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 265 faculty members are actively engaged in research and scholarship, publishing approximately 400 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.

Knowledge

• Knowledge of the main principles, facts, concepts, and theories in a major area of concentration
• Knowledge of Western and non-Western civilizations: their distinctive characters (belief systems, languages, intellectual, and artistic contributions), and their origins, development, and present status
• Knowledge and appreciation of the environment in which one operates (physical, biotic, social, technological, aesthetic), including knowledge of change processes (evolutionary, technological, social, intellectual) and knowledge of past adaptations as a basis for predicting the consequences of contemporary actions and changes
• A knowledge and appreciation of the arts, of their humanizing and energizing effects, and of one’s connection with the arts through one’s impulses toward creativity
• A familiarity with the various technical languages (statistics, linguistics, etc.) that are increasingly necessary to understand the major approaches in the sciences and humanities

Skills

• Skills in the sophisticated techniques of a major area of concentration
• Skills in communication using a variety of channels including writing, speaking, reading, listening, and viewing
• Skills in analyzing and solving problems by recognizing ambiguities, using proper logic, marshaling pertinent facts and arguments, and using mathematical techniques where appropriate
• Skills in the use of the imaginative and synthetic processes of the mind, including innovative thinking and recognition of the connections among a variety of intellectual frameworks and matrices.
• Skills involved in decision making, including the ability to recognize alternatives, project consequences, and assume the responsibility for making decisions.

Attitudes

• An attitude of dispassionate self-appraisal based upon an understanding of one’s own nature and characterized by an awareness of one’s own strengths and weaknesses
• An attitude of open-mindedness, permitting one to see beyond the limits of one’s own occupation, economic status, language, and culture, and including a respect for opinions different from one’s own
• A willingness to recognize and respect ethical obligations and the rights of others
• A commitment to truth-seeking, characterized by objectivity, utilization of evidence, intellectual curiosity, and the search for wisdom
Admission to Arts and Sciences Degree Programs

High school students and transfer students are admitted to major or pre-major programs.

Minimal College requirements for admission into most degree programs are a 2.0 overall average, and a defined minimum average in courses already completed in the discipline of the degree program. Specific requirements are described in departmental sections that follow.

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

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 nineteen 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.

Application for Graduation and Diploma

All candidates for degrees in the Eberly College of Arts and Sciences must complete an application for graduation and diploma in 221 Armstrong Hall. The application should be completed during the semester prior to the candidate’s expected semester of graduation to allow the student’s records to be evaluated for completion of College and University requirements. If a student does not graduate on the date for which the student applied initially, the student must re-apply for a later date. No candidate can graduate without completing an application.

Administration

Dean
- Robert H. Jones - Ph.D. (SUNY College)

Associate Deans
- Joan S. Gorham - Ed.D. (Northern Illinois University)
  Academic Affairs
- Valérie Lastinger - Ph. D.
  Interim, Undergraduate Studies
- Hawley Montgomery-Dawns - Ph.D. (University of Connecticut)
  Interim, Research and Graduate Studies
- Asuntina S. Levelle - J.D.
  Financial Planning and Management
• Michael Perone - Ph.D. (University of Wisconsin)
  Faculty

Assistant Dean
• Katie Stores - Ph.D. (West Virginia University)
  Research

Bachelor of Arts
• Biochemistry
• Biology
• Chemistry
• Communication Studies
• Criminology
• Economics
• English
• Environmental Geoscience
• Geography
• History
• Individualized Major
• International Studies
• Latin American Studies
• Mathematics
• Multidisciplinary Studies
• Philosophy
• Physics
• Political Science
• Psychology
• Religious Studies
• Slavic and East European Studies
• Social Studies
• Sociology and Anthropology
• Women’s and Gender Studies
• World Languages

B.A. Requirements
Students must complete WVU General Education Curriculum requirements, College B.A. requirements, major requirements, and electives to total 128 hours.

1. 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 GEC requirement.

2. International Studies. Students must satisfactorily complete three semester hours of study of foreign countries or cultures other than those of modern western Europe or Canada, and/or their role and interaction within the contemporary international system. Completion of a course that meets GEC Objective 9 (non-western cultures) will fulfill this requirement.

3. Fine Arts. Students must satisfactorily complete a minimum of three semester hours focused on the fine arts. Completion of a course that meets GEC Objective 5 (artistic expression) will fulfill this requirement.

4. Grade Point Average. A cumulative GPA of 2.0 is required for graduation.

5. Individual department requirements may be more directive than the College’s core B.A. requirements, so long as those requirements are met.
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 if the student wishes to replace the F through the D/F repeat option.

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 128, and a student earns forty-six hours in COMM (42 + 4), that student will require 132 hours to graduate (128 + 4). If the minimum hours for graduation is 128, and a student earns forty-three hours in PSYC (42 + 1), that student will require 129 hours to graduate (128 + 1).

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 128 hours required for graduation.

3. For foreign languages, the 42-Hour count excludes the six 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 sociology and anthropology (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.

Eberly College of Arts and Sciences Program Degree Requirements

- 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.

- 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.

- Grade Point Average. All departments and degree programs in the College require at least a 2.0 (C) cumulative grade point average for admission; some departments or programs require a higher grade point average (overall or in the discipline) for admission or graduation. See specific departments for requirements.

Bachelor of Science

- Biology
- Chemistry
- Computer Science
- Forensic and Investigative Science
- Geology
- Industrial Mathematics and Statistics
- Mathematics
- Physics
- Psychology
B.S. Requirements

Students must complete WVU General Education Curriculum requirements, College B.S. requirements, major requirements, and electives to total 128 hours.

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. International Studies. Students must satisfactorily complete three semester hours of study of foreign countries or cultures other than those of modern western Europe or Canada, and/or their role and interaction within the contemporary international system. Completion of a course that meets GEC Objective 9 (non-western cultures) 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, with a minimum of two courses in each of three disciplines, selected from the following pairs of courses. There are six disciplines: biology, chemistry, computer science, geology/geography, math/statistics, and physics. Courses used to fulfill this requirement may be used simultaneously to satisfy GEC and or major requirements.

5. Courses satisfying the B.S. science requirement are the following:

6. Grade Point Average. A cumulative GPA of 2.0 is required for graduation. Individual department requirements may be more directive than the College's core B.S. requirements so long as those requirements are met.

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

<table>
<thead>
<tr>
<th>Area</th>
<th>Course</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Area I- Biology</td>
<td>BIOL 115 &amp; BIOL 117</td>
<td>Principles of Biology and Introductory Physiology</td>
</tr>
<tr>
<td>Area II-Chemistry</td>
<td>CHEM 111 &amp; CHEM 112</td>
<td>Survey of Chemistry and Survey of Chemistry</td>
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<td>CHEM 115 &amp; CHEM 116</td>
<td>Fundamentals of Chemistry and Fundamentals of Chemistry</td>
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<tr>
<td></td>
<td>CHEM 117 &amp; CHEM 118</td>
<td>Principles of Chemistry and Principles of Chemistry</td>
</tr>
<tr>
<td>Area III- Computer Science</td>
<td>CS 110 &amp; CS 111</td>
<td>Introduction-Computer Science and Introduction-Data Structures</td>
</tr>
<tr>
<td>Area IV- Geology/Geography</td>
<td>GEOL 101 &amp; GEOL 102</td>
<td>Planet Earth and Planet Earth Laboratory</td>
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<td>GEOL 110 &amp; GEOL 111</td>
<td>Environmental Geoscience and Environmental Geoscience Lab</td>
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<td>GEOG 110 &amp; GEOL 111</td>
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<td></td>
<td>GEOL 103 &amp; GEOL 104</td>
<td>Earth Through Time and Earth Through Time Laboratory</td>
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<td></td>
<td>GEOL 203</td>
<td>Physical Oceanography</td>
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<td></td>
<td>GEOL 230</td>
<td>Fossils and Evolution</td>
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<tr>
<td>Area V- Math/Statistics</td>
<td>MATH 156 &amp; MATH 251</td>
<td>Calculus 2 and Multivariable Calculus</td>
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<tr>
<td>Math/Statistics Option 1:</td>
<td>STAT 211 or STAT 215</td>
<td>Elementary Statistical Inference or Intro Probability &amp; Statistics</td>
</tr>
<tr>
<td>Math/Statistics Option 2:</td>
<td>STAT 312 or STAT 331</td>
<td>Intermediate Statistical Methods or Sampling Methods</td>
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Select one of the following pairs:

<table>
<thead>
<tr>
<th>Course Pair</th>
<th>Subject</th>
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<tbody>
<tr>
<td>PHYS 101 &amp; PHYS 102</td>
<td>Introductory Physics and Introductory Physics</td>
</tr>
<tr>
<td>PHYS 111 &amp; PHYS 112</td>
<td>General Physics and General Physics</td>
</tr>
</tbody>
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The following do not count toward the hours required for graduation:

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2. Any course passed more than once, unless a course is designated as repeatable in the catalog.
3. More than seventy-two 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.

- 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.
- 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.
- Grade Point Average. All departments and degree programs in the College require at least a 2.0 (C) cumulative grade point average for admission; some departments or programs require a higher grade point average (overall or in the discipline) for admission or graduation. See specific departments for requirements.

Additional Degree Options

In addition to our BA and BS degrees the Eberly College of Arts and Sciences also offers the following degrees:

- Bachelor of Multidisciplinary Studies (B.MdS.)
- Bachelor of Social Work (B.S.W.)

Information on the degree requirements for these degrees can be found on the Multidisciplinary Studies and Social Work program pages respectively.

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

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 XXXX 204 or the equivalent, as determined by the Department of World Languages, Literatures, 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.

Professional Writing and Editing

English majors can also earn a Professional Writing and Editing Certificate (please see English Department Catalog section).