

Eberly College of Arts and Sciences

History of the College

Starting with the initial charter of WVU by the Legislature in 1867, the liberal arts and the sciences were important and central elements of the University. The College of Arts and Sciences was formally created in 1895, and eleven students received degrees from the college in 1896. In the 1911–12 academic years, the West Virginia Chapter of Phi Beta Kappa was established within the College of Arts and Sciences.

On July 1, 1993, the name of the college was changed to the Eberly College of Arts and Sciences to recognize and commemorate the generosity of the Eberly family, the Eberly Foundation, and the Eberly Family Charitable Trust.

Today, the Eberly College of Arts and Sciences awards degrees to around 2,000 students every year. It remains the heart of West Virginia University, providing students with a liberal education in the areas of literature and the humanities, mathematics and natural sciences, and social and behavioral sciences. In addition to teaching, the College's 420 faculty members are actively engaged in research and scholarship, publishing approximately 600 articles and five or more books each year.

Mission

The primary mission of the Eberly College of Arts and Sciences is to promote the full development of the student as an individual and as a member of society. Students earning degrees in the College fulfill certain broad basic-education requirements and study at least one subject in some depth. The degree requirements are intended to carry forward what is usually termed "a general education," thus providing a foundation for continued growth and development after graduation.

Clearly, one purpose of a college education is to help students acquire knowledge and skills both for self-fulfillment and in preparation for the roles they will subsequently play in society. A less obvious but equally important purpose is to impart certain attitudes to students. In the interest of fulfilling both purposes, the Eberly College of Arts and Sciences strives to help students acquire the specific attributes listed below.

ADMINISTRATION

DEAN

- R. Gregory Dunaway - Ph.D. (University of Cincinnati)
Dean

ASSOCIATE DEANS

- Joan S. Gorham - Ed.D. (Northern Illinois University)
Academic Affairs
- Valérie Lastinger - Ph. D. (University of Georgia)
Undergraduate Studies
- Asuntina S. Levelle - J.D. (West Virginia University)
Financial Planning and Management
- Tracy Morris - Ph.D. (University of Mississippi)
Research, Graduate Studies, and Outreach
- Michael Perone - Ph.D. (University of Wisconsin-Milwaukee)
Faculty

ASSISTANT DEANS

- Anna Justice - C.F.R.E.
Development
- Katie Stores - Ph.D. (West Virginia University)
Research

Degree Designation Learning Goals

BACHELOR OF ARTS (BA)

A primary mission of the Eberly College of Arts and Sciences is to promote full development of each student as an individual and as a member of society. Students completing a Bachelor of Arts degree in the Eberly College fulfill broad general education foundation requirements, Bachelor of Arts degree requirements, study of at least one discipline in depth, and complimentary coursework that spans disciplinary boundaries. The hallmark of an Arts and Sciences education is opportunity for students to craft programs of study that integrate interests and address aspirations through a combination of major and minor, or dual major, areas of study.

Bachelor of Arts degree programs in the Eberly College integrate

- Knowledge of central principles, practices, facts, concepts, theories, and disciplinary tools in a major area of concentration
- Skills in communication using a variety of channels including writing, speaking, reading, listening, and viewing
- Practice in analyzing and solving problems, recognizing ambiguities, proposing alternatives, drawing inferences, developing imaginative approaches, constructing predictions, and making reasoned decisions using appropriate information resources and analytical tools
- Study of a foreign language to attain an intermediate level of proficiency for interacting in a non-native language and culture
- Opportunities for defining relationships between the student's degree program and post-baccalaureate goals

BACHELOR OF MULTIDISCIPLINARY STUDIES (BMDS)

A primary mission of the Eberly College of Arts and Sciences is to promote full development of each student as an individual and as a member of society. Students completing a Bachelor of Multidisciplinary Studies degree in the Eberly College complete broad general education foundation requirements, MDS core requirements, and three academic minors that work together to achieve individual educational and/or career goals. The BMDS degree program does not limit students to courses of study in a particular college or school, but rather stresses the importance of breadth of knowledge and cross-disciplinary communication.

The Bachelor of Multidisciplinary Studies degree program in the Eberly College integrates

- Knowledge of and aptitude with principles, practices, facts, concepts, theories and tools in three minor areas of concentration
- Communication skills using a variety of channels including writing, speaking, reading, listening, and viewing
- Practices derived from specialized knowledge in individual disciplines to analyze problems from divergent perspectives, recognize ambiguities, propose alternatives, draw inferences, develop imaginative approaches, construct predictions, and make reasoned decisions using appropriate information resources and analytical tools
- Multidisciplinary techniques fostering students' ability to communicate strengths of their self-chosen course of study
- Opportunities for defining relationships between the student's degree program and post-baccalaureate goals

BACHELOR OF SCIENCE (BS)

A primary mission of the Eberly College of Arts and Sciences is to promote full development of each student as an individual and as a member of society. Students completing a Bachelor of Science degree in the Eberly College fulfill broad general education foundation requirements, Bachelor of Science degree requirements, and study of at least one discipline in depth. The hallmark of an Arts and Sciences education is opportunity for students to craft programs of study that integrate interests and address aspirations through a combination of major and minor, or dual major, areas of study.

Bachelor of Science degree programs in the Eberly College integrate

- Knowledge and skills of central principles, practices, facts, concepts, theories, and disciplinary tools in a major area of concentration
- Skills in communication using a variety of channels including writing, speaking, reading, listening, and viewing
- Practice in analyzing and solving problems, recognizing ambiguities, proposing alternatives, drawing inferences, developing imaginative approaches, constructing predictions, and making reasoned decisions using appropriate information resources and analytical tools
- Application of scientific principles and methods across three natural and/or computational science disciplines
- Opportunities for defining relationships between the student's degree program and post-baccalaureate goals

BACHELOR OF SOCIAL WORK (BSW)

The mission of the School of Social Work's BSW program is to prepare social work practitioners who are dedicated to upholding the ethical standards of the social work profession. An important focus of the West Virginia University School of Social Work is our focus on practice in small towns and rural communities, including the well-being of older adults. Our mission emphasizes the importance of preparing social workers with the necessary knowledge, values, and skills to practice effectively at the micro, mezzo, and macro levels of intervention in settings consistent with our rural context. Students completing a Bachelor of Social Work degree complete broad general education foundation requirements and work within the School of Social Work that is designed:

- To prepare undergraduate students for professional, competent, entry-level generalist practice, with an emphasis on rural and small town settings, through a curriculum including liberal arts and social work foundations; human behavior in the social environment; practice, policy, and assessment/research with individuals, families, groups, communities, and society
- To prepare students for practice with diverse, vulnerable, and oppressed populations and to further social and economic justice
- To prepare students to engage in effective practice that is responsive to changing the social context with an existing value base and ethical standards of the social work profession
- To provide a foundation to develop an identity as a professional social worker and conduct oneself accordingly

Degree Options

The Eberly College of Arts and Sciences offers the following degrees:

- Bachelor of Art (B.A.). See B.A. tab above.
- Bachelor of Science (B.S.). See B.S. tab above.
- Bachelor of Multidisciplinary Studies (B.M.D.S.). See Multidisciplinary Studies Program link.
- Bachelor of Social Work (B.S.W.). See School of Social Work link.

Minors

Most major programs in the Eberly College of Arts and Sciences also offer formal academic minors. In addition, minors are available in Africana studies, leadership studies, Native American studies, and statistics. If a student successfully completes the requirements for a formal minor, this will be recorded on the student's official record and will appear on transcripts.

Requirements for academic minors are set by the department offering the minor. A formal minor must include at least fifteen hours of coursework with a minimum of nine hours at the upper-division level (course number of 300 or above). Specific courses may be required as well as a minimum grade or grade point average for courses in the minor. Courses in the minor may not be taken pass/fail. The minor field may not be the same as the student's major field.

Certificate Programs

GLOBAL ENGAGEMENT

CERTIFICATE CODE - CU08

Students in the Eberly College, may earn this Certificate, regardless of their major. Completion of the Global Engagement Certificate demonstrates the student's knowledge of diverse cultures, as well as the ability to communicate and interact effectively with people of different cultural background. Students will be required to apply their knowledge of contemporary issues and global social contexts to their course work and their broader citizenship. Students must complete fifteen hours of approved courses and have the option to earn part of the certificate on campus, or to earn all of their credits abroad by completing one of the two options described below.

OPTION 1: LANGUAGE-INTENSIVE OPTION (15 CREDITS MINIMUM)

Language Component

6-9 credit hours of academic coursework in one language other than English, beyond the core language requirement (typically 204 or the equivalent, as determined by the Department of World Languages, Literature, and Linguistics), completed at either WVU or a foreign academic institution; **and**

International Coursework Component

6-9 credit hours, beyond the language component (above) requirement, of coursework bearing the "G" designator.*

OPTION 2: TRAVEL-INTENSIVE OPTION (15 CREDITS MINIMUM):

15 credit hours of coursework bearing the "G" designator.* It is recommended that at least part of this coursework be earned during an extended, semester-long experience.

* Courses carrying the "G" designation are approved for the designation by the Office of International Programs and include courses taken abroad either with WVU, at an exchange university, or through another higher education school or organization. WVU offers approximately 60 WVU faculty-led programs per year, with one to three academic courses typically offered in each faculty-led program. There are over 50 exchange linkages with universities abroad, many of them comprehensive and some specialized in areas such as health sciences, engineering, business, language, etc. WVU also has agreements with approximately one dozen affiliate programs (ISEP, for example), each with a wide selection of programs and courses. An Eberly College student may take advantage of any WVU "G" courses for which he/she meets the pre-requisites or restrictions. Courses to be counted toward academic major requirements must be approved by the designated authority in the student's major program.

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- University Requirements / General Education Curriculum (p. 4)
- College Requirements (p. 5)
- Credit Limitations (p. 6)
- 42-Hour Rule (p. 6)

Bachelor of Arts

- Anthropology
- Biochemistry
- Biology
- Chemistry
- Communication Studies
- Criminology
- Economics
- English
- English Secondary Education*
- Environmental Geoscience
- Geography
- History
- Individualized Major
- Interdisciplinary Studies
- International Studies
- Latin American Studies
- Mathematics
- Mathematics Secondary Education*
- Multidisciplinary Studies
- Philosophy
- Physics
- Political Science
- Psychology
- Religious Studies
- Slavic and East European Studies
- Social Studies Secondary Education*
- Sociology
- Women's and Gender Studies
- World Languages
- World Languages Secondary Education*

* Please refer to the College of Education and Human Services section of the catalog for program details. The teacher education program is a five-year program culminating in two degrees which are awarded simultaneously: an Eberly baccalaureate degree and a College of Education and Human Services master's degree.

Bachelor of Arts Requirements

Students must complete WVU General Education Curriculum requirements, College B.A. requirements, major requirements, and electives to total 120 hours. For programs that offer both the B.A. and the B.S. (biology, chemistry, mathematics, physics, psychology), students may earn either the B.A. or the B.S. degree, but not both.

University Requirements / General Education Curriculum

Students who would like for transfer credits to be applied to University requirements, (GEF and Capstone) or to College requirements, need to seek approval from the Associate Dean of Undergraduate Studies (see ECAS Undergraduate webpages).

Every student at West Virginia University has to fulfill the requirements for the General Education Foundations. The main purpose of this curriculum is to insure that all of graduates are exposed to a variety of fields, as described in the 8 GEF Areas. Please read the full description of the GEF (<http://registrar.wvu.edu/gef>) and of the policies that govern it; a list of all the courses (<http://registrar.wvu.edu/gef>) that meet all the various GEF Areas can be found on the Office of the University Registrar. Students are strongly encouraged to work with their advisers to select GEF courses that may broaden and strengthen their interest in their major field. GEF courses can also be used to explore new areas to which students have not yet been exposed.

GENERAL EDUCATION FOUNDATIONS

Please use this link to view a list of courses that meet each GEF requirement. (<http://registrar.wvu.edu/gef>)

NOTE: Some major requirements will fulfill specific GEF requirements. Please see the curriculum requirements listed below for details on which GEFs you will need to select.

General Education Foundations

F1 - Composition & Rhetoric		3-6
ENGL 101 & ENGL 102 or ENGL 103	Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research Accelerated Academic Writing	
F2A/F2B - Science & Technology		4-6
F3 - Math & Quantitative Skills		3-4
F4 - Society & Connections		3
F5 - Human Inquiry & the Past		3
F6 - The Arts & Creativity		3
F7 - Global Studies & Diversity		3
F8 - Focus (may be satisfied by completion of a minor, double major, or dual degree)		9
Total Hours		31-37

CAPSTONE EXPERIENCE

The capstone experience is defined as an academic experience in which students demonstrate, in a significant project that has both an oral and a written component, their abilities to gather information, to think critically and to integrate the theoretical and/or practical knowledge that they acquired throughout their undergraduate careers, and to reflect on the ethical issues that are implicit in their projects.

Students completing several majors need to complete one Capstone course per major. Because of their unique concept, Capstone courses can never be transferred from another institution, including study abroad. List of current capstone courses (http://registrar.wvu.edu/current_students/capstone_courses).

Individual department requirements may be more directive than the College's core B.A. requirements, so long as those requirements are met. Students who would like for transfer credits to be applied to the College B.A. requirements need to seek approval from the Associate Dean of Undergraduate Studies. Except with the approval of the department chair or degree program coordinator, no upper-division course (300 or 400 level) in the major taken at another institution will be counted toward meeting the requirements of the major. To qualify for graduation, the student must have accumulated a minimum of thirty semester hours at WVU and have completed all university, college, and major requirements in a degree program.

College Requirements

FOREIGN LANGUAGE.

Completion of level 204 (fourth semester). Students with no prior instruction in a language will satisfy this requirement by successful completion of courses 101, 102, 203, and 204 (or other approved courses) in that language. Students with prior instruction in a language must take the placement test in that language and begin at the level they are placed and complete 204. Students who place beyond the 204 level will satisfy the requirement by successful completion of one appropriate 300-level course in that language. (For information about placement and explanation of various options and other approved courses, see listings under World Languages, Literatures, and Linguistics in the WVU Undergraduate Catalog, go to: <http://worldlang.wvu.edu>, or contact the department.) Courses used to fulfill this requirement are in addition to those used to fulfill any GEF requirement.

FINE ARTS.

Students must satisfactorily complete a minimum of three semester hours focused on the fine arts. Completion of a course that meets GEF Area 6 (The Arts and Creativity) will fulfill this requirement.

GLOBAL CULTURES AND DIVERSITY

Students must satisfactorily complete three semester hours of study of global issues and/or the role of diverse perspectives within contemporary society. Completion of a course that meets GEF Area 7 (Global Studies & Diversity) will fulfill this requirement.

GRADE POINT AVERAGE

A cumulative GPA of 2.0 is required for graduation. All departments and degree programs in the College require a minimum cumulative grade point average of 2.0 (C) for admission and graduation; some departments or programs require a higher grade point average (overall or in the discipline). See specific departments for requirements.

WRITING AND COMMUNICATION SKILLS

The Eberly College of Arts and Sciences is committed to fostering students' abilities in writing, speaking, visual presentations, and multimedia communication. The College's SpeakWrite initiative helps students approach writing and speaking situations they encounter in their classes, in their work, and in their community by assessing:

1. **Purpose:** What exactly do I want to happen?
2. **Audience:** Who is reading, listening, or viewing?
3. **Conventions:** What is expected in this context?
4. **Trouble spots:** What could get in the way of my goals?

SpeakWrite Principles:

- **Engagement.** When students speak and write purposefully and thoughtfully in their classes, they're engaged. They are ready to enter conversations in their fields and in their communities. They are developing a critical skill, valued by employers and society, that is a hallmark of an Arts and Sciences education.
- **Practice.** Effective communication is a complex activity that cannot be mastered in a single course. It is the responsibility of the entire academic community. Students need practice conveying the knowledge they gain as they complete their majors.
- **Discipline-Specific Knowledge and Abilities.** People write and speak with a particular *purpose*, to a particular *audience*, in a particular context defined by particular *conventions*. Speaking and writing in the majors is most effectively guided by those with discipline-specific expertise. The Eberly Writing Studio is available as a resource, consultant, and partner for faculty teaching SpeakWrite courses--and their students.

Several Eberly College undergraduate programs are **SpeakWrite Certified™**. SpeakWrite Certified Programs incorporate and develop students' written, verbal, visual, and mediated communication skills in coursework across the curriculum. Students completing majors in SpeakWrite Certified Programs automatically fulfill the WVU General Education Foundations (GEF) writing and communication skills requirement.

Students completing Eberly College programs that do not carry SpeakWrite Certification fulfill the writing and communication skills requirement by completing ENGL 101 and 102 (or 103), and a minimum of two additional program-designated SpeakWrite Certified courses.

Credit Limitations

THE FOLLOWING DO NOT COUNT TOWARD THE HOURS REQUIRED FOR GRADUATION:

1. Courses in which the grade received is other than A, B, C, D, P, or S. Credit by examination, however, is counted toward hours required for graduation unless it was granted for courses otherwise excluded in this list
2. Any course passed more than once, unless a course is designated as repeatable in the catalog
3. More than 72 hours of transfer credit from accredited junior or community colleges
4. More than 18 semester hours of credit for which only a grade of P is recorded (See Pass/Fail Grading)
5. Any course in which the final grade is F. The student must take the course again in residence at WVU or a branch campus if the student wishes to replace the F through the D/F repeat option, available up to the semester when a student attempts the 60th hour of credit.

42-Hour Rule

There is no limit to the number of credits students can earn in a subject. However, in Bachelor of Arts (B.A.) programs in the Eberly College, a maximum of forty-two hours in one subject (e.g., BIOL, FRCH, POLS) may be counted toward the minimum hours for graduation. If a B.A. student exceeds forty-two credits in one subject, then the excess must be matched by an equal number of credits in any other subject. For example, if the minimum hours for graduation is 120, and a student earns forty-six hours in COMM (42 + 4), that student will require 124 128 hours to graduate (120 + 4). 4 COMM overage + 4 non-COMM). If the minimum hours for graduation is 120, and a student earns forty-three hours in PSYC (42 + 1), that student will require 121 122 hours to graduate (120 + 1). 1 PSYC overage + 1 non-PSYC).

Please note that some courses are excluded from the 42-Hour Rule count:

1. 199 (orientation) and 491 (professional field experience) courses in any subject are excluded from the 42-Hour count.
2. For English (ENGL), the 42-Hour count excludes ENGL 101 and ENGL 102 or ENGL 103; for English majors who obtain a concentration in creative writing or professional writing and editing (PWE), a maximum of 60 hours in English (in addition to ENGL 101 and ENGL 102 or ENGL 103), may be included within the 120 hours required for graduation.
3. For foreign languages, the 42-Hour count excludes the three to twelve hours used to fulfill the B.A. foreign language requirement of the Eberly College of Arts and Sciences.
4. For Sociology and Anthropology (SOCA), the count is done separately for anthropology, criminology, and sociology (42 hours in sociology courses and 42 hours in anthropology courses). Normally anthropology courses are the SOCA courses with a "5" as the middle number: 252, 254, 355, 358, 450, etc.

5. For Environmental Geoscience, students may not earn more than 50 credits of GEOLG and GEOL combined. If they have earned over 50 credits in the two subject, they will need a proportional number of hours in non-GEOG and non-GEOL courses.

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- College Requirements (p. 8)
- Credit Limitations (p. 8)

Bachelor of Science

- Biology
- Chemistry
- Forensic and Investigative Science
- Geology
- Industrial Mathematics and Statistics
- Mathematics
- Physics
- Psychology

Bachelor of Science Requirements

Students must complete WVU General Education Foundation requirements, College B.S. requirements, major requirements, and electives to total 120 hours. For programs that offer both the B.A. and the B.S. (biology, chemistry, mathematics, physics, psychology), students may earn either the B.A. or the B.S. degree, but not both.

University Requirements / General Education Curriculum

Students who would like for transfer credits to be applied to University requirements, (GEF and Capstone), need to seek approval from the Associate Dean of Undergraduate Studies (see ECAS Undergraduate webpages).

Every student at West Virginia University has to fulfill the requirements for the General Education Foundations. The main purpose of this curriculum is to insure that all of graduates are exposed to a variety of fields, as described in the 8 GEF Areas. Please read the full description of the GEF (<http://registrar.wvu.edu/gef>) and of the policies that govern it; a list of all the courses (http://registrar.wvu.edu/current_students/general_education_curriculum) that meet all the various GEF Areas can be found on the Office of the University Registrar. Students are strongly encouraged to work with their advisers to select GEF courses that may broaden and strengthen their interest in their major field. GEF courses can also be used to explore new areas to which students have not yet been exposed.

GENERAL EDUCATION FOUNDATIONS

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NOTE: Some major requirements will fulfill specific GEF requirements. Please see the curriculum requirements listed below for details on which GEFs you will need to select.

General Education Foundations

F1 - Composition & Rhetoric		3-6
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F2A/F2B - Science & Technology		4-6
F3 - Math & Quantitative Skills		3-4
F4 - Society & Connections		3
F5 - Human Inquiry & the Past		3
F6 - The Arts & Creativity		3
F7 - Global Studies & Diversity		3
F8 - Focus (may be satisfied by completion of a minor, double major, or dual degree)		9
Total Hours		31-37

SPEAKWRITE™**CAPSTONE EXPERIENCE**

The capstone experience is defined as an academic experience in which students demonstrate, in a significant project that has both an oral and a written component, their abilities to gather information, to think critically and to integrate the theoretical and/or practical knowledge that they acquired throughout their undergraduate careers, and to reflect on the ethical issues that are implicit in their projects.

Students completing several majors need to complete one Capstone course per major. Because of their unique concept, Capstone courses can never be transferred from another institution, including study abroad. List of current capstone courses (http://registrar.wvu.edu/current_students/capstone_courses).

Individual department requirements may be more directive than the College's core B.A. requirements, so long as those requirements are met. Students who would like for transfer credits to be applied to the College B.A. requirements need to seek approval from the Associate Dean of Undergraduate Studies. Except with the approval of the department chair or degree program coordinator, no upper-division course (300 or 400 level) in the major taken at another institution will be counted toward meeting the requirements of the major. To qualify for graduation, the student must have accumulated a minimum of thirty semester hours at WVU and have completed all university, college, and major requirements in a degree program.

College Requirements

1. Foreign Language. Students completing an Eberly College bachelor of science program are encouraged (but not required) to complete two semesters of one foreign language beyond language taken at the high school level. Individual B.S. programs may require foreign language.
2. Global Cultures and Diversity. Students must satisfactorily complete three semester hours of study of global issues and/or the role of diverse perspectives within contemporary society. Completion of a course that meets GEF Area 7 (Global Studies & Diversity) will fulfill this requirement.
3. Mathematics. Satisfactory completion of MATH 155 or (MATH 153 and MATH 154) is required for students earning an Eberly College B.S. degree.
4. Science. Students must complete a minimum of twenty-one hours of science coursework in each of three disciplines. There are six disciplines: biology, chemistry, computer science, geology/geography, math/statistics, and physics. See list below for applicable courses in these disciplines. Courses used to fulfill this requirement may be used simultaneously to satisfy GEF and or major requirements. See table below for courses applicable to satisfy the B.S. "Science" requirements.
5. Courses used to fulfill the Eberly B.S. requirements may be used simultaneously to satisfy GEF and or major requirements.
6. Grade Point Average. A cumulative GPA of 2.0 is required for graduation. All departments and degree programs in the College require at least a 2.0 (C) cumulative grade point average overall and in the major for admission and graduation; some departments or programs require a higher grade point average (overall or in the discipline) for admission or graduation. See specific departments for requirements.
7. Individual department requirements may be more directive than the College's core B.S. requirements, so long as those requirements are met.

Students who would like for transfer credits to be applied to the College B.S. requirements need to seek approval from the Associate Dean of Undergraduate Studies.

Major Subject Requirements are listed separately in the catalog by department or degree program. To qualify for graduation, the student must have spent at least two semesters and have accumulated a minimum of thirty semester hours and completed major requirements in a degree program. To qualify for graduation, the student must have accumulated a minimum of thirty semester hours at WVU and have completed all university, college, and major requirements in a degree program.

Transfer Credit. Except with the approval of the department chair or degree program coordinator, no upper-division course (300 or 400 level) in the major taken at another institution will be counted toward meeting the requirements of the major.

Credit Limitations**THE FOLLOWING DO NOT COUNT TOWARD THE HOURS REQUIRED FOR GRADUATION:**

1. Courses in which the grade received is other than A, B, C, D, P, or S. Credit by examination, however, is counted toward hours required for graduation unless it was granted for courses otherwise excluded in this list.
2. Any course passed more than once, unless a course is designated as repeatable in the catalog.
3. More than 72 hours of transfer credit from accredited junior or community colleges.
4. More than eighteen semester hours of credit for which only a grade of P is recorded. (See Pass/Fail Grading.)
5. Any course in which the final grade is F. The student must take the course again in residence at WVU if the student wishes to replace the F through the D/F repeat option.

B.S. SCIENCE REQUIREMENT

Students must complete 6-8 credits in the three areas of their choice for a minimum of 21 credits

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BIOL 115 & BIOL 117	Principles of Biology and Introductory Physiology	
Area II-Chemistry		8/10
Select one of the following pairs:		
CHEM 111 & CHEM 112	Survey of Chemistry and Survey of Chemistry	
CHEM 115 & CHEM 116	Fundamentals of Chemistry and Fundamentals of Chemistry	
CHEM 117 & CHEM 118	Principles of Chemistry and Principles of Chemistry	
Area III- Computer Science		8
CS 110 & CS 111	Introduction to Computer Science and Introduction to Data Structures	
Area IV- Geology/Geography		6/7
Select one of the following pairs:		
GEOL 101 & GEOL 102	Planet Earth and Planet Earth Laboratory	
GEOL 110 & GEOL 111	Environmental Geoscience and Environmental Geoscience Laboratory	
GEOG 110 & GEOL 111	Environmental Geoscience and Environmental Geoscience Laboratory	
AND select one of the following:		
GEOL 103 & GEOL 104	Earth Through Time and Earth Through Time Laboratory	
GEOL 203	Physical Oceanography	
GEOL 230	Fossils and Evolution	
Area V- Math/Statistics		6/8
Math/Statistics Option 1:		
MATH 156 & MATH 251	Calculus 2 and Multivariable Calculus	
Math/Statistics Option 2:		
STAT 211 or STAT 215	Elementary Statistical Inference Introduction to Probability and Statistics	
AND select one of the following:		
STAT 312 or STAT 331 or STAT 421 or MATH 156	Intermediate Statistical Methods Sampling Methods Statistical Analysis System (SAS) Calculus 2	
Area VI- Physics		8
Select one of the following pairs:		
PHYS 101 & PHYS 102	Introductory Physics and Introductory Physics	
PHYS 111 & PHYS 112	General Physics and General Physics	

* Students who complete BIOL 101/103 and BIOL 102/104 may substitute BIOL 101, 102, 103 and 104 for BIOL 115. Under this option, students must satisfactorily complete five courses to meet the Area I-Biology requirement for the Bachelor of Science degree: BIOL 101 & BIOL 102 & BIOL 103 & BIOL 104 & BIOL 117.

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- Minimum and Maximum Loads (p. 10)
- Credit by Examination Rules for Eberly College (p. 10)
- Probation and Suspension (p. 10)
- Graduation (p. 11)

Admission to Arts and Sciences Degree Programs

High school students and transfer students are admitted to majors, while some programs require completion of a few basic courses; specific requirements are described in departmental sections that follow. For current students who wish to move to an Eberly degree program, the minimal College requirement for admission is a 2.0 overall average.

Students planning to qualify for teacher certification and earn a degree from the Eberly College of Arts and Sciences should check with their advisers and the College of Education and Human Services to determine the requirements for such certification.

Minimum and Maximum Load

Students should earn 15 credits a semester (or 30 credits a year) in order to stay on track in their 4-year graduation plan. A minimum of twelve hours in a semester is required for full-time status in the Eberly College of Arts and Sciences. No student enrolled in the College may enroll for more than twenty hours in a semester without permission from the Associate Dean for Undergraduate Studies.

Credit by Examination Rules for Eberly College

Credit by examination provides students the opportunity to receive credit in courses by demonstrating that they have acquired sufficient knowledge of a subject without formal enrollment in a course or study in the classroom. This opportunity is offered only to students enrolled full- or part-time at the University. The initiation of a credit-by-examination request does not entitle a student to special in-class instruction or tutoring by an instructor.

Students may petition to receive credit by examination for any course listed by a department in the College as a course for which credit by examination is appropriately awarded. Applications, course lists, and examination schedules are available each semester.

A student may apply to challenge a course for credit by examination if

- The student is at the time of examination registered in the University
- The student's official record does not show credit for the course (i.e., any grade of S, P, A, B, C, D, or I)
- The student is not officially enrolled in the course at the time of examination (a student who withdraws from a course after the end of the official registration period is officially enrolled in that course until the end of the semester, and not eligible to take the course by examination during that semester); and
- A grade of F has not been recorded on the student's record for the course within two calendar years of the date of the examination. A student may challenge the same course by examination only two times

Credit only (not a grade) will be awarded for the successful completion of the examination with a grade of C or higher. Because a comprehensive examination is used to establish credit, it is the policy of the College that a student should demonstrate at least an average (C) knowledge of course content to receive any credit. The criteria for earning a C are made known in advance to students who request the information from the department offering the course examination.

A non-refundable fee is charged for credit by examination and must be paid within the prescribed period prior to each examination period.

Probation and Suspension

ACADEMIC PROBATION

After final grades are complete for the fall semester, the Registrar notifies students who have a GPA of less than a 2.00 and places them on Academic Probation until their GPA reaches the minimum 2.00. Probationary students must remedy their deficiency during the spring semester. Failure to do so will result in Academic Suspension. A student whose GPA is below a 2.0 but is not low enough to qualify for suspension will remain on academic probation.

Eberly students who are placed on Academic Probation sign a contract which outlines schedule, meeting, and GPA requirements. Please see the Eberly website for details.

NOTE: The plan of study and the probation contract will be used at the end of the semester if the student has to file an Academic Suspension and/or a Financial Aid appeal.

DISMISSAL FROM MAJOR

All Eberly majors require that students have a 2.00 overall. At the discretion of the department and the Dean, students with a GPA of 1.9 may be retained within their major. Students who have a GPA below a 1.9 are placed in the General Arts and Sciences major until they bring their GPA to the desired 2.00. At that point, they can either go back to their original major, or switch to another major, either within or outside of the college. Students in the General Arts and Sciences major are advised in the Undergraduate Office, where they can explore their major and career choices. This is a temporary placement, usually for one semester. While students are listed in the General Arts and Sciences program, they must remain in contact with their desired program adviser, who will place a note in DW to attest the student's visit. The Associate Dean will remove the advising hold after students have also met with their desired program adviser.

ACADEMIC SUSPENSION

After final grades are complete for the spring semester, based on their number of attempted hours, the Registrar notifies students who have a deficient GPA (please check the Catalog (http://catalog.wvu.edu/undergraduate/coursecreditstermsclassification/#Suspension_Guid)).

ACADEMIC SUSPENSION APPEALS

Students can file an Academic Suspension appeal by submitting a Suspension Appeal form, along with supporting documentation, to the Associate Dean for Undergraduate Studies. Please refer to College website (<http://eberly.wvu.edu/students/current-students/probation-and-suspension-policy>) for important deadline information. The appeals are heard by a committee of faculty.

READMISSION AFTER SUSPENSION

Students who have been suspended need to reapply to the university. When they come back to WVU, they are placed on Academic Probation until their GPA reaches a 2.00. Students seeking readmission should consult the Undergraduate Studies Office website, under "Student seeking Readmission."

Graduation

There are two different processes that students must complete to graduate.

DIPLOMA REVIEW

The semester before graduation, all candidates for undergraduate degrees in the Eberly College of Arts and Sciences must register (<https://forms.as.wvu.edu/ugrad/view.php?id=16274>) online for graduation review, to allow their records to be evaluated for accuracy of curriculum and for completion of College and University requirements. This process will allow degree candidates to be notified in a timely manner of deficiencies they might be able to address by registering for certain courses during their last semester.

GRADUATION AND DIPLOMA APPLICATION

The semester of graduation, seniors will receive emails from the Registrar's Office and the Undergraduate Studies Office to remind them to fill out a graduation application online through their MIX account. The application is usually available the second week of any given semester for graduation at the end of that term, and remains open for about 6 weeks.

IMPORTANT NOTES:

- No candidate can graduate without completing an application for graduation and diploma.
- Students should not submit their application for graduation if their curriculum is displayed incorrectly in Degree Works; they should contact their adviser immediately to fill out the proper curriculum change forms.
- After submitting their application online, students will receive an email confirmation. Subsequently, they will receive a conditional approval email, or a denial notification. The conditional approval does not guarantee graduation.
- If students do not graduate on the date for which they initially applied, they must re-apply at the beginning of the semester when they will be completing their requirements.

COMMENCEMENT CEREMONY

In addition, students who wish to participate in the Commencement Ceremony (May or December) should register on line through the University Graduation (<http://graduation.wvu.edu>) website the semester of graduation. Participation in the Commencement Ceremony does not mean that a student will graduate and be eligible to receive a diploma.