College of Arts and Science

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The College of Arts and Science, established in 1841, is the oldest and largest academic division in the university. The majority of MU undergraduates are enrolled in the college, which provides undergraduate and graduate programs in humanities, fine and performing arts, and social, behavioral and natural sciences. It also offers a solid foundation in basic studies for students in professional and specialized programs in other colleges. In addition to offering degrees in a wide range of academic disciplines, the College also allows creative and useful combinations of disciplines in both the Interdisciplinary Studies and General Studies baccalaureate degrees.

A liberal education is the foundation of study in many disciplines. It enables students to serve roles in society or to continue their education with advanced academic study. To these ends, the college encourages excellence in teaching and scholarship among its faculty and provides both traditional and innovative undergraduate curricula. Degree programs allow flexibility in individual courses of study.

Many students who enroll in the college during their first two years at the University have not yet decided upon a major field of study. The structure of the college is such that students generally need not commit themselves to a major until the beginning of the junior year. This allows students time to explore possibilities and to consider their likes and dislikes and their personal and professional objectives. Students are encouraged to work closely with academic advisors while deciding on a program of study.

Students planning to enter the schools of Journalism, Law, Medicine or Veterinary Medicine often spend their first two or four years in the College of Arts and Science in preparation for professional training. Most students, realizing the increased necessity for a broad background in the liberal arts for all professions, earn an undergraduate degree in the college before enrolling in the schools of Law or Medicine. Preprofessional study for veterinary medicine may be completed either in the College of Agriculture, Food and Natural Resources or in the College of Arts and Science.

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College of Arts and Science Requirements

To earn any degree from the College of Arts and Science, in addition to the university requirements a candidate must fulfill each of the following:

- Complete all course work required for the Arts and Science Foundation Requirements.
- Basic Skills, Breadth of Study and Depth of Study requirements
- Sufficient elective credits to bring the total earned credits to 120
- Earn a GPA of 2.0 in the following categories:
  - A minimum 2.0 cumulative MU GPA
  - A minimum 2.0 MU GPA in all courses taken in the major
  - A minimum 2.0 MU GPA in all courses taken in the minor, if student is completing one
- Attain grades of C- or higher in the major and optional minor. Some departments of the college have higher minimum grade requirements in specified courses.
- Earn a minimum of 30 credits in courses numbered 3000 or above, which may include courses in the major. These courses must be regularly accepted for credit in the College of Arts and Science. A few specifically identified math, science, and music courses numbered at the 2000-level may be used to meet this requirement. Additional information is available in appropriate advising offices
- Completion of a course that meets the college’s diversity (DI) requirement.

Credit Restrictions

Time Limit on Credits Earned

Credit that is applied toward a degree is considered valid for eight years. After that time, the validity of credit already on the transcript will be reevaluated. Departments of the college have the right to accept or to reject credit earned after eight years have passed.

Credit Toward Degree

Some courses are not accepted toward a degree in the College of Arts and Science. They are:

- ...
• MIL_SC 1100, MIL_SC 1130, MIL_SC 2210 and MIL_SC 2230
• Vocational courses, such as radio repair or keyboarding
• Developmental courses, such as MATH_0110, English Language Support Program courses, spelling and grammar

**Sequence**

Credit for a more advanced course within a sequence will not apply toward graduation if a student subsequently completes a less advanced course. (For example: completion of FRENCH 1200 after FRENCH 2100 or completion of MATH 1100 after MATH 1300.)

**Maximum Credit Policies**

- With the exception of MATH 1100, MATH 1120 (or equivalent), ENGLISH 1000 (or equivalent), and the elementary sequence in a foreign language, the maximum number of credits from a single department that may apply toward graduation is 40 for the BA and the BGS, 70 for the BFA, and 90 for the BM.
- A maximum of 5 credits for BIO_SC 2060 (or BIO_SC 3100) and BIO_SC 3650 may apply toward graduation.
- A maximum of 5 credits for MATH 1100, MATH 1120, MATH 1140, MATH 1160 and MATH 1180 may apply toward graduation.
- A maximum of 5 credits for MATH 1320, MATH 1400 and MATH 1500 may apply toward graduation.
- A maximum of 10 credits for introductory chemistry, which includes CHEM 1310 (or CHEM 1100), CHEM 1320, CHEM 1330 and CHEM 1500H, may apply toward graduation.
- A maximum of 1 credit for ABM 3285 may apply toward graduation.
- For non-music majors, a maximum of 6 credits for music ensemble courses, which include MUS_ENS 1841, MUS_ENS 1842, MUS_ENS 1846, MUS_ENS 1865 and MUS_ENS 2843, may apply toward graduation.
- For non-music majors, a maximum of 12 credits for applied music courses, which include MUS_APMS 1435, MUSIC_NM 1445, MUSIC_NM 2445, MUS_APMS 3455, MUS_APMS 3970, MUSIC_NM 4445 and MUSIC_NM 4445, may apply toward graduation.
- For non-art majors, a maximum of 12 credits for studio art courses may apply toward graduation. For Interdisciplinary Studies majors with no emphasis area, the maximum is 18 credits, and for General Studies majors, the maximum is 21 credits.
- A maximum of 2 credits for physical education activity courses may apply toward graduation.

**Departmental Examinations**

A student who wishes to take a departmental examination must take it before enrolling in a college class in the same subject. Applications normally are made to the departments indicated; however, during the summer preregistration period, some examinations can be taken at the MU Testing Service Office without formal application to the respective departments. In addition, the examinations administered by Testing Services may be taken any time during the academic year.

Students may not earn credit for introductory foreign language courses in their native language.

- **Chemistry**: Apply to the Department of Chemistry, 125 Chemistry Building, for an examination to earn credits in chemistry.
- **Latin**: Apply to the Department of Classical Studies, 405 Strickland Hall.
- **Mathematics**: To earn 3 credits in College Algebra, students may take the proctored ALEKS Exam through the Office of Testing Services. (mathplacement.missouri.edu)
- **Political Science**: Contact the group testing program in the Testing Services Office for information on the 3-credit group test.
- **Statistics**: Apply to the Department of Statistics, 146 Middlebush Hall, for an examination to earn 3 credits for STAT 1300 Elementary Statistics.

**Maximum Credits Enrolled**

With the consent of the dean, students with superior scholastic records may be allowed to register for more than 18 credits during a fall or spring semester. During the summer sessions, a student may not ordinarily be enrolled for more than 9 credits during the two four-week sessions combined and/or the eight-week session.

**Enrolling at Other Institutions**

Students within the College of Arts & Science are allowed to enroll in another institution, while being simultaneously enrolled at MU. Students are strongly encouraged to speak with an advisor to verify course transfer credit, degree applicability and other academic ramifications. Students, however, bear the ultimate responsibility for checking course equivalencies and requesting official transcripts be sent to the MU Office of Admissions (230 Jesse Hall). Similarly, A&S students who are likely to qualify for Latin honors are advised not to risk their eligibility for this distinction because of simultaneous enrollment at another institution (see information on Latin honors). Students who receive financial aid are advised to check with a financial aid officer to learn the implications, if any, of simultaneous enrollment in a non-MU course.

**Graduation with Latin Honors**

Regulations of the college regarding the awarding of Latin honors require that 54 of the final 60 credits are completed in MU course work for a letter grade (A-F). Awarding of Latin Honors is based on the cumulative GPA. The local chapter of Phi Beta Kappa requires completion of a minimum of 60 credits of course work on the MU campus, usually during the last two years of study. Exceptions to this latter expectation may be made for students who study abroad in an approved program during their final semesters of study.

**Probation and Dismissal**

**Academic (Scholastic) Standing**

In addition to University requirements defined in the Academic Standing (http://catalog.missouri.edu/academicpolicies/academicstanding) section of this catalog and in the Faculty Handbook (http://facultycouncil.missouri.edu/handbook/article-8.html), academic status of Arts and Science students is determined in accordance with the following faculty guidelines. In addition to semester-based courses, self-paced, intersession, summer and extension coursework also has a bearing on academic status.

- Students on scholastic probation have two semesters, (as long as each semester GPA is no lower than 1.0), in which to attain good academic standing (2.0 minimum term and cumulative GPA) or be subject to dismissal.
• A student on probation may not be allowed to participate in a study abroad program or internship opportunities.
• In the application of these rules, the dean will determine how an incomplete grade in a course will be considered in determining a student's academic standing.
• The dean may, in extenuating circumstances, waive any of the foregoing regulations governing eligibility to re-enroll for an individual student.

Degree Requirements

Arts and Science Foundation Requirements

The purpose of the Arts and Science Foundation Requirements is to assure that students fulfill the common educational objectives of the College of Arts and Science. Courses satisfying these requirements impart specialized knowledge and help students fulfill the broader objectives of a liberal education. Thus, these courses help students develop the following abilities:

• To communicate clearly and effectively in both writing and speech
• To generate and test hypotheses
• To locate and develop information needed to solve problems
• To think critically and use analytic skills effectively
• To examine their lives critically and objectively
• To enrich their lives through appreciation of present and past cultural achievements

Foundation requirements include three categories:

• **Basic Skills** requirements ensure competency in composition and communication, mathematics and analytic reasoning, awareness of American history and government, and where applicable, foreign language.
• **Breadth of Study** requirements are met by completing course work from a wide array of disciplines to ensure that graduates are broadly educated.
• **Depth of Study** requirements are met by completing advanced course work that allows for fuller understanding of a discipline than can be gained in introductory course work alone.

All students must complete all Arts and Science Foundation Requirements in order to earn a degree, regardless of prior baccalaureate degrees earned. Course work will be evaluated on a course-by-course basis. For students who earn an Associates of Arts degree from a Regionally accredited Missouri institution all Breadth of Education requirements will be considered to be met. Students will be required to complete at least one Depth of Education class with MU course work. In all cases, completion of the basic English and Mathematics requirements will be evaluated on a course-by-course basis.

**Basic Skills**

- MATH 1100, MATH 1160, Math 1050, MATH 1120, STAT 1200 or transferable equivalent with grade of C- or higher
- Required for BA, BFA, BGS, BM and BS degrees.
- Majors will require specific course(s) to meet this requirement.

**ENGLSH 1000** or transferable equivalent with grade of C- or higher
- Required for BA, BFA, BGS, BM and BS degrees.

One Math Reasoning Proficiency course with grade of C- or higher

• Required for BA, BFA, BGS, BM and BS degrees.
• May also apply toward other degree program requirements.
• Must be chosen from the list of MRP courses designated each semester in the online Schedule of Courses.
• Not required for First Time College Students Summer 2019 or after.

One course in American government or history (per university General Education Requirement)

• Required for BA, BFA, BGS, BM and BS degrees.
• May also apply as a social science toward the behavioral and social science requirement.
• Should be chosen from the list of MU courses approved to meet Arts and Science Foundation Requirements.

**Foreign language**

- Each student is required to attain the degree of proficiency equivalent to the completion of at least 12 hours of college-level work in a single foreign language. All MU foreign language departments require a grade in the C range or higher in level I or a language and level II of a language as prerequisites for level II and III, respectively.
- Alternative for selected BS degrees: 12 credits numbered 2000 or above in an area approved by the major department substituted with the concurrence of the dean's office.
- The foreign language requirements can be waived if a student has completed four units of a single foreign language in high school. If a student chooses to meet the requirement by using high school units, any college credit for that same introductory language will not count towards graduation hours (i.e., a student who has completed 4 units of high school Spanish and has credit for SPAN 1100 will not have the SPAN 1100 count towards graduation hours). If a student wants to have the introductory college credit count towards graduation, the student must complete the language sequence.
- International students whose native language is other than English are exempt from the foreign language requirements but may not receive credit for basic skills courses in their native languages. Others with native competence in one or more foreign language offered by MU may have a foreign language requirement waived by passing an exam given by a faculty member who is fluent in the language. The faculty member need not be a member of the MU faculty, but must be approved by the dean’s office. The exam tests the student’s ability to read, write, and speak the language at the level broadly described as “intermediate.” Results of the examination are forwarded to the dean’s office for evaluation. Students in this situation do not receive advanced-standing credit for their foreign language knowledge.

**Breadth of Study**

Breadth of Study requirements include course work distributed among the following categories: biological, physical and mathematical sciences; behavioral and social sciences; humanities and fine arts.

1. **Biological, physical and mathematical sciences**

   9 credits required for BA, BFA, BGS, BM and BS degrees.
   - Must include course work from at least two of three areas.
   - Must include at least one biological or physical science laboratory course.

2. **Behavioral and social sciences**

   9 credits required for BA, BGS, BM and BS degrees (except for the BS degree with majors in Biological Sciences and Psychology).
3. Humanities and fine arts
   9 credits required for the BFA, BGS, BM and BS degrees (except for the BS degree with majors in Biological Sciences and Psychology).
   - Must include course work from at least two different areas.
   - 12 credits required for the BA degree, and the BS degree with majors in Biological Sciences and Psychology.
   - Must include course work from at least three different areas.

4. Additional breadth requirement for the BGS degree
   3 credits from course work chosen from any of the following four categories: biological, physical and mathematical sciences; behavioral sciences; social sciences; humanities and fine arts.

Parameters for meeting Breadth of Study requirements:
- Courses from the major department may not be used for breadth requirements in the BA, BFA and BS.
- Courses from the major department may be used for breadth requirements in the BM.
- Students earning degrees in special degree programs (where the courses in the major represent multiple departments) may use courses from their major departments to meet breadth requirements, but not the specific courses used in the major.
- Courses from outside the major department but required for the major may not be used to meet breadth requirements in the BFA or BA with a major in Art.
- Only one non-Arts and Science course may be used in each of the four categories: biological, physical and mathematical sciences; behavioral sciences; social sciences; humanities and fine arts.
- Courses must be chosen from the Distribution of Content List on the web site of the General Education Program. (http://generaleducation.missouri.edu/requirements/distribution.php)
- Courses used to meet breadth requirements may also be used to meet depth requirements (see below).
- Problems, research, readings, and internship courses may not be used for breadth requirements.

Depth of Study
Depth of Study requirements include at least 6 hours of course work numbered 2000 or above, distributed as follows:

BFA in Art
- 6 credits required (minimum of 2 courses).
- Must include course work from at least two of the following four breadth categories: biological, physical, mathematical sciences; behavioral sciences; social sciences; humanities and fine arts.

BGS in General Studies, all BA degrees, and BS with majors in Biological Sciences and Psychology
- 9 credits required (minimum of 3 courses).
- Must include course work from at least two of the following four breadth categories: biological, physical and mathematical sciences; behavioral sciences; social sciences; humanities and fine arts.

BS with majors in Chemistry, Geological Science, Mathematics, Physics and Statistics
- 6 credits required (minimum of 2 courses).
- Must include course work from at least two of the following three breadth categories: behavioral sciences; social sciences; humanities and fine arts.

BS with a major in Economics
- 6 credits required (minimum of 2 courses).
- Must include course work from at least two of the following three breadth categories: biological, physical and mathematical sciences; behavioral sciences; social sciences.

BS with a major in Philosophy
- 6 credits required (minimum of 2 courses).
- Must include course work from at least two of the following three breadth categories: biological, physical and mathematical sciences; behavioral sciences; social sciences.

BM with a major in Music
- 6 credits required (minimum of 2 courses).
- Must include course work from at least one of the following three breadth categories: biological, physical and mathematical sciences; behavioral sciences; social sciences.
- 3 credit hours in Music (see below).

Parameters for Meeting Depth of Study Requirements
- All courses must be numbered 2000 or above.
- At least 3 credits must be completed with MU course work.
- A student who elects 1-credit topics courses must complete a minimum of three courses in that breadth category as partial fulfillment of the depth of study requirement.
- Courses from the major department may not be used, except for the BM with a major in Music.
- Students earning degrees in special degree programs (where the courses in the major represent multiple departments) may use courses from their major departments to meet depth requirements, but not the specific courses used in the major.
- Courses from outside the major department, but required for the major, may not be used to meet depth requirements in the BFA or BA with a major in Art, the BA or BS with a major in Biology, or the BA with a major in Chemistry, Geological Science, Mathematics, Physics, or Statistics.
- Three hours (one course) of non-Arts and Science coursework may be used towards partial fulfillment of the depth of study requirement.
- Courses must be chosen from the Distribution of Content List (http://generaleducation.missouri.edu/requirements/distribution.php) on the website of the General Education Program.
• Courses used to meet depth requirements may also be used to meet breadth requirements.
• Problems, research, readings, and internship courses may not be used.

Major Program Requirements
A major consists of at least 21 credits, including at least 15 credits in courses numbered 2000 or above, 12 of which must be taken in MU course work. See detailed departmental information for additional requirements for specific majors.

All Arts and Science majors require an MU Writing Intensive course numbered 3000 or above and an MU capstone course with grades of C- or higher. In addition, some majors require course work outside the major department.

Each student must declare and receive official approval for a major by submitting a graduation plan no later than the semester after completion of 60 credits. The purpose of the graduation plan is to acquaint students with all requirements that must be met prior to graduation and to plan for the timely completion of these requirements. Departments and programs approve the graduation plan only when the student has met the following criteria:

• Completion of ENGLSH 1000 and MATH 1100 or MATH 1120 (or their equivalents) with grades of C- or higher
• Completion of any additional departmental requirements

Requirements for an Optional Minor
A minor consists of at least 15 credits, including at least 6 credits numbered 2000 or above, within a department or program that offers a minor; 9 of the required credits must be taken in MU course work. This requirement can be reduced from 9 to 6 at the discretion of an individual department. See detailed departmental information for additional requirements for specific minors. Courses outside the major department but required for the major may be used towards a minor. In addition, courses required in the minor may be used to meet Foundation requirements.

The College of Arts and Science awards minors only to undergraduate students who are simultaneous recipients of bachelor’s degrees. Students may not earn a major and a minor in the same field.

Requirements for an Optional Certificate
A certificate consists of at least 12 credits which must be taken in MU course work. See detailed information for additional requirements for specific certificates. Courses required for the certificate may be used to meet major, optional minor or Foundation requirements.

The College of Arts and Science awards certificates only to undergraduate students who are simultaneous recipients of bachelor’s degrees. Student may not earn a certificate and a minor in the same field.

Internships
In order to participate in an internship, a student must be in good academic standing (not on probation) and have completed at least one semester of college coursework after graduation from high school.

Dual Degrees
In order to receive two bachelor’s degrees, a student must complete a minimum of 132 credits and complete all of the specific requirements for both degrees. Normally, a minimum of one additional semester is required to earn both degrees. Each candidate for a dual degree is assigned advisors as appropriate.

The College of Arts and Science maintains dual-degree programs with the schools of Law, Medicine and Veterinary Medicine. To enroll in these programs, the student must have completed all of the specific course requirements for the bachelor’s degree prior to admission to the professional school and also must have completed the junior year in residence in the College of Arts and Science. Under certain circumstances, Arts and Science undergraduates may be assured admission to MU’s schools of Law or Medicine.

Second Degrees
The faculty of the college has approved the following guidelines for students wishing to obtain a second undergraduate degree after completion of a bachelor’s degree, in addition to any university requirements that may apply:

• A student must complete any college, general education or department requirements that are unique to the new degree program.
• Students applying for second-degree status will be considered only if they have completed (with grades C- or higher) ENGLSH 1000 and MATH 1100 or MATH 1120 (or equivalents) and have final term and cumulative GPAs no less than 2.0.
• The student must submit a graduation plan in consultation with an advisor in an appropriate department or program before the dean’s office will approve a request from the student to enroll as a candidate for a second degree.
• With the exception of Interdisciplinary Studies majors with an emphasis in Black Studies, Peace Studies, or Women’s and Gender Studies, the college does not approve applications for a second undergraduate degree in General Studies or Interdisciplinary Studies.
• A student who has earned a degree in Interdisciplinary Studies (excluding those with emphasis areas in Black Studies, Environmental Studies, Peace Studies, and Women’s and Gender Studies) or General Studies may not pursue a second degree in a field that was used as a component of the first degree.
• Once enrolled for a second degree, a student is committed to enrolling in course work required for completion of that degree. A student will not be allowed to continue as a candidate for a second undergraduate degree if not enrolled in courses required for the second bachelor’s degree.

Double Majors
A number of Arts and Science students choose to complete multiple majors while earning one degree. The requirements of each major, along with requirements for the degree, must be completed. Often, this does not result in the addition of hours to the degree program.

Graduate Dual Enrollment
A final-semester senior may dually enroll in the College of Arts and Science and the Office of Graduate Studies with permission of the deans.
of both divisions. This enables the student to complete some graduate course work prior to receiving the bachelor’s degree.

The student must be within 15 credits of completion of the bachelor’s degree and must rank in the upper half of the class.

Application forms for dual enrollment in these two schools may be obtained from the Office of Graduate Studies in 210 Jesse Hall.

**Advising**

Students who have declared a major are assigned an advisor in that department. Students who have not yet decided on a major are assigned to a professional advisor in the Student Success Center.

**Career Placement**

Employment opportunities in the various disciplines of the liberal arts vary greatly. Most departments in the college have printed information available describing employment opportunities. The MU Career Center in the Student Success Center offers students a variety of career planning services.

**Air Force Reserve Officer Training Corps (AFROTC)**

The AFROTC provides the opportunity to become a United States Air Force officer while completing a college degree. The program combines traditional undergraduate education with military instruction in preparation for Air Force leadership challenges. Each semester academic AFROTC classes will build a foundation for application to a two-hour Leadership Lab. Scholarships are available. Visit www.afrotc.com for the most current information. After graduating from college and successfully completing all AFROTC requirements, cadets receive a commission as second lieutenant with an obligation of four years of service in the active duty Air Force. Pilots incur a ten-year commitment from the date of graduation from pilot training. A few additional career fields require a six or eight year commitment.

MU also offers a Minor in Aerospace Studies (http://catalog.missouri.edu/undergraduategraduate/collegeofartsandscience/additional-minors-certifications/Minor-aerospace-studies).

For additional information contact:

Department of Aerospace Studies
217 Crowder Hall
(573) 882-7621
airforce.missouri.edu

**Army Reserve Officer Training Corps (AROTC)**

Army ROTC is a college elective program that teaches the skills needed to succeed in the Army or the corporate world. Students combine classroom time with hands-on experience and learn leadership and management skills. The experience of Army ROTC provides the confidence needed to excel in college and beyond. The Army ROTC program can be completed through a two- to four-year program designed to develop young men and women into junior commissioned officers in the Active Army, Army Reserve, or Army National Guard. In addition to traditional combat roles, Army officers serve in such professional fields as aviation, medical service, finance, personnel management, communications and engineering. MU also offers a Minor in Military Science (http://catalog.missouri.edu/undergraduategraduate/collegeofartsandscience/additional-minors-certifications/Minor-military-science).

For additional information contact:

Department of Military Science and Leadership
202 Crowder Hall
(573)-882-7721
http://armyrotc.missouri.edu/

**Graduate**

The College of Arts and Science is home to a broad spectrum of disciplines that prepare graduate students for challenging and rewarding careers. Our faculty mentors are known for both research and teaching excellence and many have received national acclaim for discoveries, disciplinary leadership, creative works and music or theater performance. The School of Music (http://catalog.missouri.edu/undergraduategraduate/collegeofartsandscience/music/#graduatetext), housed within the College, offers masters degrees, a doctoral degrees and a graduate certificate in jazz studies. Music education degrees are offered in conjunction with the College of Education, Department of Learning, Teaching and Curriculum.

Note: Prospective graduate students must apply to both the degree program of interest and to the Office of Graduate Studies. In most cases, the entire application process may be completed online. Find admission and application details by selecting the degree program of interest in the left navigation column.