standard approaches of analysis and problem solving.

MPA 650. Contemporary Issues in Public Administration Seminar (3 credit hours)

This course will introduce the student to an examination of the most important and topical issues in public administration, paying particular attention to the newest trends in public management theory and practice as well as ethical considerations related to the field. The course is designed to integrate and synthesize the information and knowledge gained throughout the students' time in the MPA program.

MPA 655. Capstone Research Experience (3 credit hours)

This course will connect and synthesize all of the MPA coursework and extant academic preparation to the student's professional career. The student will utilize the theories, the critical thinking skills, and the statistical methodologies as well as the policy analysis, ethics, and managerial skills to engender an understanding of their role and approach to public administration.

Master of Public Administration Graduate Faculty

Pennington, Michael. (2015), MPA Program Director and Associate Professor of Political Science. B.A., West Virginia State University; 1997. M.P.A., West Virginia University, 1998; Ph.D. Texas A&M, 2008. Areas of research: Human resources management, regulatory policy and economic development.

Vaughan, Frank D. (2006), (2008), Chair, Department of Social and Behavioral Sciences, Associate Professor and Program Coordinator of Political Science. B.A, Emory and Henry College; M. A., West Virginia University; Ph.D., West Virginia University, 2006. Areas of research: The Resolution of Civil Wars and American Political Development.



ENROLLMENT MANAGEMENT & STUDENT AFFAIRS

Enrollment Management & Student Affairs Information

Enrollment Management and Student Affairs exists to enhance the academic mission of the institution by providing academic support services, co-curricular involvement opportunities, productive living environments, necessary financial assistance, meaningful career guidance and much more. The Enrollment Management and Student Affairs staff works diligently to ensure student success through a variety of specialized departments: Admissions, Career Services and Cooperative Education, Counseling and Academic Support Services, Dining Services, Student Financial Assistance, Health Services, Leadership, Mentoring, Judicial Affairs, New Student Programs, Adult and Commuter Student Services, Military Student Services, Residence Life, Student Life and Engagement.

All students are encouraged to become familiar with these departments and become involved in the campus community. The West Virginia State University Student Handbook, "The Buzz," provides additional information about Student Affairs' resources and campus policies/procedures. The Enrollment Management and Student Affairs office is located in 130 Ferrell Hall. The telephone number is (304) 766-4101.

Career Services

Career Services and Cooperative Education Office

The Career Services and Cooperative Education Office strives to provide services that support the intellectual, personal and social development of students. The services prepare students to achieve satisfying careers by offering programs to assist in the career development process and to facilitate experiential learning, thus enabling students to negotiate the dynamics of the global job market.

The office offers services in the areas of career planning, job search assistance, testing and job placement for the Federal College Work-Study Program, and the Cooperative Education program.

Career Planning: Career planning assists students with academic and career decisions through self-evaluation, career exploration and research, and the development of personal and professional goals. The following services are included in career planning: individualized career counseling, career inventories, personality assessments, computerized career guidance systems and an online career library. A career counselor is available for individual appointments and all services are confidential.

Job Search Assistance: Staff assists students seeking employment through referrals, job fairs and access to hundreds of employers with jobs and internships. To access these opportunities students will need to log into Jobweb from their MyState account. A career counselor is available,

by appointment, for individual assistance with résumé development, interviewing skills and job search strategies. In addition, instructional publications and handouts are available in 216 Wallace Hall. Office personnel assist students in applying for admissions to graduate and professional schools.

Testing Program: The office administers the Test for Credit Program. Students with strong academic backgrounds (e.g., ACT score 25+) and/or those interested in self-study may want to accelerate their academic program by taking national standardized tests. West Virginia State University through the College Level Examination Program (CLEP) and DSST program offers more than 50 standardized tests for which eligible students who receive certain minimum scores can receive academic credit.

Information and administration of the ACT is available through this office. Information about the Praxis Series examinations and graduate and professional school tests is also available.

Federal College Work-Study Program: The work-study program gives students the opportunity to work on campus or at an off-campus community service site for above minimum wage. Most of the assignments involve working in an office doing computer work, answering telephones and making referrals to other services and offices on campus. The off-campus experiences range from working with after-school programs, serving as a teacher's aide, to assisting at a community daycare center. In order to participate in this program, a student must be awarded college work-study funds as part of their financial aid package.

Cooperative Education Program: Cooperative Education is an academic program designed to integrate classroom learning with professional applications and experience under the supervision of professional practitioners. Further, the program is designed to enhance education and the local economy by providing students with opportunities for practical experience at a work site and providing businesses, agencies and industries with skilled employees.

The Career Services and Cooperative Education Office is located in 216 Wallace Hall. For more information contact (304) 766-3250 or visit the office website.

Counseling & Academic Support Services

Counseling and Academic Support Services (CASS) is a multi-office unit within Enrollment Management and Student Affairs that provides a variety of services and programs intended to assist students as they pursue their academic goals. Any West Virginia State University student, whether enrolled full- or part-time, is eligible to request services from this unit. These services are provided in a confidential manner and at no charge. The unit is located on the first floor of Sullivan Hall, East. Specific offices include:

Mental Health Services: CASS provides counseling for personal concerns, including anxiety, adjustment to college, depression, stress, misuse or abuse of alcohol or other drugs and other issues is available to all registered students at no charge. Referrals to area agencies and practitioners are made for those who need more specialized or long-term care. We help students address and resolve personal issues so that they can make the most of their educational opportunities at West Virginia State University.

The Disability Services Office: It is the policy and practice of West Virginia State University to comply with the Americans with Disabilities Act, Section 504 of the Rehabilitation Act, and state and local requirements regarding individuals with disabilities. No qualified individual with a disability shall be denied access to, or participation in, services, programs and activities of West Virginia State University. The office is located at 123 Sullivan Hall, East.

Guidelines: Verification and Documentation of Disabilities - the Disability Services Office provides individualized services for students with documented disabilities. Students shall be provided appropriate services and accommodations based on the recommendations made by a licensed health care professional who is qualified to diagnose the impairment. A student with a physical, sensory, psychiatric or health-related disability must provide documentation verifying a disabling condition which impacts the function of a major life activity by a licensed health care professional who is qualified in the diagnosis of the disability and is currently or recently (i.e., not older than five years) associated with the student prior to receiving accommodations.

The cost of obtaining the professional verification or any additional documentation is the responsibility of the student. If the initial verification is incomplete or inadequate to determine the present extent of the disability and/or reasonable accommodations, the Disability Services Office staff may request supplementary documentation or an assessment of the disability.

Procedure: Newly admitted students with disabilities that anticipate seeking accommodations are requested to complete an Application for Services upon admission to the University. The form is downloadable from the CASS website, or available from the Disability Services Office. Continuing students should complete a new Application for Services form at the beginning of each semester. All Students requesting disability services or accommodations are encouraged to meet with their academic advisor for course selection then meet with the Disability Services counselor

prior to registering for classes so that assistance with scheduling courses can be provided. After completing each term's registration, new and continuing students requesting services must complete an Application for Services form at least one week prior to the date the services are to begin. If short-term assistance becomes necessary, a separate Service Schedule form should also be completed.

After appropriate application for services has been completed and documentation of the student's disability has been submitted the disability services counselor will work with students and their physician on an individual basis to determine appropriate services and accommodations. *Note:* West Virginia State University and the Disability Services Office will assume that no services or academic accommodations are needed if an Application for Services form is not completed each semester.

The Academic Assistance Office: The Academic Assistance Office provides the following academic support services: appointment-based tutoring, walk-in tutoring, online tutoring services, academic workshops and academic coaching. The office is located in 117 Sullivan Hall, East.

Peer Tutoring by Appointment: Peer tutoring is done by West Virginia State University students who have had the course, been recommended by an instructor, and have completed a tutor training course to help students master the course material. Tutoring is available in math, English and writing assignments, business, natural sciences, social sciences and foreign languages.

Walk in Math Tutoring: Walk-in tutoring is available for most mathematics and science classes in the TAP Room located across from the Public Safety Office on the first floor of Wallace Hall in room 117. The TAP Room opens at 9:30 a.m. and tutoring is generally available from 9:30 a.m. until 7 p.m. Monday through Thursday, and until 3 p.m. on Fridays. Tutors help students with class content, reviewing course materials and exam preparation.

Walk in Writing Center: Walk-in tutoring for any writing assignment is available in the Drain-Jordan Library.

Smarthinking Online Tutoring: Smarthinking is an online tutoring service available to all West Virginia State University students. Smarthinking provides tutoring in mathematics (i.e., basic math through calculus, including bilingual math, biology, intro human a & p, chemistry, organic chemistry, physics, economics, accounting, intro to finance, statistics, Spanish and writing.

Enrollment Management and Student Affairs

For introductory math classes tutoring is available 24/7. The schedule for all other classes is available at www.smarthinking.com. With Smarthinking students can:

- connect with an e-structor;
- interact with a live tutor;
- submit writing assignments for any class to their at the online writing lab; and
- submit a question and receive a reply from a tutor.

Accounts for newly enrolled students will be set up the first week of the semester. The username is the student's complete West Virginia State University e-mail account and the password for all University students is **wvstate**.

Learning Effectiveness Workshops: Learning itself is a skill that can be improved. Workshops and individual sessions are available to help students develop strategies to make studying more efficient and more effective. Sessions are available in note taking, test preparation, memory and time management.

The Mental Health and Substance Abuse Office: Services include confidential individual and/or couples counseling, group counseling, psychological assessment/testing and workshops for students who seek help with personal, social, academic or career-related issues.

Students experiencing severe difficulties may be referred to community agencies for more specialized assistance. The office is located in 129 Sullivan Hall, East.

Students wishing to file a complaint of harassment or discrimination are referred to the University's Title IX website located at www.wvstateu.edu/titleIX.

Military Student Services

Military Student Services assists current and prospective students by identifying appropriate campus and community resources, enhancing military student transition to and from the University and providing comprehensive support to military students and veterans as they persist to graduation at West Virginia State University. The Military Student Services Center is located in 333 Sullivan Hall East. For more information, stop by or contact the center at (304) 766-3290.

Health Center

The West Virginia State University's Student Health Center is located in the Wilson University Student Union. The Health Center is an ambulatory care facility, which provides primary care for routine acute and chronic illnesses. The West Virginia State University Health Center offers health education, limited in-house laboratory services, reproductive consultation including contraception, specialty consultation referral, emergency contraception, limited STD screening and treatment and women's and men's health.

The health center staff consists of a physician, registered nurse and a licensed practical nurse. The health center hours are 8 a.m. to 4 p.m., Monday through Friday.

West Virginia State University's Student Health Center endeavors to promote optimal health and wellness so that the student can attain/maintain a healthy lifestyle thereby promoting success during their matriculation at West Virginia State University.

The West Virginia State University medical staff invites students to visit the health center, which is located on the basement level of the James C. Wilson University Union. The health center staff looks forward to helping students with their healthcare needs. As health educators, this department is an important aspect of each student's college success.

Staff in the health center can inform students about services, eligibility information, general health tips, privacy practices and student responsibilities. It is important to note that the registered nurse is not authorized to leave the health center facility during operational hours. Should a student require immediate medical attention and is physically unable to report to the health center, please call 911 and then (304) 766-3181.

Office Hours

Monday through Friday
8 a.m. - 4 p.m. (Nursing Staff)

The doctor's hours are Monday and Friday from 1 p.m. - 4 p.m. and Tuesday and Thursday from 12:30 p.m. - 4 p.m. No appointment is needed; students are seen on a walk-in basis.

Medical Insurance

Information about medical insurance plans are available in the health center in the University Union.

Campus Organizations

The total college experience is available at West Virginia State University through campus organizations that broaden and enrich the college experience. Organizations provide an opportunity for students to explore special interests and develop skills in interpersonal relationships. They also provide for the development of leadership and service in the community. Learning possibilities are available for students who desire or need such experiences outside the formal classroom.

West Virginia State University has over 50 recognized organizations that are academic, honor, service and social in nature. Meeting times and activities vary. Some provide learning opportunities; some are just for fun.

Students are encouraged to become involved in the numerous extracurricular organizations at West Virginia

State University. For additional information regarding campus organizations, contact the Student Activities Office, 106 Wilson University Union or call (304) 766-3288.

Student Life and Engagement

The Student Life and Engagement Office is located in room 103 of the James C. Wilson University Union. Through programs, services and facilities it is the focal point of campus where students, faculty, administration, staff, alumni and guests develop an enduring connection to the University. The Office assists in the development and retention of students, while allowing for understanding and appreciation of cultural pluralism and ethnic diversity. As a bridge between formal learning and life experience, co-curricular activities, programs and services offered through the Student Life and Engagement Office, serve as a training ground for the development of future leaders while enhancing an appreciation for responsibility.

The Student Life and Engagement Office provides a variety of cultural, social, educational and recreational activities, which create an environment conducive to personal growth and development. Activities also provide students with employment and leadership opportunities that promote interaction as well as relaxation, entertainment and social opportunities.

Some of the student organizations and opportunities for engagement available to WVSU students include:

Student Government Association

The Student Government Association (SGA) offers students the opportunity for self-governance and ensures them an active part in considering issues involving students. The SGA holds elections annually during the spring semester.

The SGA has three components: The Executive Council, the Senate and the Judiciary. The Executive Council, presided over by the SGA President, implements legislation approved by the Senate, establishes budgetary limits, confirms nominations by the President for submission to the Senate and assists the President in managing the day-to-day operation of the association. The Student Court assumes jurisdiction over disciplinary matters involving students charged with infractions of the Student Code of Conduct.

In addition to SGA, the freshman, sophomore, junior and senior classes have systems for electing officers and holding activities.

Academic Organizations

The following organizations are of particular interest to persons in certain majors: American Chemical Society Student Affiliates Chapter, American Society for Personnel Administration, DNA Science Club, Lambda Alpha Epsilon, Music Education National Conference, National

Broadcasting Society, Phi Beta Lambda, Public Relations Student Society of America, Recreation Majors Club and Student National Education Association.

Fraternities & Sororities

Fraternities and sororities contribute to social life on campus and their members often form lifelong friendships. The Greek letter organizations include Alpha Phi Alpha Fraternity, Alpha Kappa Alpha Sorority, Kappa Alpha Psi Fraternity, Omega Psi Phi Fraternity, Delta Sigma Theta Sorority, Phi Beta Sigma Fraternity and Zeta Phi Beta Sorority.

Service Organizations

In the category of service organizations are such groups as the Intervarsity and NAACP .

Academic Honor Societies

Recognition of scholastic accomplishment comes to students whose academic performance is of high enough quality to be eligible for membership in one of the following honor societies:

- Alpha Delta Mu-National Social Work Honor Society
- Alpha Epsilon Rho-National Broadcasting Honor Society
- Alpha Kappa Delta-National Sociology Honor Society
- Alpha Kappa Mu-Junior and Senior National Honor Society
- Alpha Mu Gamma-National Foreign Language Honor Society
- Alpha Phi Sigma-National Honor Society in Criminal Justice
- Alpha Psi Omega-National Honor Society in Dramatic Arts
- Beta Kappa Chi-Scientific Honor Society
- Delta Mu Delta-International Honor Society in Business Administration
- Kappa Delta Pi-International Honor Society in Education
- Lambda Iota Tau-National Literary Honor Society
- Omicron Delta Epsilon-International Honor Society in Economics
- Omicron Delta Kappa-National Honor Society
- Phi Alpha Theta-International Honor Society in History
- Phi Eta Sigma-Freshman National Honor Society
- Phi Sigma Alpha-National Honor Society in Political Science
- Psi Chi-National Honor Society in Psychology
- Rho Phi Lambda-National Honor Society in Recreation, Park, and Leisure Services
- Sigma Tau Delta-International English Honor Society

James C. Wilson University Union

The James C. Wilson University Union provides a food services area consisting of a cafeteria, food court and banquet rooms. The student union is home to the University Bookstore; game room and fitness center; university union and student government administrative offices; campus health center; campus radio station; student newspaper office; computer labs; meeting/committee rooms; and a large multi-purpose area.

As the primary meeting place on campus for students and their organizations, the Union's physical facilities are designed to provide a comfortable and relaxing environment that facilitates the delivery of services important to the University community.

Student employees and volunteers are an integral part of the University Union's operation. Their work experience is an important facet of their educational journey as well as a source of income and financial aid. A thorough training program is provided for part-time student employees and volunteers. Depending on their assignment, duties may include leadership development, facilitating group activities, honing communication skills and gaining direct career related work experience.

Every member of the University is a potential patron of the University Union programs, service and various operations. It is the goal of the University Union to meet the diverse needs of the University and community, to be receptive to and responsive to changing needs and to encourage the University and community to utilize the programs and services available to them through the University Union.

Residence Life & Services

West Virginia State University strongly believes living on campus contributes to the academic and personal development of the student. To provide for the residence life experience, the University operates two residence halls- Dawson Hall and the Keith Scholars Hall.

Housing Requirements

1. All unmarried freshmen and sophomores, who do not commute from the permanent legal residence of a parent, guardian, or grandparent within a 50-mile radius of the campus are required to live in a residence hall. This requirement is waived if the student:
 - a. has served two or more years in the U.S. Armed Forces or has completed the reserve obligation.
 - b. has lived in a college residence hall for six semesters.
 - c. has a physical disability which makes the University residence halls impractical.
 - d. is married, or a single parent or at least 25 years of age prior to admission.

- e. Part-time students will be allowed to contract for rooms in the residence hall on a space availability basis, but preference will be given to full-time students.

Food Service

The dining hall and food court are located in the James C. Wilson University Union and a café is located in the Judge Damon J. Keith Scholars Hall. All facilities are open to all students, faculty, staff and their guests. Residence hall students are required to participate in a dining plan. Beginning with the 2013-2014 academic year, first-time freshmen and new transfer students who enroll as commuter students are required to participate in the commuter meal plan.

The food service operation also includes a dining room and a banquet room used for special events. Catering services are available for parties and other occasions when meals or refreshments are to be served. Additional information regarding our food services operation along with a copy of the daily menu can be accessed via the University website.

OTHER UNIVERSITY RESOURCES

Academic Common Market

West Virginia residents who wish to pursue degree programs not available in the state may wish to investigate the Academic Common Market and contract programs. Both programs provide for West Virginians to enter out-of-state institutions at reduced tuition rates. West Virginia State University alumni may find the arrangements attractive when they are planning for graduate study. Contract programs have been established for study in veterinary medicine, optometry and podiatry. The Academic Common Market provides access to numerous graduate programs. Further information may be obtained through the West Virginia Higher Education Policy Commission.

Bookstore

The bookstore, located on the first floor of the James C. Wilson University Union, sells textbooks, supplies, electronics, West Virginia State University clothing, gift item and snacks. Books, clothing and gift items may be purchased in the store or online at bookstore.wvstateu.edu. Textbook rental is also available in the bookstore and a credit card is required for rentals. The list of rental books and important dates are on our website or Facebook page at www.facebook.com/wvsubookstore.

Financial aid can be used to purchase textbooks, supplies and electronics during certain designated periods at the beginning of the spring and fall semesters. The bookstore accepts credit cards, checks and cash. Students purchasing books with Financial Aid must bring a picture ID, preferably their West Virginia State University student ID, and their schedule. During the fall and spring semesters, the bookstore is open 9 a.m. to 6 p.m. Monday through Thursday and from 9 a.m. to 4:30 p.m. on Friday. During the summer, the bookstore is open 8 a.m. to 4 p.m. Monday through Friday. The bookstore can be reached via phone at (304) 766-3351 or email at bookstore@wvstateu.edu.

Center for Online Learning

The mission of the Center for Online Learning (COL) at West Virginia State University is to assist faculty members in the use of educational technologies that support their teaching and enhance the learning and retention of their students. The strategic functions and key operational focus of the center, derived from its mission, include the following five primary focus areas:

1. Administering and managing the University learning management system, West Virginia State University Online, and providing technical training and support to both faculty and students;
2. Providing instructional design support to faculty as well as training in the effective design and delivery of online courses,;
3. Promoting and facilitating the implementation of quality matters standards for online courses (a national

accreditation program and West Virginia Higher Education Policy Commission initiative) at the University and assisting the faculty in conducting self-reviews of online courses

4. Reviewing and reporting on developments in educational technology; and
5. Providing consultation on the selection of academic computer hardware and software as it relates to online learning.

Students who have questions about how to succeed in an online course or who require technical support for West Virginia State University Online should contact the Center for Online Learning.

How to Contact Us

Online Helpdesk: col.zendesk.com

Phone: (304) 766-3170

Email: col@wvstateu.edu

Lifelong Learning through Continuing Education

The Lifelong Learning through Continuing Education Program at West Virginia State University has the following objectives:

1. To provide adults with opportunities for personal enrichment and satisfaction through the stimulation of intellectual and cultural growth;
2. to provide adults with the skills, knowledge and insights required to update and improve their vocational and professional performance;
3. to provide adults with information and understanding needed to fulfill their responsibilities as citizens in society; and
4. to be responsive to the needs of communities in the West Virginia State University area and the organizations and agencies (i.e., public and private) that are located in these communities.

West Virginia State University appreciates the potential of continuing, lifelong education. It responds to the variety of reasons that will make increasing numbers of American adults enroll in continuing education programs.

Continuing Education designs programs, services and delivery systems to present comprehensive educational opportunities for adults associated with business, industrial, labor union, governmental, educational and voluntary organizations and agencies in the greater Charleston area. The principal programs, services and delivery systems are as follows:

Conferences, Institutes and Workshops are intensive, focused educational experiences that frequently extend over two or more days. The purpose of these programs is to create a learning activity away from the learners' day-to-day obligations. Conferences are offered year-round on-and off-

campus as determined by the needs and interests of the learning group.

Off Campus Classes are West Virginia State University credit courses offered for adult learners at convenient community locations such as training centers at work sites, local high schools and other accessible community meeting facilities suitable for instruction. These off-campus classes are taught by both full-time and adjunct faculty. Credits earned for University credit classes taught at off-campus locations can be applied to West Virginia State University degree requirements in the same manner as on-campus classes should an adult learner decide to matriculate. These classes are available year-round, depending on the need and the enrollment of a sufficient number of interested learners. Extension classes typically meet once or twice per week during the semester and include the same number of instructional contact hours and academic content as courses presented on campus.

Continuing Education Courses are of two major varieties. Some are training courses requested by businesses to train their employees in areas that instructors of West Virginia State University have experience. Other courses are for vocational or recreational purposes as students seek personal enrichment. Continuing Education courses may meet in the daytime, evenings or weekends five to 10 weeks for one to two hours a week. The schedule design is compact, or intensive, to meet the needs of learners. Continuing Education courses may be scheduled on request at any time throughout the year.

Computer Facilities

All degree programs at West Virginia State University involve students in learning computer applications related to the major and all graduates must satisfy a general education requirement in information skills. Computerized laboratories are no longer limited to areas such as mathematics, the natural sciences, writing and business, but are now integrated into course offerings in communications, media studies, art, music, the social sciences and professional studies as well. All classrooms have either direct internet connections or wireless Web access. In addition to discipline-specific computer facilities for students, in some majors there are general-purpose computer facilities in classroom buildings and in the Drain-Jordan library, as well as a cybercafé in the James C. Wilson University Union.

Convocations

Several times throughout the academic year, an assembly for students, faculty and staff is held. The State of the University convocation is held each fall so that the University family may hear about the status of University plans and projects. Other convocations are sponsored by one or more of the University's colleges, often in connection with a particular event or date. Convocations often feature speakers of regional or national prominence and are held at

various times during the day and the evening in order to reach the maximum number of students. Classes are frequently asked to attend convocations.

Cultural Activities

Each semester the West Virginia State University Cultural Activities Committee selects an exciting schedule of cultural activities based on submissions by students, faculty, staff and members of the WVSU community. The schedule includes lectures, workshops, concerts, exhibits and plays. Guest lecturers and performers are often people of national reputation.

Most programs are open to the University community and are free for WVSU students. Students are encouraged to bring their families and friends. Participation provides rich and in-depth learning and cultural experience.

Please visit wvstateu.edu/culturalactivities for a list of current events.

Intercollegiate Athletics

The University is a member of the National Collegiate Athletic Association (NCAA) and the Mountain East Conference varsity competition in 10 sports. Men's teams are offered in football, basketball, baseball, tennis and golf. Women's teams compete in volleyball, basketball, softball, tennis and cross-country.

Instructional Materials Center

The Instructional Materials Center (IMC), located on the second floor of the Drain-Jordan Library, offers a variety of teaching materials and resources that are useful in grades K-12 classrooms. The collections include a variety of textbooks, juvenile literature (including the collection of Caldecott, Newbery and Coretta Scott King Award Winning Books), magazines, puppets and teaching kits. Patrons may use the Ellison Die Cut machines to produce perfectly cut shapes and letters for various projects. There is a Binding System using a comb-style binder for reports and laminating services are available. When laminating is dropped off, it is usually available for pickup within 24 hours. There is a fee for the comb-binder and the laminating to cover the cost of the materials. Local educators and others involved in the process of teaching or curriculum development are also invited to utilize the Center.

The IMC serves students and faculty in the Education Department as well as students and faculty in other disciplines. The IMC is open during regular library hours.

University Library

The Drain-Jordan Library has been the center of educational activities of West Virginia State University since 1951. Its mission is to support the information, curriculum and

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research needs of all students and faculty by providing excellent library resources. The West Virginia State University Library works to adhere to the ACRL Distance Learning Guidelines in providing library services to students and faculty participating in WVSU distance learning programs. These services are designed to assist those affiliates who receive all of their courses off campus. For more information about the services please visit www.wvstateu.edu/Academics/Information-Services-for-Distance-Learning.aspx. The library offers a wide variety of material and services. It has an excellent collection of books, e-books, government documents, newspapers and periodicals.

The collection consists of over 200,000 books, 698 periodicals, and more than 74,000 items in microforms. The library offers over 34,000 periodical titles covering more than 50 subject areas, through online databases, print and microform subscriptions. The library has been a selective depository for United States government documents since 1907 and at present receives 33 percent of the published material from the Federal Government through the Government Printing Office. Special areas in the library include the Archives, the Instructional Materials Center (IMC), the Gus R. Douglass Collection and the Benin Collection. The Archives Department is located on the ground floor of the library and houses materials concerning the history of the University, its alumni and staff. It also contains information on African-Americans in West Virginia, the history of African-American higher education, and the history of the 20th and 21st centuries.

The Gus R. Douglass Collection on the main floor of the library contains the partial book collection of Gus R. Douglass, a former West Virginia Commissioner of Agriculture who served 44 years. The Benin Collection is housed on the main floor and has books, journals, artifacts, maps, video cassettes and CDs on Benin, West Africa.

Approximately 60 desktop computers and 28 laptops are available for student use on the main floor of the library. These computers have office software and access to the library collections and databases. Twenty-five of the computers are located at the back of the main floor in the Library Learning Center (LLC). These computers are also used for library instruction that is presented to students enrolled at West Virginia State University. The FACET room located on the ground floor of the library is also available for class instruction. The FACET room has nine computers and a Smart Board for presentations.

A professional librarian is always on duty at the reference desk when classes are in session to provide help for students, faculty, staff and the public on a one-on-one basis. Librarians work closely with faculty to develop collections and provide instruction about library resources and research methodology.

The library houses the Viz-Wall, a supercomputer, that is capable of processing vast amounts of data for West Virginia State University and other researchers. As part of this Viz-Wall supercomputer group conference area of the library, a bank of nine side-by-side monitors are displayed across a library wall to demonstrate complicated concepts to students.

The library is a member of Online Computer Library Center (OCLC), a global computerized network of more than 43,000 academic, public and special libraries from 86 countries. This database, which shares cataloging and interlibrary loan information, provides access to more than 56,000,000 book records in 458 languages. The library is also a member of Lyrisis, a consortium that allows the faculty and students to have access to many library resources via Interlibrary Loans. Materials not available in the Drain-Jordan Library can be borrowed through OCLC and Lyrisis. All users should inquire at the Reference Desk about this and other library services.

More information about the library can be found on the library's webpage at library.wvstateu.edu.

Medical Emergencies

In cases of an immediate medical emergency requiring ambulance service, call 911 and follow up with a call to Public Safety. When calling from West Virginia State University phones, dial 9 for outside access and then 911.

New Student Programs

The New Student Programs Office provides the following services for students:

- Teaching a Freshman Experience class;
- Coordinating the Thurgood Marshall College Fund Program; and
- Providing other first-year college experiences

For further information, contact Ms. Sharon Smith Banks in 416 Wallace Hall or via phone at (304) 766-3078

Public Safety

West Virginia State University has 24-hour police coverage provided by a staff of trained police officers. Public Safety may be contacted by calling (304) 766-3353 or (304) 766-3181.

Reserve Officer Training Corps (ROTC)

Military training began on campus in 1891. The school took on a military atmosphere in 1899 that also enabled up to 60 young men to receive free tuition, board, uniforms and books. In 1940, the institution took part in the national Civilian Pilot Training Program to prepare men for military aviation. Both ground school courses and flying lessons

were given at Wertz Field, which was located adjacent to the college. An Artillery Branch ROTC was established at the college in 1942, and at that time was the only one in the country approved by the War Department for a historically black college. During World War II, West Virginia State College was one of 131 colleges and universities nationally that took part in the V-12 Navy College Training Program which offered students a path to a Navy commission.

Cadets who earn at least a bachelor's degree and meet all other pre-commissioning requirements may be commissioned in any of the Army's 16 basic branches as a Second Lieutenant. The West Virginia State University (WVSU) Army ROTC Yellow Jacket Battalion has produced over 900 officers, including 15 General Officers. Over 100 alumni achieving the rank of Lieutenant Colonel or higher are recognized in the ROTC Hall of Fame. Students completing all requirements of the ROTC Program may be commissioned as Second Lieutenants in the Active Army or the Reserve Components that include the United States Army Reserve and the Army National Guard.

Eligible students can compete for Army ROTC four-year National Scholarships or three and two-year on campus scholarships. Students also have the option for Guaranteed Reserve Forces Duty (GRFD) scholarships that will allow them to serve only in one of the two Reserve Components. WVSU ROTC Students are also afforded the opportunity to attend Military Professional training each year. Some of the possible training opportunities available are Airborne School, Air Assault School, Mountain Warfare and cold weather training. Summer internship opportunities are also available under the Cultural Understanding and Language Proficiency (CULP) that allows ROTC students to travel to a foreign country and study their military, society and language. WVSU has sent students to Thailand and Scandinavia under the CULP program. Other summer internships include Cadet Troop Leader Training (CTLT), which provides Cadets the opportunity to experience leadership in the Army Table of Organization and Equipment over a three to four week period. Cadets serve in lieutenant-level leadership positions in active-duty units. Assignments include units that are located in the United States and foreign countries. Another training opportunity is Cadet Initial Entry Training (CIET), which is typically done the summer between a student's sophomore and junior year where they receive a month long introduction to the U.S. Army. Students are required to attend the Cadet Leaders Course (CLC) the summer between their junior and senior year. CLC enhances and assesses their basic Soldier, leadership, critical thinking skills as they prepare for their commission as a Second Lieutenant.

To contact WVSU Army ROTC, please call or e-mail Mr. Bill Kinsey at wkelsey@wvstateu.edu at (304) 766-3295. Please feel free to stop by Army ROTC located at the Ferguson-Lincoln Building.

Shelter-in-Place Drills & Other Emergency Drills

West Virginia State University is well recognized for emergency preparedness. The University has an Emergency Response Guide, which is distributed to new students and employees, illustrating specific procedures for emergencies. The plan was developed in conjunction with the Kanawha Valley Emergency Preparedness Council. If a siren sounds one continuous tone for three minutes, that is the signal to go to an assembly area to shelter.

Communications equipment is located in the assembly area of various buildings to inform occupants of what is occurring. Usually the siren is signaling that a practice drill is taking place; however, the siren should never be disregarded.

Student Support Services

Student Support Services is a federally funded program designed to provide opportunities for academic development, assist with basic college requirements and motivate students toward the successful completion of postsecondary education. The goal of this TRiO program is to increase the college retention and graduation rates of its participants. The program provides academic tutoring in all major subjects; advice and assistance in postsecondary course selection; assistance with information on the full range of student financial aid programs, benefits and resources for locating public and private scholarships; assistance in completing financial aid applications as well as grant aid scholarships. Services that are also offered to program participants include education on financial and economic literacy and assistance in applying for admission to graduate and professional programs.

Various workshops on study skills, career development, preparing for job interviews, finding money for college and preparing for graduate school are available for program participants. Students participate in cultural enrichment experiences that explore the global community. Student Support Services provides computer labs and free printing. All tutorial support is provided by academic specialists who have completed baccalaureate studies. Student Support Services has been an integral part of West Virginia State University since 1977 and has played a vital role in the retention and graduation of its students.

University Information Technology

Located on the first floor of Hamblin Hall, University Information Technology provides support for campus wide academic computing including programming, functional, technical and end user support. Information Technology maintains computer equipment software and peripherals across campus and instructional computer laboratories both on campus and in several remote extension locations. Other duties include, but are not limited, to telephone and networking installation maintenance and support and

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assistance with audio-visual equipment. Enrollment Management and Student Affairs has personnel who are dedicated to assisting students' IT needs.

Upward Bound

One of the first TRiO programs funded by the U.S. Department of Education, Upward Bound has been in existence at West Virginia State University since 1966. A college preparatory program for first-generation high school students, Upward Bound is designed to develop the skills and motivation needed to not only attend college, but to graduate from college. This year-round program affords participants the opportunities to get an academic jumpstart in their educational pursuits through classes ranging from pre-algebra to calculus, biology, chemistry, anatomy, Spanish, French, research writing, literature and history. Rigorous curricula play a crucial role in preparing students to compete in a global society. Students reside on the campus for six weeks as part of an intensive summer program and attend classes twice a month during the academic school year. Cultural enrichment experiences such as college tours and out-of-state travel serve to expose students to the endless possibilities available with a college degree. The program serves students from all of the major high schools in Kanawha and Logan counties.

Upward Bound Math-Science

The West Virginia State University Upward Bound Math-Science program (UBMS) is a federally funded TRiO program designed to enhance the academic skills of talented high school students who have an interest in pursuing a major in science, technology, engineering or mathematics (STEM). UBMS is a stepping-stone for today's high school student to become tomorrow's university student.

UBMS provides year-round academic enrichment services to first-generation and low-income students enrolled in high schools in Kanawha and Logan counties. Advantages offered through UBMS include academic tutoring, career counseling, cultural experiences and college preparation.

Once students apply and become UBMS students, they continue in the program until the graduate from high school. There are two components of UBMS where students participate in activities during the school year and as part of a summer academy. While on the campus of West Virginia State University, students have the opportunity to use first-class labs and technology while engaging with faculty and graduate students. This model encourages collaboration with academic researchers and offers expanded opportunities for program participants to prepare for study in the STEM fields at the post-secondary level.

Veterans Affairs

West Virginia State University welcomes members of all Armed Forces to attend college using benefits they have earned while in the services.

All individuals initiating the use of their GI education benefits should contact the School Certifying Official (SCO) for Veterans Education Benefits, Coston Davis, Jr., in 309 Sullivan Hall after completing the online application found at www.gibill.gov to apply for benefits. Veterans must participate in the monthly Web Automated Verification of Enrollment (WAVE) online verification in order to receive compensation.

DIRECTORY

2015-2016 University Faculty

Note: The date in parentheses immediately following the name indicates first year of employment at West Virginia State University. The second date indicates the year in which the highest degree was earned.

Addesa, Mark J. (1978), Assistant Professor of Criminal Justice. B.S. Niagara University; M.S. Eastern Kentucky University, 1978.

Akey, Wayne (1990), Associate Professor of Mathematics, B.S. Purdue University; M.S. Western Reserve University; Ph.D. Ohio State University, 1991.

Alderman, Timothy C. (1986), Associate Professor of English. B.A. Duquesne University; M.A. Purdue University; Ph.D. Purdue University, 1982.

Alesyed, Cyrus M. (2002), Associate Professor of Business Administration. B.S.B.A. Gilan College of Lahijan; M.B.A. Eastern New Mexico University; M.S. West Virginia University; Ph.D. West Virginia University, 1995.

Anderson-Conliffe, Debra M. (1997), Assistant Professor of Health and Human Performance. B.S. West Virginia State College; M.S. University of Tennessee, 1979.

Anderson, Karen (2002), B.A. University of Iowa, M.L.S., University of California: Los Angeles; M.A. Marshall University, 2003.

Anderson, Michael (1995), Professor of Mathematics. B.S. Michigan State University; M.S. Michigan State University; Ph.D. The Ohio State University, 1993.

Armstrong, Sonya (1999), Professor of Mathematics. B.A. Bernard Baruch College, City University of New York; M.S. Johns Hopkins University; M.A. University of Rochester; Ph.D. University of Rochester, 1997.

Baker, Ronald D. (1994), Professor of Mathematics. B.S. Central State University; Ph.D. The Ohio State University, 1975.

Banks, Oree (1977), Associate Professor of Health and Human Performance. B.S. Kansas State University; M.S. Kansas State University, 1960.

Barnes-Pietruszynski, Jessica (2008), Associate Professor of English. B.A. Drake University; M.A. Western Illinois University; Ph.D. Illinois State University, 2009.

Bejou, Azam (2013), Associate Professor of Business Administration. B.S. Virginia State University; M.B.A. Strayer University; Ed.D. Virginia State University, 2010.

Bejou, David (2013), Professor of Business Administration. B.A. College of Literature and Foreign Languages; M.B.A.A. Embry Riddle Aeronautical University; Ph.D. University of Memphis, 1994.

Bhuiyan, Mohammad (2015), Assistant Professor of Civil Engineering. B.Sc. Bangladesh University of Engineering and Technology, Bangladesh; M.Sc. Universiti Joseph Fourier, France and ROSE School, Italy; Ph.D. ROSE School, Italy with joint program at Georgia Institute of Technology, 2011.

Boyd, Daniel N. (1983), Assistant Professor of Communications. B.A. West Virginia University; M.A. University of Arkansas, 1981.

Bradley, Matthew (2015) Instructor of Sport Studies. B.S. University of Charleston; MAT Marshall University, 2004.

Broughton, Robin (1991), Professor of Communications. B.S. Ohio University; M.A. Ohio University, Ph.D. Ohio University, 1999.

Brown, Rita (1996), Associate Professor of Social Work. B.S.W. West Virginia State College; M.A. West Virginia College of Graduate Studies; M.S.W. West Virginia University, 1995.

Carney, J. Paige (1996-2003, 2011), Professor of Education. B.A. University of South Carolina; M.Ed. Georgetown College; Ed.D. University of Kentucky, 1995.

Carroll, Matthew (2014), Assistant Professor of Business Administration. B.A. West Virginia State University; M.B.A. Strayer University, 2014.

Chatfield, Jonathan Mark (1993), Professor of Biology. B.S. Marshall University; M.S. Marshall University; Ph.D. Oregon State University, 1986.

Christian, Scott (2013), Instructor of Music. B.M. Cleveland Institute of Music. M.M. Cleveland Institute of Music, 2002.

Cobb, Kimberly (2012), Assistant Professor of Communications. B.A. Marshall University; M.A. Marshall University, 1991.

Collins, Sean A. (2005), Assistant Professor of Biology. B.S. St. Lawrence University; M.S. University of Illinois; Ph.D. University of Illinois, 2003.

Cruz, Oliver M. (2015), Assistant Professor of Business Administration. B.S. University of Houston; M.S. Universidad La Salle, 2009.

- De, Suvayan (2008). Associate Professor of Economics. B. Sc. University of Calcutta; M. Sc. University of Calcutta; M.A. University of Memphis; Ph.D. University of Memphis, 2008.
- Dean-Leonard, Daton (2007), Associate Professor of Education. B.A. West Virginia State University; M.A. Marshall University Graduate College; Ed.D. West Virginia University, 2012.
- Echols, Roger (2014), Instructor of Communications. B.S. Communications West Virginia State University; M.S. Integrated Marketing Communications West Virginia University Marketing Communications, 2013.
- Erlandson, Molly S. (1989-2007, 2008), Professor of Art. B.F.A. Michigan State University; M.F.A. Michigan State University, 1989.
- Eya, Jonathan C. (1999), Professor of Biology. B.Sc. University of Nigeria, Msukka; M.Sc. University of Nigeria, Msukka; Ph.D. Auburn University, 1997.
- Fatu, Victoria (2015), Instructor of Music. B.M.A. Moscow State Conservatory of Music; M.M.A. Moscow State University, 2008.
- Fletcher, Jackie A. (2013), Instructor of Biology. B.S. Brock University; M.S. West Virginia State University, 2013.
- Ford-Ahmed, Trevella (1998), Professor of Communications. B.F.A. Art Institute of Chicago; M.A. New York University; Ph.D. Ohio University, 1995.
- Ford, Richard (2001), Associate Professor of Biology. B.A. Indiana University of Pennsylvania; B.S. Clarion University of Pennsylvania; M.S. Miami University (Ohio); Ph.D. Miami University (Ohio), 1993.
- Francis, Rebecca S. (1979), Professor of Psychology. B.S. University of Dayton; M.S. University of Bridgeport; Ph.D. University of Tennessee, 1979.
- Fultz, Micheal (2009), Assistant Professor of Chemistry. B.S. University of Tennessee, Martin; Ph.D. Indiana University, 2009.
- Gilliland, Steven A. (1986), Assistant Professor of Communications. B.A. University of Arkansas; M.A. University of Arkansas, 1981.
- Goldberg, Edward C. (1969), Associate Professor of Business Administration. B.S. University of Connecticut; J.D. West Virginia University, 1967.
- Good, Lindsey (2015), Instructor of Health Science. B.S. University of Charleston; M.S. California University of Pennsylvania, 2004.
- Guetzloff, Thomas F. (2000), Professor of Chemistry. B.S. St. Norbert College; Ph.D. South Dakota State University, 1996.
- Hailou, Frehot (2009), Assistant Professor of Economics. B.A. York University; M.A. York University; Ph.D. Howard University, 2007.
- Hankins, Gerald (2005), Associate Professor of Biotechnology. B.S. Florida State University; M.A. George Washington University; Ph.D. University of Virginia, 1991.
- Harper, Katherine L. (1987), Professor of Biology. B.S. West Virginia University; M.S. West Virginia University; Ph.D. West Virginia University, 1986.
- Harris, Robert T. (1995), Professor of Biology. B.S. Marshall University; M.S. Ohio University; Ph.D. Ohio University, 1992.
- Hass, Amir (2014), Assistant Professor of Biology. B.S. The Hebrew University of Jerusalem; M.S. The Hebrew University of Jerusalem; Ph.D. Texas A&M University, 2005.
- Hauser, Billie (2015), Instructor of Education. B.A. Marshall University; M.A. Marshall University, 1990.
- Hodges, John P. (1984), Assistant Professor of Business Administration. B.S. West Virginia University; B.A. West Virginia University; B.A. Marshall University; M.P.A. West Virginia University, 1981.
- Horn, Mary (2002), Associate Librarian. B.A. Marshall University; M.L.S. University of Tennessee, 1984.
- Huber, David H. (1999), Professor of Biology. B.S. Central Michigan University; M.S. Michigan State University; Ph.D. Michigan State University, 1996.
- Islam, Mahmoodul (1987), Associate Professor of Economics. B.A. University of Dacca; M.A. McMaster University; M.A. University of Dacca; Ph.D. Wayne State University, 1985.
- Jenks, William (2016), Instructor of Music. B.A. Concord University, 1998.
- Johnson, Dirk (2009), Associate Professor of Music. B. Music Brigham Young University; M. Music Brigham Young University; D. Music Arts University of Cincinnati, 2009.

Directory

- Kail, Karen A. (2015), Instructor of Mathematics. B.S. The Ohio State University; M.A. Marshall University, 2004.
- Karunathilake, Upali (2008), Associate Professor of Mathematics. B.S. University of Kelaniya, Sri Lanka; M.S. University of Minnesota; Ph.D. University of Minnesota, 2007.
- Kane, Michael (2010), Associate Professor of Criminal Justice. B.A. Pfeiffer University; M.S.F.S. National University; Ph.D. Union Institute and University, 2001.
- Kiddie, Thomas J., Jr. (2007), Associate Professor of English. B.A. Rutgers University; M.A. Rutgers University; Ph.D. Rutgers University, 1987.
- King, Patricia R. (1996), Assistant Professor of Health and Human Performance. B.S. West Virginia State College; M.Ed. University of Central Oklahoma, 1989.
- Korn, Barbara (2013), Assistant Professor of Education, A.A. Monroe Community College, B.A. Davis and Elkins College, M.A. West Virginia University, 1981.
- Krasnansky, Marek (2007), Associate Professor of Physics. Mgr. (M.S. equivalent) Comenius University (Slovakia); Ph.D. University of Connecticut, 2007.
- Ladner, Barbara (1991), Professor of English. B.A. Rice University; M.Phil. Yale University; Ph.D. Yale University, 1987
- Lamb, Larry (2010), Instructor of Mathematics. B.A. Glenville State College; M.A., University of Louisville, 1984.
- Lewis, Michael D. (1989), Associate Professor of Business Administration. B.B.A. Marshall University; M.B.A. Marshall University, 1989.
- Liedl, Barbara E. (2001), Associate Professor of Biology. B.S. Purdue University; M.S. University of Minnesota; Ph.D. University of Minnesota, 1989.
- Lucas, M. Lois (1993), Professor of History. B.A. North Carolina Central University; M.A. North Carolina Central University; Ph.D. University of Kentucky, 2005.
- Magan, John R. (1984), Associate Professor of Physics. B.S. Muhlenberg College; M.S. Lehigh University; Ph.D. Lehigh University, 1965.
- Marrash-Minnerly, Susan (2001), Professor of Communications. B.A. Converse College; M.F.A. University of Virginia, 1981.
- Martin, Josh D. (2012), Assistant Professor of Art. B.A. West Virginia State University; M.F.A. Full Sail University, 2010.
- McAllister, Gregg Suzanne (2015), Instructor of Education. B.A. Harvard University; M.A. Marshall University, 2007.
- McConnell, Anne (2007), Associate Professor of English. B.A. Illinois Wesleyan University; M.A. University of Colorado; Ph.D. University of Colorado, 2006.
- McCoy, Paula M. (2001), Associate Professor of Psychology. B.A. West Virginia University; M.A. Marshall University; Ph.D. University of North Texas, 2001.
- McMeans, Orlando F. (1998). Professor of Biology. B.S. Alabama A&M; M.S. University of Illinois at Urbana-Champaign; Ph.D. in Horticulture, University of Illinois at Urbana-Champaign, 1997.
- Mitiku, Abainesh (1992), Professor of Business Administration. B.S. University of Colorado; M.B.A. University of Nairobi; D.B.A. U.S. International University, 1992.
- Molnar, Sharon (1998), Assistant Professor of Chemistry. B.A. College of St. Catherine's; Ph.D. Virginia Polytechnic Institute and State University, 1996.
- Moncrief, Anthony (2007), Instructor of Chemistry. B.S. Jackson State University; M.S. University of Kentucky, 2005.
- Mosby, Gail A. (2006), Associate Professor of Sociology. B.A., West Virginia State University; M.Ed., Texas Southern University; Ph.D., University of Tennessee at Knoxville, 1995.
- Mutepa, Raphael M. (2002), Associate Professor of Social Work. B.A. National University of Zaire; M.A. Franciscan University of Steubenville; Ph.D. Virginia Commonwealth University, 2003.
- Naga, Sundar (1992), Professor of Chemistry. B.S. Madurai University; M.S. Madurai University; Ph.D. University of Maine, 1987.
- Natsis, James J. (1998), Assistant Professor of Modern Foreign Languages. B.S. University of Missouri-St. Louis; M.S. Ohio University; Ph.D. Ohio University, 1998.
- Nimmakayala, Padma (2004), Associate Research Professor of Biology. B.S. Andhra Pradesh Agricultural University, Hyderabad, India; M.S. Tamilnadu Agricultural University, Coimbatore, India; Ph.D. University of Agricultural Sciences, Bangalore, India 1993.

- Ngenge, Mbu'ulih T. (1986), Associate Professor of English. B.A. Wesleyan University; M.A. University of Nevada; Ph.D. University of Texas, 1986.
- Niu, Linwei (2013), Associate Professor of Computer Science. B.S. Peking University; M.S. State University of New York at Stony Brook; Ph.D. University of South Carolina, 2006.
- Øvrebø, Reidun (1992), Professor of Art. Cand. Mag. University of Trondheim; Ph.D. Ohio University, 1993.
- Park, Tae Jin (2006), Assistant Professor of History. B.A., Kyonggi University, M.A. State University of New York at Albany; Ph.D. West Virginia University, 2003.
- Palubinskas, Ginta T. (2013), Associate Professor of Political Science. B.A. Loyola Marymount University; M.P.A. The George Washington University; Ph.D. George Mason University, 2003.
- Pennington, Michael. (2015), MPA Program Director and Associate Professor of Political Science. B.A., West Virginia State University; 1997. M.P.A., West Virginia University, 1998; Ph.D. Texas A&M, 2008.
- Perdue, Charles W. (1987), Professor of Psychology. B.A. Denison University; M.A. Princeton University; Ph.D. Princeton University, 1983.
- Peyton, Billy Joe (2002), Professor of History. B.A. West Virginia University; M.A. West Virginia University; Ph.D. West Virginia University, 1999.
- Pietryszynski, Jeffrey (2005), Associate Professor of English. B.A. University of Wisconsin; M.A. Eastern Illinois University; Ph.D. Illinois State University, 2006.
- Porter, Marc (1998), Professor of Communications. B.A. Indiana University; M.F.A. Columbia University; Ph.D. Indiana University, 1986.
- Ray, Manashi (2011), Assistant Professor of Sociology/Philosophy. B.A. University of Poona; M.A. Maharaja Sayajirao University of Baroda; Ph.D. Michigan State University, 2010.
- Reddy, Umesh K. (2004), Associate Professor of Biology. B.S. Meerut University (India); M.S. Tamil Nadu Agriculture University (India); Ph.D. Osmania University (India), 1997.
- Ressmeyer, Ellen H. (1994), Associate Librarian. B.A. American University; M.L.S., University of Texas, 1974.
- Richards, Steven (2008), Associate Professor of Health and Human Performance. B.S. Bowling Green State University; M.S. Ohio State University; Ph.D. Ohio State University, 2006.
- Ruhnke, Timothy R. (1995), Professor of Biology. B.S. University of Nebraska; M.S. University of Nebraska; Ph.D. University of Connecticut, 1993.
- Sanjaya (2014), Assistant Professor of Biology. B.S. University of Mysore, India; M.S. University of Mysore, India; Ph.D. University of Mysore, India, 2003.
- Schedl, Andrew (2006), Assistant Professor of Physics. B.A., Pomona College; M.S., University of Iowa; Ph.D., University of Michigan, 1986.
- Sekabunga, Ernest J. (1998), Associate Professor of Chemistry. B.S. Makerere University; M.S. University of Manchester; Ph.D. Auburn University, 1997.
- Settle, Aaron (2005), Professor of Health and Human Performance. B.S. University of Charleston; B.S. University of Charleston; M.S. Marshall University; D.S.M. United States Sports Academy, 2005.
- Seyedmonir, Mehdi (2007), Associate Professor of Psychology. B.A. West Virginia State University; M.A. West Virginia University; Ed.D. West Virginia University, 2000.
- Shaw, Kent (2011), Assistant Professor of English. B.A. University of Missouri at St. Louis; M.F.A. Washington University; Ph.D. University of Houston, 2011.
- Sklute, Genia (2009), Assistant Professor of Chemistry. B.S. Hebrew University; M.S. Technion-Israel Institute of Technology; Ph.D. Technion-Israel Institute of Technology, 2007.
- Spears, Derrick (2014), Professor of Military Science. B.A. Xavier University of Louisiana; M.B.A. Webster University, 2006. Areas of research: Leadership Theory, Organizational Dynamics, and Military Operations.
- Steele, Kerri (2013), Assistant Professor of Criminal Justice, B.A. Concord University; M.A. Tulane University, Ph.D. University of Georgia, 2013.
- Stroupe, Walter (2006), Associate Professor of Criminal Justice. B.S., West Virginia State University; M.S., Marshall University; Ed.D., Marshall University, 2003.
- Taylor-Johnson, Carol (1996), Associate Professor of English. B.S. Langston University; M.A. The Ohio State University; Ph.D. The Ohio State University, 1986.

Directory

Tillquist, Alan (1998-2004; 2011), Professor of Business Administration. B.S. Hannibal-LaGrange College; M.B.A. Missouri State University; D.B.A. Nova Southeastern University, 2002.

Vanderford, Brenda (1966), Associate Professor of Music. B.M. Oberlin College; M.M. Northwestern University, 1965.

Vaughan, Frank D. (2006), (2008), Associate Professor of Political Science. B. A, Emory and Henry College; M. A., West Virginia University; Ph.D. West Virginia University, 2006.

Wallace, Robert (2005), Associate Professor of English. B.A. Pfeiffer College; M.F.A. University of Arkansas; Ph.D. Indiana University of Pennsylvania, 2004.

Wamsley, Brenda R. (2004), Professor of Social Work. B.A. West Virginia Wesleyan College; M.S.W. West Virginia University; Ph.D. Case Western Reserve University, 2004.

Wang, Lan (2015), Assistant Professor of English; B.A. Hebei University, B.A. China University of Political Science and Law; M.A. Georgia State University; Ph.D. Indiana University of Pennsylvania, 2012.

Waugh, Emily (2006), Associate Professor of Education. B.S., West Virginia University; M.A., Marshall University Graduate College; Ed.S., Marshall University Graduate College; Ed.D., Marshall University Graduate College, 2005.

Wells, Deborah J. (1986), Associate Librarian. B.A. Marshall University; M.A. Marshall University; M.S.L.S. University of Kentucky, 1984.

Whyte, Cassandra B. (1982), Associate Professor of Criminal Justice. B.A. Fairmont State University; M.A. West Virginia University; Ed. D. West Virginia University, 1975.

Whyte, William R. (2006), Assistant Professor of Criminal Justice. B.S. Springfield College; M. Ed. Springfield College, 1970.

Williams, Deborah (2005), Assistant Professor of Business Administration. B.S.B.A. West Virginia University; M.P.A. West Virginia University, 1982.

Wilson, Brenda (2000), Professor of Education. A.B. Catholic University; M.Ed. College of Graduate Studies; Ed.D. West Virginia University, 2000.

Wilson, Patricia P. (2003), Associate Professor of Education. B.S. West Virginia State University; M.A. Marshall University, 1972.

Woodard, Scott E. (2006), Associate Professor of Music. B.A., Marshall University; M.A., Marshall University; D.M.A., Boston University, 2014.

Workman, Michael E. (2010), Assistant Professor of History. B.A. West Virginia University; M.A. West Virginia University; Ph.D. West Virginia University, 1995.

Zaman, Naveed (2000), Associate Professor of Mathematics. B.S. Punjab University (Pakistan), M.S. and M.Phil. Quad-I-Azam University (Pakistan); Ph.D., University of Kentucky, 2000.

Zapata, Miguel (2005), Associate Professor of Spanish. B.S. Universidad del Atlántico (Columbia); M.A. (Spanish) University of Arkansas; M.A. (English) University of Arkansas; Ph.D. University of Arkansas, 2002.

Zhang, Xiaohong (1996), Associate Professor of Mathematics. B.S. Sichuan University; M.S. West Virginia University; Ph.D. Virginia Polytechnic Institute and State University, 1993.

Ziyati, Ali (2011), Professor of Communications. D.I.P.L. Higher Institute of Journalism; M.A. Ohio University; Ph.D. Ohio University, 1995.

Zuccaro, Jennifer (2008), Assistant Librarian. B.A. Marist College; M.S.I.S. State University of New York at Albany, 2005.

2015-2016 Administrators & Professional Non-Faculty

Note: The date in parentheses immediately following the name indicates first year of employment at West Virginia State University. The second date indicates year in which highest degree was earned.

Anderson, Amanda (2012), Director, Admissions. B.A. Buena Vista University; M.B.A. University of Sioux Falls, 2011.

Banks, Sharon (1990), Director, New Student Programs. B.S. Tennessee State University; M.A. Salem-Teikyo University, 1994.

Bailey, Jack (2012), Director, Public Relations. B.A. Marshall University, 1992.

Bennett, Janis (1985), Director, Purchasing. B.S. West Virginia State University, 1979.

Bennett, Thomas (2012), Assistant Vice President for University and Legislative Relations. B.S. West Virginia University, 1999.

- Browning, Matthew (2002), Director, Communications, Gus R. Douglass Land-Grant Institute. B.S. West Virginia State University; M.S. West Virginia University, 2009.
- Burton, Nate (2014), Interim Director, Athletics. B.S. Washington Jefferson College; M.S. Marshall University, 2011.
- Cary, Barbara W. (1989), Director, Upward Bound and Student Support Services. B.S. West Virginia State University; M.Ed. University of Pittsburgh, 1975.
- Chaney, Joyce (2013), Director, Human Resources, B.S. Georgia State University, 1975.
- Davis, Coston (2008), Director, Leadership, Mentoring and Judicial Affairs. A.S. West Virginia State University; A.A.S. West Virginia State University; B.S. West Virginia State University; M.S. West Virginia University, 1996.
- Doman, Dakota J. (2015), Assistant Vice President for Student Life and Engagement. B.A. Lamar University; M.B.A. Lamar University, 2001.
- Fuller, Belinda (1993), Director, Alumni Relations, A.S. West Virginia State University; B.S. West Virginia State University, 2006.
- Gainer, Nathan (2011), Director, Academic Educational Outreach. B.S. West Virginia Wesleyan College; M.B.A. University of Charleston, 2012.
- Griffith, Todd (1986), Director, Photographic Services. Certification in Photography, Woodland School of Photography, 1985.
- Hale, Jim (2013), Director, Printing Services, A.A.S in Printing and Design, Franklin Technical School, 1976.
- Hemphill, Brian O. (2012), President. B.A. Saint Augustine's University; M.S. Iowa State University; Ph.D. University of Iowa, 1998.
- Hunter, Donna L. (1975), Registrar. R.B.A. West Virginia State University; M.A. Marshall University Graduate College, 2002.
- Jayasuriya, Kumara L. (2014), Provost and Vice President for Academic Affairs. B.S. University of Colombo; M.S. Southern Illinois University; Ph.D. University of Wisconsin-Milwaukee, 1993.
- Johnson, Savannah (2015), Director, Upward Bound Math-Science. B.S. Clark Atlanta University, 1991.
- Maharaj, Sandhya (1991), Director, Career Services and Cooperative Education. B.S. Appalachian State University; M.A. Appalachian State University; Ed.S. Appalachian State University, 1992.
- McCarthy, Katherine (2012), Vice President for Enrollment Management and Student Affairs. A.S. Monroe Community College; B.S. Alfred University; M.B.A. Syracuse University, 1982.
- McMeans, Orlando (1998), Vice President for Research and Public Service. B.S. Alabama A&M University; M.S. University of Illinois at Urbana-Champaign; Ph.D. University of Illinois at Urbana-Champaign, 1997.
- Morris-Dueer, Vicky (2016), Director, Institutional Research, Assessment & Effectiveness. B.S. Fairmont State University; M.S. University of New Mexico, 1999.
- Nakada, Yuma (2012), Director, Publications and Design. B.A. University of Arkansas at Fayetteville, 2004.
- Neal, Adam (2012), Assistant Vice President for University Advancement. B.A. Western Illinois University; M.S. Northern Illinois University, 2010.
- Oden, Joe Jr. (1991), Assistant Vice President for Enrollment Management and Student Affairs. B.S. West Virginia State University; M.A. Marshall University, 1999.
- Osborne, Kimberly (2013), Vice President for University Relations and Operations. B.A. The State University of New York (SUNY at Cortland); M.S. West Virginia University, 2006.
- Purnell, Jarvis (2014), Director, Residence Life. B.S. Northern Illinois University; M.S. Northern Illinois University, 2010.
- Ross, JoAnn (2012), Director, Student Financial Assistance. B.S. Concord College, Mountain State University, Concentration in Behavioral Science, 2001.
- Saunders, Joseph (1994), Director, Public Safety. A.A. Vincennes College; B.S. West Virginia State University; M.A. Marshall University, 2001.
- Schumaker, Ashley (2013), Chief of Staff and Special Assistant to the President. B.A. Marshall University; M.A. West Virginia University, 2007.
- Schumann, Patricia (2012), Vice President for University Advancement and President of the West Virginia State University Foundation, Inc. B.A. University of Dayton, M.A. University of Dayton, 1983.
- Shafer, Sherri Lynn (2006), Director, Regents Bachelors of Arts. B.A. Marshall University; M.A. Marshall University, 1994.

Directory

Skidmore, Alan (2013), Director, Information Technology. A.S. West Virginia Institute of Technology, B.S., West Virginia Institute of Technology, 1983.

Smith, Marvin (1990), Director, Physical Facilities.

Stinson, Willette F. (2013), Library Director, B.A./B.A. Saint Vincent College; M.L.S. University of Pittsburgh; Ph.D. Florida State University (1998).

Stuart, T. Ramon (2003), Associate Provost and Associate Vice President for Academic Affairs. B.S. West Virginia University; M.S. West Virginia University; Ph.D. Ohio University, 2012.

Sweeney, Trina (2005), Director, Adult and Commuter Student Services, B.A. West Virginia State University; M.S. Mountain State University, 2010.

Toledo, Kellie (1993), Director, Counseling and Academic Support Services. B.A. Marshall University; M.A. Marshall University, 1993.

Toledo, Ulises J. (2000), Associate Dean and Director, Business and Finance, Gus R. Douglass Land-Grant Institute. B.S. Universidad Autonoma Chapingo, Mexico; M.S. University of Illinois at Urbana; Ph.D. University of Illinois at Urbana-Champaign, 2001.