

Welcome to the College of Arts and Sciences

The Arts & Sciences Curriculum Guide and Advising Handbook is updated annually. You are encouraged to use this guide in planning your Bachelor of Arts or Bachelor of Science degree in the College of Arts and Sciences at the University of Tennessee.

Inside you will find curriculum requirements and course listings necessary to fulfill your Arts and Sciences degree. For particular major requirements and other course-related questions, please contact your advisor and consult the Undergraduate Catalog.

The course offerings and requirements of the University of Tennessee are continually under examination and revision. This curriculum guide presents the offerings and requirements in effect at the time of publication, but there is no guarantee that curriculum will not be changed or revoked. Current information may be obtained from the following sources:

- Admission Requirements: Office of Undergraduate Admissions (865) 974-2184
- Course Offerings: Contact the department offering the course*
- Degree Requirements: Faculty advisor, head of major department, or college advising center
- Registration, enrollment status, and financial aid: One Stop Student Services (865) 974-1111

*Refer to the Student Resources and College and Department Directory in this booklet for a more comprehensive list of resources and contact information at the University of Tennessee

THE UNIVERSITY OF TENNESSEE, KNOXVILLE
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A project of the UT College of Arts and Sciences

ARTS AND SCIENCES UNDERGRADUATE CURRICULUM 2016-2017

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COLLEGE AND DEPARTMENT DIRECTORY

| | | |
|--|---|----------|
| Africana Studies | 1206 McClung Tower | 974-5052 |
| American Studies | 217 McClung Tower | 974-7166 |
| Anthropology | 250 South Stadium Hall | 974-4408 |
| Art | 213 Art and Architecture Building | 974-3407 |
| Asian Studies | 416 Art and Architecture Building | 974-4267 |
| Astronomy | 401 Nielson Physics Building | 974-3342 |
| Biochemistry, Cellular & Molecular Biology | M407 Walters Life Sciences Building | 974-5148 |
| Biology, Division of | 402 Hesler | 974-6841 |
| Chemistry | 552 Buehler Hall | 974-3141 |
| Cinema Studies | 413 McClung Tower | 974-6963 |
| Classics | 1101 McClung Tower | 974-5383 |
| Earth and Planetary Sciences | 306 Earth and Planetary Sciences Building | 974-2366 |
| Ecology and Evolutionary Biology | 569 Dabney Hall | 974-3065 |
| Economics | 507 Stokely Management Center | 974-3303 |
| English | 301 McClung Tower | 974-5401 |
| Geography | 304 Burchfiel Geography Building | 974-2418 |
| Global Studies | 713 McClung Tower | 974-7010 |
| History | Dunford Hall, 6th Floor | 974-5421 |
| Judaic Studies | 501 McClung Tower | 974-2466 |
| Language and World Business | 701 McClung Tower | 974-2311 |
| Latin Americana & Caribbean Studies | 1015 McClung Tower | 974-7043 |
| Linguistics | 311 McClung Tower | 974-6965 |
| Mathematics | 227 Ayres Hall | 974-2461 |
| Medieval & Renaissance Studies | Greve Hall, 6th Floor | 974-1859 |
| Microbiology | M409 Walters Life Sciences Building | 974-3441 |
| Modern Foreign Languages & Literatures | 701 McClung Tower | 974-2311 |
| Music | 117 Natalie L. Haslam Music Center | 974-3241 |
| Philosophy | 801 McClung Tower | 974-3255 |
| Physics | 401 Nielson Physics Building | 974-3342 |
| Political Science | 1001 McClung Tower | 974-2261 |
| Psychology | 307C Austin Peay | 974-3328 |

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| | | |
|--|---|----------|
| Religious Studies | 501 McClung Tower | 974-2466 |
| Sociology | 901 McClung Tower | 974-6021 |
| Statistics | 255 Stokely Management Center | 974-4116 |
| Sustainability | 315 Earth and Planetary Sciences Building | 974-6359 |
| Theatre | 206 McClung Tower | 974-6011 |
| Women's Studies | 310 Jessie Harris Building | 974-2409 |
| OTHER UNIVERSITY DEPARTMENTS AND RESOURCES | | |
| Agricultural Sciences and Natural Resources | | |
| Agriculture | 126 Morgan Hall | 974-7303 |
| Agricultural and Resource Economics | 302 Morgan Hall | 974-7231 |
| Agricultural Leadership, Education, & Communications | 320 Morgan Hall | 974-7371 |
| Animal Science | 149 Brehm Animal Science | 974-7286 |
| Biosystems Engineering & Soil Science | 101 BESS | 974-7266 |
| Entomology & Plant Pathology | 370 Plant Science Building | 974-7135 |
| Food Science and Technology | 101 Food Safety & Processing Building | 974-7331 |
| Forestry, Wildlife, and Fisheries | 274 Ellington Plant Science Building | 974-7126 |
| Plant Sciences | 252 Ellington Plant Science Building | 974-7324 |
| Architecture and Design | | |
| Advising Center | 224 Art and Architecture Building | 974-5265 |
| Education, Health, and Human Sciences | | |
| Advising Center | A332 Bailey Education Complex | 974-8194 |
| Engineering | | |
| Engineering Advising | 316A Perkins Hall | 974-4408 |
| Associate Dean for Academic and Student Affairs | 101 Perkins Hall | 974-2454 |
| Nursing | | |
| Advising Center | 203 Nursing Building | 974-7606 |
| Social Work | | |
| Social Work | 109 Henson Hall | 974-3351 |
| Other Resources | | |
| Dean of Students | 413 Student Services Building | 974-3179 |
| Center for Career Development | Student Union, Level 2 | 974-5435 |

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| | | |
|------------------------------------|-----------------------------|----------|
| Student Counseling Center | 1800 Volunteer Boulevard | 974-2196 |
| Disability Services | 100 Dunford Hall | 974-6087 |
| Center for International Education | 1620 Melrose Place | 974-3177 |
| Student Health Center | 1800 Volunteer Boulevard | 974-3135 |
| Student Success Center | 324 Greve Hall | 946-6641 |
| Veteran Student Services | 209 Student Services | 974-1500 |
| Admissions Office | 320 Student Services | 974-2184 |
| One Stop Express Student Services | Hodges Library Ground Floor | 974-1111 |
| Parking & Transit Services | 2121 Stephenson Drive | 974-6031 |
| University Housing | 405 Student Services | 974-2571 |
| VolCard (UT ID Office) | 472 South Stadium Hall | 974-3430 |

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ACADEMIC ADVISING AT UT

The University of Tennessee recognizes academic advising to be a critical component of the educational experience and student success. Faculty, administrators, and professional staff promote academic advising as a shared responsibility with students. Academic advising serves to develop and enrich students' educational plans in ways that are consistent with their personal values, goals, and career plans, preparing them for a life of learning in a global society.

Prior to enrolling for the first time at the university, all degree-seeking first-year students and transfer students are required to meet with an academic advisor. Readmitted students must also meet with an academic advisor prior to reenrolling. Advising policies vary by college. Information in this guide refers to the advising policy for the College of Arts and Sciences. For information about advising policies for other colleges, please refer to the Advising Center for that college.

- All students with fewer than 30 hours at UT Knoxville (45 for Arts and Sciences)
- Students following exploratory tracks
- Students identified as "off track" by uTrack*
- Students on Academic Probation

All other students are required to consult with an advisor for a substantial conference during a designated semester each year.

- Students whose ID numbers end in an even digit are required to meet with an advisor during fall semester
- Students whose ID numbers end in an odd digit are required to meet with an advisor during spring semester

All students are encouraged to consult with their advisors at any time. The student, not the advisor, bears the ultimate responsibility for educational planning, selecting courses, meeting course prerequisites, and adhering to policies and procedures. Assistance to students with academic problems or questions is provided by professors, advisors, department heads, and college deans or advising centers.

Getting the Most from the Advising Experience:

1. Engage in an intense self-study. Explore options. Clarify values and goals. Relate interests and abilities to educational and career plans. Continue to gather information.
2. Make an appointment early. Schedule an advising appointment with your Arts & Sciences advisor to discuss General Education Requirements, and meet with a departmental advisor to discuss major requirements.
3. Keep your appointment, or call in advance to cancel so someone else may have your time slot.
4. Be sure to meet with your assigned advisor.
5. Be on time.

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6. Review the materials you received at orientation or during previous appointments before your appointment.
7. Read the course descriptions in the Undergraduate Catalog before your appointment.
8. Write down any questions you have.
9. Take appropriate materials to your advising appointment (pencil / pen, major information, curriculum guide, etc).
10. Follow through on referrals and recommendations made during your advising session.
11. Register for the courses discussed during your advising appointment.
12. Become familiar with and all available online resources (www.artsci.utk.edu/advising).
13. Follow through on referrals and recommendations made during appointments with your major advisor.

Advisees on academic probation should also:

1. Schedule an Academic Probation advising appointment with a departmental Academic Probation advisor or an Arts & Sciences.
2. Advise Services advisor each semester until in good standing with the University.
3. Register for the courses discussed during the Academic Probation advising appointment.
4. Review "Resources for Students" beginning on page 54 to determine the office that provides the service(s) you may be interested in, for example, study-skills information or counseling services.
5. Investigate tutorial services by contacting one of the offices listed in "Resources for Students."
6. Obtain career information from The Center for Career Development, Student Union Level 2, 974-5435, or career.utk.edu.

Advice from your advisor:

- Go to class every day and get to know your professors.
- Meet with your academic advisor each semester.
- Read your UTK email regularly. This is how the University communicates with you.
- Balance school work with the rest of your life. Plan study time.
- Demonstrate good study habits.
- Understand the impact of dropping classes, both academic and financial.
- Review your grades and DARS on myutk.edu each term.
- Make a plan for graduation. You can graduate in four years!

ARTS AND SCIENCES ADVISING SERVICES

Students served:

- Arts & Sciences students who have been officially accepted into the College
- University Exploratory students who have been officially admitted to the University but have neither declared a major nor been accepted into a college
- Transfer students who have completed work at another institution of higher education
- Reentry and nontraditional students
- Pre-Health and Pre-Law students who plan to enter a professional school following the completion of their undergraduate degree
- Students on academic probation

Services offered:

- Serves as academic advisor for all the students listed above
- Provides consultation in General Education Requirements, Foundations, Perspectives, and Connections (advising related to each student's major is referred to the appropriate department)
- Conducts orientation advising for new students
- Maintains online notes on all Arts & Sciences and University Exploratory students
- Offers consultation concerning the Degree Audit Reporting System (DARS)
- Assists students and faculty members with writing petitions
- Provides information on new courses and programs from departments
- Answers questions regarding University policy
- Assists students in choosing classes, planning academic programs, declaring majors, and selecting minors
- Helps students begin the career decision-making process
- Provides assistance with the registration process
- Maintains website (www.artsci.utk.edu/advising/) which includes links to catalogs, curriculum guides, academic resources, and major guides
- Coordinates all aspects of Pre-Health advising
 - ✓ Provides specially trained pre-health advisors
 - ✓ Distributes information of interest to pre-health students via the health professions distribution list and the pre-health link on the Arts and Sciences website (<http://artsci.utk.edu/future-students/pre-health/>)
 - ✓ Provides guides to health profession programs available in Tennessee
 - ✓ Creates, maintains, and processes pre-professional files
 - ✓ Coordinates Interdisciplinary Programs 100, "Introduction to Health Care Delivery"
 - ✓ Sponsors Alpha Epsilon Delta, pre-health honor society
 - ✓ Coordinates the Pre-Medicine living learning community
- Coordinates Pre-Law advising
 - ✓ Provides specially trained Pre-Law advisors
 - ✓ Distributes information of interest to Pre-Law students via the Pre-Law link off the Arts & Sciences web-site (<http://artsci.utk.edu/future-students/pre-law/>)
 - ✓ Provides information about the application process, LSAC Credential Assembly Service and the LSAT through one-on-one appointments and presentations.
 - ✓ Sponsors Phi Alpha Delta, Pre-Law society

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UNIVERSAL TRACKING: uTrack

The University of Tennessee is committed to helping you achieve your academic goals and complete them in a timely manner. Most of the degree programs at UT are designed to be completed in four years, and policies are in place to help you keep track of your progress towards a degree by meeting certain milestones along the way.

The University of Tennessee has implemented Universal Tracking (uTrack), an academic monitoring system designed to help students stay on track for timely graduation. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who enter prior to Fall 2015. The policy is as follows:

Policy

- Students must declare a major or exploratory track at the time they are admitted to the university. Some majors have a competitive admissions process.
- All students must transition out of exploratory tracks into a major track no later than the end of the fourth tracking semester at UT.
- Students who are off track must develop an advisor-approved plan for getting back on track before they will be allowed to register for future tracking semesters.
- Students who are off track for two consecutive semesters will be placed on hold and required to select a new major that is better aligned with their abilities.

CAN YOU GRADUATE IN FOUR YEARS? YES!

Part of the expectation for the four year graduation plan is that you will carefully plan a year's worth of work at a time and that you will have a general plan for your entire academic career, term by term. During your first year, your advisor will be able to provide you with more information about how to plan for your university study.

Suggestions to ensure degree progression:

- ✓ Complete the freshman writing requirement in the first year.
- ✓ Be thoughtful in your major selection and develop your schedule by prioritizing milestone courses.
- ✓ If you are Exploratory, enroll in a First-Year Studies course and see your advisor regularly. Additional tips for Exploratory students can be found later in this guide.
- ✓ Utilize the Undergraduate Catalog (catalog.utk.edu) to review the curriculum and eight semester plan for your intended major(s).
- ✓ Monitor your own progress and seek advice from your advisor.
- ✓ Schedule your advising appointments early in the term to allow for follow-up visits.
- ✓ Register on your assigned eligibility date to ensure access to the classes you need for your major.
- ✓ Complete 30-36 credit hours each academic year.
- ✓ Utilize summer courses.
- ✓ Maintain good academic standing.

In addition, the University, as well as the College of Arts & Sciences, already has a number of policies and initiatives in place to promote and support your progress toward a four year graduation:

- Required academic advising for all Exploratory students until declaration of major
- Required academic advising for all students (both freshman and transfer) each term until 45 credit hours have been completed

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- Required academic advising at least once annually for all students who have completed greater than 30 hours at UTK
- Academic Probation advising
- Required attendance of academic probation workshop in Student Success Center
- Pre-requisite/co-requisite checking by Banner registration
- Limit on undergraduate course withdrawals (four allowable)
- Registration system which grants earlier registration access to students with greater completed hours

ACADEMIC AND CAREER PLANNING

A liberal arts education is preparation for life. YOU must work assertively and diligently to acquire an education.

FRESHMAN YEAR

- Visit the “Need a Major?” website (<http://artsci.utk.edu/future-students/need-a-major/>) to research possible majors in the College of Arts & Sciences and at UT.
- Check out the Academic Program Guides website (www.utk.edu/advising/undergraduate-programs) for information on majors of interest.
- Explore majors and careers at Career Services and on the website at: career.utk.edu.
- Use “What Can I Do With This Major?” to learn about majors of interest.
- Take the Strong Interest Inventory and Myers-Briggs Type Indicator.
- Enroll in Exploring Majors and Careers class (Counselor Education 205) freshman or sophomore year.
- Meet with your academic advisor to discuss your academic goals and a career counselor to discuss your career goals.
- Participate in campus co-curricular activities.
- Demonstrate excellent academic performance; make the best grades you can every semester.
- Strengthen your written communication skills in English classes and writing labs.
- Discover UT resources including the Student Success Center, Student Counseling Center, college advising centers, and tutorial services.

SOPHOMORE YEAR

- Attend the College of Arts and Sciences Sophomore Step Up in early spring to get connected to faculty in your major.
- Talk to professionals in career fields you are considering.
- Use “Decision Making Strategies” at <http://career.utk.edu/decide.php> for tips.
- Get to know faculty in your major or a major you are considering; they can talk about career options and provide a letter of reference for jobs or graduate school.
- Start identifying part-time and summer employment, volunteer work or internships in your areas of interest; attend the Summer Job and Internship Fair.
- Develop a professional quality resume and register with Career Development (using E-Recruiting) for internship opportunities.
- Plan for a study abroad experience!

JUNIOR YEAR

- Obtain work experience in your field through part-time employment, internship, practicum, field work, or volunteer experiences; clarify your career goals.
- Choose electives to enhance your qualifications, especially your oral and written communication skills.
- Seek leadership positions in co-curricular activities; join career-related student professional associations.
- Begin to plan for job search or graduate school; set deadlines for required steps.
- Update resume in Career Development database.
- Attend various job fairs sponsored by Career Development.
- Meet with a career counselor to discuss job search strategies.
- Take electives in areas beyond your major to improve your qualifications and expand your knowledge.

SENIOR YEAR

- Register for on-campus interviewing and resume referral through Career Services.
- Participate in Career Services job fairs.
- Search E-recruiting and other relevant sites for job postings.
- Attend Career Services workshops and conduct a videotaped practice interview.
- Research companies or graduate schools of interest.
- Meet required deadlines for graduate school or job search.
- Conduct a thorough job search campaign in addition to on-campus interviews.
- Enroll in "Career Strategies for the Arts and Sciences" (Counselor Education 404). Visit career.utk.edu/classes.php for the course description.

Checklist for career success provided by University of Tennessee Career Development, Student Union 2nd level, 974-5435, <http://career.utk.edu>.

DEGREES & PROGRAMS

COLLEGE OF ARTS & SCIENCES

Majors, Minors, and Concentrations

Abbreviations: BA = Bachelor of Arts; BFA = Bachelor of Fine Arts; BM = Bachelor of Music;
BS = Bachelor of Science; BSC = Bachelor of Science in Chemistry

| DEPARTMENT | MAJOR(S) | SPECIAL CONCENTRATIONS | MINOR AVAILABLE? | DEGREE TYPE | |
|---------------------|---------------------|--|---|-------------|--------|
| | | | VolsTeach Minor for Mathematics majors | | |
| | | | VolsTeach Minor for natural sciences majors | | |
| ANTHROPOLOGY | ANTHROPOLOGY | GENERAL | YES | B.A. | |
| | | HONORS | NO | | |
| | | DISASTERS, DISPLACEMENT, AND HUMAN RIGHTS | NO | | |
| ART | ART HISTORY | | YES | B.A. | |
| | GRAPHIC DESIGN | | NO | B.F.A. | |
| | ART | ART EDUCATION | | NO | B.F.A. |
| | | TWO DIMENSIONAL | | NO | |
| | | THREE DIMENSIONAL | | NO | |
| | | FOUR DIMENSIONAL | | NO | |
| | GENERAL | | YES | B.A. | |
| DIVISION OF BIOLOGY | BIOLOGICAL SCIENCES | BIOCHEMISTRY & CELLULAR AND MOLECULAR BIOLOGY (BCMB) | MINOR AVAILABLE IN BIOLOGICAL SCIENCES | B.S. | |
| | | HONORS BCMB | | | |
| | | ECOLOGY & EVOLUTIONARY BIOLOGY (EEB) | | | |
| | | HONORS EEB | | | |
| | | MICROBIOLOGY | | | |
| | | HONORS MICROBIOLOGY | | | |
| CHEMISTRY | CHEMISTRY | GENERAL | YES | B.S. | |
| | | HONORS CHEMISTRY | NO | B.S. | |
| | | BACHELOR OF SCIENCE IN CHEMISTRY | NO | B.S.C. | |
| | | HONORS BACHELOR OF SCIENCE IN CHEMISTRY | NO | B.S.C. | |
| CLASSICS | CLASSICS | CLASSICAL ARCHAEOLOGY | YES | B.A. | |
| | | HONORS CLASSICAL ARCHAEOLOGY | NO | | |
| | | CLASSICAL CIVILIZATION | YES | | |

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|------------------------------|-----------------------------------|---|---|------|
| | | HONORS CLASSICAL CIVILIZATION | NO | |
| | | GREEK | YES | |
| | | HONORS GREEK | NO | |
| | | LATIN | YES | |
| | | HONORS LATIN | NO | |
| EARTH AND PLANETARY SCIENCES | GEOLOGY AND ENVIRONMENTAL STUDIES | GEOLOGY | YES | B.S. |
| | | HONORS GEOLOGY | NO | |
| | | ENVIRONMENTAL STUDIES | YES | |
| | | HONORS ENVIRONMENTAL STUDIES | NO | |
| ECONOMICS | ECONOMICS | GENERAL | YES | B.A. |
| | | HONORS ECONOMICS | NO | |
| ENGLISH | ENGLISH | CREATIVE WRITING | MINORS AVAILABLE IN ENGLISH AND TECHNICAL COMMUNICATION | B.A. |
| | | HONORS CREATIVE WRITING | | |
| | | INDIVIDUALIZED PROGRAM | | |
| | | HONORS INDIVIDUALIZED PROGRAM | | |
| | | LITERATURE | | |
| | | HONORS LITERATURE | | |
| | | RHETORIC AND WRITING | | |
| | | HONORS RHETORIC AND WRITING | | |
| | | TECHNICAL COMMUNICATION | | |
| | | HONORS TECHNICAL COMMUNICATION | | |
| GEOGRAPHY | GEOGRAPHY | CLIMATE AND CLIMATE CHANGE | MINOR AVAILABLE IN GENERAL GEOGRAPHY | B.A. |
| | | HONORS: CLIMATE AND CLIMATE CHANGE | | |
| | | GEOSPATIAL SCIENCE AND TECHNOLOGY | | |
| | | HONORS: GEOSPATIAL SCIENCE AND TECHNOLOGY | | |
| | | LANDSCAPES AND ENVIRONMENT | | |
| | | HONORS: LANDSCAPES AND ENVIRONMENT | | |
| | | SPACE, SOCIETY, AND CULTURE | | |
| | | HONORS: SPACE, SOCIETY, AND CULTURE | | |

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|--|---|--------------------------------------|---|------|--|
| | | WORLD CITIES AND ECONOMIES | | | |
| | | HONORS: WORLD CITIES AND ECONOMIES | | | |
| HISTORY | HISTORY | GENERAL | YES | B.A. | |
| | | HONORS HISTORY | NO | | |
| INTERDISCIPLINARY PROGRAMS | INTERDISCIPLINARY PROGRAMS | AFRICANA STUDIES | MINORS AVAILABLE IN ALL PROGRAMS | B.A. | |
| | | AMERICAN STUDIES | | | |
| | | ASIAN STUDIES | | | |
| | | CINEMA STUDIES | | | |
| | | GLOBAL STUDIES | | | |
| | | JUDAIC STUDIES | | | |
| | | LATIN AMERICAN AND CARIBBEAN STUDIES | | | |
| | | LINGUISTICS | | | |
| | | MEDIEVAL AND RENAISSANCE STUDIES | | | |
| | | NEUROSCIENCE | | | |
| | | SUSTAINABILITY | | | |
| WOMEN'S STUDIES | | | | | |
| MATHEMATICS | MATHEMATICS | GENERAL | YES | B.S. | |
| | | HONORS MATHEMATICS | NO | | |
| MODERN FOREIGN LANGUAGES AND LITERATURES | ARAB STUDIES | | MINOR ONLY | B.A. | |
| | FRENCH AND FRANCOPHONE STUDIES | GENERAL | YES | | |
| | | HONORS | NO | | |
| | GERMAN | GENERAL | YES | | |
| | | HONORS | NO | | |
| | ITALIAN | GENERAL | YES | | |
| | RUSSIAN STUDIES | GENERAL | YES | | |
| | | HONORS | NO | | |
| | | RUSSIAN LITERATURE IN TRANSLATION | MINOR ONLY | | |
| | HISPANIC STUDIES | GENERAL | YES | | |
| | LANGUAGE AND WORLD BUSINESS | ARABIC STUDIES | NO MINORS | | |
| | | CHINESE | | | |
| | | FRENCH AND FRANCOPHONE STUDIES | | | |
| | | GERMAN | | | |
| | | HISPANIC STUDIES | | | |
| | | ITALIAN | | | |
| JAPANESE | | | | | |
| PORTUGUESE | | | | | |
| RUSSIAN STUDIES | | | | | |
| MUSIC | MUSIC (HONORS AVAILABLE IN ALL CONCENTRATIONS) | GENERAL | MINORS AVAILABLE IN APPLIED MUSIC; MUSIC BUSINESS; MUSIC AND CULTURE; | B.A. | |
| | | MUSIC AND CULTURE | | | |
| | | MUSIC EDUCATION: WIND / PERCUSSION | | B.M. | |
| | | MUSIC EDUCATION: STRING EMPHASIS | | | |
| | | MUSIC EDUCATION: | | | |

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| | | | | |
|--------------------------|-------------------|--|---|------|
| | | VOCAL / GENERAL CONCENTRATION / KEYBOARDS | MUSIC THEORY; AND MUSIC COMPOSITION | |
| | | MUSIC EDUCATION: VOCAL / GENERAL CONCENTRATION / VOCAL EMPHASIS | | |
| | | BRASS INSTRUMENTS | | |
| | | ORGAN | | |
| | | PIANO | | |
| | | PIANO PEDAGOGY | | |
| | | SACRED MUSIC | | |
| | | STRINGS | | |
| | | STUDIO MUSIC & JAZZ | | |
| | | THEORY / COMPOSITION | | |
| | | VOICE | | |
| | | WOODWIND & PERCUSSION INSTRUMENTS | | |
| PHILOSOPHY | PHILOSOPHY | GENERAL | YES | B.A. |
| | | HONORS | NO | |
| | | LEGAL AND POLITICAL PHILOSOPHY | NO | |
| | | HONORS LEGAL AND POLITICAL PHILOSOPHY | NO | |
| | | PHILOSOPHY OF SCIENCE AND MEDICINE | NO | |
| PHYSICS AND ASTRONOMY | PHYSICS | GENERAL | YES | B.S. |
| | | ACADEMIC | NO | |
| | | HONORS ACADEMIC | NO | |
| | | ASTRONOMY | YES | |
| | | HONORS ASTRONOMY | NO | |
| POLITICAL SCIENCE | POLITICAL SCIENCE | GENERAL | MINOR IN POLITICAL SCIENCE | B.A. |
| | | HONORS | | |
| | | INTERNATIONAL AFFAIRS | | |
| | | PUBLIC ADMINISTRATION | | |
| PRE-PROFESSIONAL | PRE-PROFESSIONAL | MEDICAL LABORATORY SCIENCE | NO MINORS IN THESE TRACKS | B.S. |
| | | PRE-DENTISTRY | | |
| | | PRE-LAW | | |
| | | PRE-MEDICINE | | |
| | | PRE-PHARMACY | | |
| | | PRE-VETERINARY | | |

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| | | | | |
|-------------------|-------------------|---|-----|------|
| | | MEDICINE | | |
| PSYCHOLOGY | PSYCHOLOGY | GENERAL | YES | B.A. |
| | | HONORS | NO | |
| RELIGIOUS STUDIES | RELIGIOUS STUDIES | GENERAL | YES | |
| | | HONORS | NO | |
| SOCIOLOGY | SOCIOLOGY | GENERAL | YES | B.A. |
| | | HONORS | NO | |
| | | CRIMINOLOGY AND CRIMINAL JUSTICE | YES | |
| | | HONORS CRIMINOLOGY AND CRIMINAL JUSTICE | NO | |
| | | ENVIRONMENTAL ISSUES | YES | |
| | | HONORS ENVIRONMENTAL ISSUES | NO | |
| SPECIAL PROGRAMS | COLLEGE SCHOLARS | | NO | B.A. |
| STATISTICS | STATISTICS | | YES | B.S. |
| THEATRE | THEATRE | GENERAL | YES | B.A. |
| | | HONORS | NO | |

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SPECIAL PROGRAMS

College Scholars

A limited number of well-qualified students who have completed at least 30 but not more than 62 semester hours at UT and have maintained a cumulative GPA of at least 3.5 are accepted each year into College Scholars. (Transfer students must have fewer than 42 transferred credit hours.) This is a highly personalized honors program where students, with a special faculty advisor, can develop a completely individual bachelor's degree program (<http://web.utk.edu/~scholars/>).

Pre-Professional Programs: Pre-Health

These programs are designed for those students who plan to continue their education in various graduate or professional schools or programs (www.artsci.utk.edu/advising/deg_prog/preheal.asp).

Pre-Cytotechnology
Pre-Dental Hygiene
Pre-Dentistry
Pre-Health Information Management
Pre-Medical Laboratory Science
Pre-Medicine
Pre-Occupational Therapy
Pre-Optometry
Pre-Pharmacy
Pre-Physical Therapy
Pre-Veterinary Medicine

Pre-Professional: Pre-Law (3+3)

The college offers an accelerated B.S./J.D. program with the College of Law. For joint B.S./J.D. students, College of Law admissions requirements are higher than those normally expected for J.D. applicants. Desired College of Law qualifications include at a minimum a cumulative undergraduate GPA and a Law School Admissions Test (LSAT) score at or above the medians for the entering class. For additional information, please see your advisor or contact Arts and Sciences Advising Services.

Professional Degrees Offered

These degree programs are designed for students who plan to go from college directly into education or industry or who plan to attend graduate school to prepare for college-level teaching (www.artsci.utk.edu/advising/deg_prog/professional_degrees.asp). Advising information for these degrees should be obtained from the appropriate school or department.

Bachelor of Fine Arts
Bachelor of Music
Bachelor of Science in Chemistry

Five-Year BA/MA Programs

The Department of Modern Foreign Languages and Literatures offers a 5-year BA/MA program with BA majors in French & Francophone Studies and German and non-thesis MA majors in French and German. Interested students should contact the Department of Modern Foreign Languages and Literature for further information (web.utk.edu/~mfil/).

The Department of Philosophy offers a 5-year BA/MA program where students may earn both a BA and MA in philosophy. Interested students should contact the Department of Philosophy for further information (web.utk.edu/~philosop/).

The Department of Political Science offers a 5-year BA/MPPA program with a BA major in political Science and a non-thesis MPPA major in Public Policy and Administration. Interested students should contact the Department of Political Science for further information (<http://polisci.utk.edu/>).

Teacher Education Program

Preparation for prospective teachers at UT is a five-year process. Students earn a baccalaureate degree from the College of Arts & Sciences and a minor in Elementary, Middle School or Secondary Education from the College of Education, Health and Human Sciences at the end of the fourth year. During the fifth year, students enroll in a one-year internship to complete requirements for a teaching license and to earn graduate credits toward a master's degree.

Prospective K–6 teachers may complete an Arts & Sciences major in a department, in one of the Interdisciplinary Programs, or if eligible, in the College Scholars Program. Prospective secondary and middle school teachers select a major in the subject area they plan to teach (artsci.utk.edu/advising/teaching/).

Vols Teach

Students pursuing a major in selected programs in the College of Arts and Sciences are eligible to participate in the University's Vols Teach program (<http://volsteach.utk.edu/>), which permits students to simultaneously complete a major in mathematics or science and receive secondary education teaching licensure within the 4-year undergraduate degree program through completion of a Vols Teach minor.

For more information about Vols Teach, including advising associated with teacher licensure requirements, contact the Center for Enhancing Education in Mathematics and Science (101 Greve Hall).

Students may explore this program by enrolling in INPG 110-Vols Teach: Inquiry-Based Approaches to Teaching (1 credit hour).

THE EXPLORATORY STUDENT

Students who are unsure about either their majors or career choices need to be active participants in the exploration process as soon as they arrive at UT.

Here are a few tips for getting started:

- ✓ Enroll in First-Year Studies 101 (FYS 101). The College of Arts and Sciences offers specific sections of FYS 101 for Exploratory students. These sections are taught by advising staff and staff from the Center for Career Development.
- ✓ Do whatever it takes to be a successful student! An undecided student needs to keep doors open. Carefully review UT's Undergraduate Catalog, especially the majors offered and course requirements and prerequisites for the majors. For further exploration, enroll in Counselor Education 205, Exploring Majors and Careers.
- ✓ Get involved. Time spent in a variety of tasks may spark a new area of interest. Learn more about opportunities on campus through the Center for Leadership and Service. Stop by their Resource Room in Dunford Hall Room 2238 (2nd Floor) to learn more about getting connected.
- ✓ Interview people who have jobs that appeal to you. Make appointments with advisors from the nine undergraduate colleges. Schedule an appointment with a faculty member in a discipline you are curious about.
- ✓ Get some meaningful work experience, either full-time during summers or part-time during school. Shadow someone for a day in a work setting you would consider. Use all the services offered by Career Development (2nd Level Student Union) including interest inventories, career counselors, internship or part-time job postings, résumé-building exercises, workshops, and the resource center.
- ✓ Join a student organization that will help you demonstrate and acquire skills. Try for a leadership role in the organization.
- ✓ Check out the *Need a Major?* website at <http://artsci.utk.edu/future-students/need-a-major> for major exploration tips.
- ✓ Check out the Academic Program Guides (www.utk.edu/advising/undergraduate-programs) for information on all programs available at The University of Tennessee.

There is a wealth of information on this campus, but you must actively look for it. The Center for Career Development and Arts & Sciences Advising Services are both excellent places to begin your search.

B.A. AND B.S. DEGREE REQUIREMENTS

Each student must complete all University of Tennessee degree requirements stated in the UT Undergraduate Catalog, including those listed in this table.

| REQUIRED HOURS | REQUIRED CURRICULUM |
|--------------------|---|
| 120 credit hours | Minimum total hours |
| 30-48 credit hours | Credit hours in major (200-level or above). Major requirements must be filled with a grade of C or better. |
| 42 hours | Credit hours at 300-level or above |
| See page 21 | General Education requirements (additional information in the undergraduate catalog) |
| See page 23 | Foundations |
| See page 33 | Perspectives |
| See page 47 | Connections |
| 6 hours | Credit hours in U.S. History (High School credits apply) |
| 9 hours | Minimum credit hours in major at UT |
| 6 hours | Minimum credit hours in minor at UT |
| 60 hours | Minimum credit hours at a four-year institution |
| 30 hours | Final credit hours at UT |

B.A. and B.S. Degree Requirements continued

To receive a B.A. or B.S. degree from the College of Arts and Sciences, students must satisfy the Foundations, Perspectives, and Connections requirements as well as the requirements for a major in the college.

The following rules govern students' ability to apply courses to more than one College of Arts and Sciences degree requirement:

- Except as otherwise noted, no course may be applied to both the Perspectives requirement and the Connections requirement.
- No course may be used to satisfy two different components of the Perspectives requirement.
- Up to six credit hours of courses used to satisfy the Perspectives requirement may also be applied to the requirements of a student's primary major.
- If a student satisfies the Connections requirement by completing a 9-credit Connections Package, one course that applies to the Connections Package may also be applied to the student's major requirements.
- Foundations courses may be applied to the requirements of a major.

FOUNDATIONS

Satisfying the Foundations requirement demonstrates that a student can communicate effectively in English, both orally and in writing, and that a student can use the tools of quantitative analysis. The Foundations coursework consists of:

First Year English Composition: equips students with the skills necessary to write persuasive, logical, and coherent essays in English; to evaluate and cite sources in research; and to be aware of how to write for different audiences and purposes.

Communicating Through Writing: further develops the writing skills that are foundational to advanced work in the College.

Communicating Orally: equips students with the skills necessary to communicate one's ideas orally.

Quantitative Reasoning: prepares students in the skills of quantitative analysis.

PERSPECTIVES

These requirements are designed to introduce students to the modes of inquiry and discourse that characterize various academic disciplines and to the ways in which hypotheses are constructed and evaluated. Students will also gain an informed appreciation for the diverse natures of the world's cultures and societies and for the artistic and cultural milestones created by these cultures and societies. Thus students become broadly-educated, engaged, and responsible citizens.

Arts and Humanities

By studying the arts and humanities, students gain new perspectives on the human experience and on human kind's creative impulse. Thus, this requirement introduces students to the modes of inquiry that are employed in the fields that constitute the arts and humanities, to help students understand how aesthetic and moral judgements are arrived at and defended, and to acquaint students with the artistic and cultural achievements of both the past and present.

Natural Sciences

ARTS AND SCIENCES UNDERGRADUATE CURRICULUM 2016-2017

This requirement serves to introduce students both to basic discoveries, foundational knowledge, and logical organization of a scientific discipline and to the experimental methods used in that discipline for scientific inquiry and for testing scientific hypotheses.

Social Sciences

The social sciences help us analyze the interactions that take place between individuals, between groups or societies, and between an individual and a group. Thus, this requirement serves to introduce students both to the principal concerns of disciplines in the social sciences and to the methods by which social scientists collect and evaluate knowledge and test hypotheses.

Foreign Language

This requirement supports the broad goals of liberal education by promoting intellectual tolerance and flexibility, informing student's understanding of cultural diversity, and introducing students to the literary achievements of authors writing in other languages.

Non-U.S. History

This requirement allows students to develop understanding of how the past shapes individuals and communities in practical decisions and in understanding of self and world. It also contributes to skills in explaining change and continuity of human society and the interpretation of people, events, and trends in context of the ideas, the values, and the social and political conditions of that society.

Global Challenges

With recent advances in transportation and communication technologies and changes in the nature of global economic forces, many environmental, political, and social concerns have acquired distinctive international or transnational dimensions. Courses that satisfy the Global Challenges requirement provide students with the opportunity for focused inquiry into the historical origins of, or contemporary thought regarding, one of the critical international or transnational issues facing today's world.

CONNECTIONS

In completing the Connections requirement, students will choose a focused educational experience to complement the in-depth study completed in their chosen major field. Students may satisfy the Connections requirement in one of three ways:

- Completion of nine credit hours of study abroad coursework
- Completion of a minor or second major
- Completion of nine hours from a Connections package listed on pages 47-63

ARTS & SCIENCES CURRICULUM:

B.A. & B.S. Degree Requirements

This section contains the requirements of the Arts & Sciences curriculum, as determined by the faculty of the college. Each requirement is stated, then followed by a list of courses that will allow you to accomplish the objectives listed in the requirement statement.

English Composition courses are the only courses that are mandatory; all other degree requirements allow you to select from a group of courses in the area. When you plan your academic program, the courses on the lists are the only courses you should consider for satisfying each requirement.

FOUNDATIONS:

FIRST YEAR ENGLISH COMPOSITION

Students may complete this requirement in one of two ways.

1. English Composition: Complete 6 credit hours of English 101 and 102 or any of the sequences described below.

Note: Students with ACT scores of 18 or below in English and an ACT Composite of 18 or below or SAT scores of 450 or below in Verbal and an SAT Composite of 850 or below must enroll in English 103 Writing Workshop I in addition to English 101.

Honors: Students who enroll in English 118 (Honors English Composition) and earn an A or B can finish the composition requirement by taking English 102, a sophomore English course, or English 355 Rhetoric & Writing. If the sophomore English course appears on the List A Humanities requirement, it may also be counted toward that requirement.

Note: Students with an ACT English score of 29 or above and a Composite of at least 29 or those with a SAT Verbal score of 680 or above and a Composite of at least 1280 are eligible for English 118.

International Students: Students who speak English as their second language will substitute English 131 and 132: Composition for Non-Native Speakers of English I and II (3, 3) for this requirement. Placement is determined by performance on the TOEFL (Test of English as a Foreign Language).

2. AP Test: Credit for English 101 is earned with a score of 4 or 5 on the College Board Advanced Placement Test in English Literature and Composition. Credit for English 101 is earned with a score of 4 or 5 on the AP Test in Language and Composition. The second English Composition course (English 102 or English 290) must be completed to satisfy the requirement.

COMMUNICATION THROUGH WRITING:

Complete a Writing Intensive (WC) course chosen from the list below. This additional course may also be applied to other degree requirements where applicable.

WARNING: Students must complete the English Composition requirement before enrolling in English courses at the 200 level or above. Students who have completed English 118 will also complete two additional courses to fulfill the Communicating through Writing requirement.

The following courses are approved WC courses and are open to all students in the College of Arts and Sciences.

NOTE: Some courses on this list also satisfy the Arts and Humanities requirement (see page 33). Those courses are noted in this chart with an **AH**.

| DEPARTMENT | COURSE NUMBER | TITLE |
|--------------|---------------|---|
| Anthropology | 210* | Principles of Biological Anthropology (3) |
| English | 206 | Introduction to Shakespeare (3) (AH) |
| | 207 | Honors: British Literature I (3) (AH) |
| | 208 | Honors: British Literature II (3) (AH) |
| | 237 | Honors: American Literature I: Colonial Era to Civil War (3) (AH) |
| | 238 | Honors: American Literature I: Civil War to the Present (3) (AH) |
| | 247 | Honors: Introduction to Poetry (3) (AH) |
| | 248 | Honors: Introduction to Drama (3) (AH) |
| | 251 | Introduction to Poetry (3) (AH) |
| | 252 | Introduction to Drama (3) (AH) |
| | 253 | Introduction to Fiction (3) (AH) |
| | 254 | Themes in Literature (3) (AH) |
| | 255 | Public Writing (3) |
| | 257 | Honors: Public Writing (3) |

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|----------------|-----|--|
| | 258 | Honors: Introduction to Fiction (3) (AH) |
| | 261 | Themes in Creative Writing (3) |
| | 264 | Introduction to Fiction Writing (3) |
| | 268 | Honors: Introduction to Fiction Writing (3) |
| | 295 | Writing in the Workplace (3) |
| | 355 | Rhetoric and Writing (3) |
| | 357 | Honors: Rhetoric and Writing (3) |
| | 360 | Technical and Professional Writing (3) |
| | 376 | Colloquium in Literature (3) |
| | 377 | Honors: Colloquium in Literature (3) |
| Judaic Studies | 322 | Medieval Philosophy (3) |
| | 413 | Seminar in Early Judaism (3) |
| Musicology | 330 | Women in Music (3) |
| Philosophy | 252 | Contemporary Moral Problems (3) (AH) |
| | 320 | Ancient Western Philosophy (3) |
| | 322 | Medieval Philosophy (3) |
| | 324 | 17 th and 18 th Century Philosophy (3) |
| | 326 | 19 th and 20 th Century Philosophy (3) |
| | 327 | Honors: Ancient Western Philosophy (3) |
| | 328 | Honors: 17 th and 18 th Century Philosophy (3) |
| | 340 | Ethics (3) |
| | 345 | Bioethics (3) |
| | 346 | Environmental Ethics (3) |
| | 347 | Honors: Ethics (3) |
| | 348 | Honors: Environmental Ethics (3) |

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| | | |
|-------------------|-----|--|
| | 382 | Philosophy of Feminism (3) |
| | 390 | Philosophical Foundations of Democracy (3) |
| | 391 | Social and Political Philosophy (3) |
| Religious Studies | 423 | Seminar in Early Christianity (3) |
| Russian | 221 | Rebels, Dreamers, and Fools: The Outcast in 19 th Century Russian Literature (3) (AH) |
| Sociology | 260 | Introduction to the Study of Environmental Issues (3) |
| Women's Studies | 220 | Women in Society (3) |
| | 235 | Women in Media (3) |
| | 240 | Women, Gender, and Sexuality |
| | 330 | Women and Music (3) |
| | 382 | Philosophy of Feminism (3) |

The following courses are approved WC courses but are only open to students pursuing these specific programs or majors.

| DEPARTMENT | COURSE NUMBER | TITLE |
|--|---------------|---|
| Aerospace Engineering | 449* | Aerospace Engineering Laboratory (3) |
| Agricultural Leadership Education and Communications | 440 | Communication Techniques in Agriculture (3) |
| Architecture | 213* | History and Theory of Contemporary Architecture (3) |
| | 227* | Honors: History and Theory of Contemporary Architecture (3) |
| Art History | 402* | Seminar in Art History II (3) |
| BCMB | 409* | Perspectives in Biochemistry and |

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| | | |
|---------------------------------------|------|--|
| | | Cellular and Molecular Biology (3) |
| Biomedical Engineering | 430* | Biomedical Engineering Laboratory |
| Chemical and Biomolecular Engineering | 415* | Chemical and Biomolecular Engineering Laboratory (3) |
| Chemistry | 479* | Physical Chemistry Laboratory I (2) |
| Child and Family Studies | 405 | Development of Professional Skills (3) |
| Civil Engineering | 205* | Professional Development I (2) |
| Computer Science | 402* | Senior Design (5) |
| Ecology and Evolutionary Biology | 409 | Perspectives in Ecology and Evolutionary Biology (3) |
| Electrical and Computer Engineering | 402* | Senior Design (5) |
| English | 398 | Junior-Senior Honors Seminar (3) |
| | 455 | Persuasive Writing (3) |
| | 497 | Honors: Senior Seminar (3) |
| | 499 | Senior Seminar (3) |
| Forestry | 321 | Wildland Recreation (3) |
| | 327 | Honors: Wildland Recreation (3) |
| Forestry Wildlife and Fisheries | 312* | Principles of Silverculture (3) |
| History (HIST) | 408 | Honors: Senior Paper (3) |
| | 499 | Senior Research Seminar (3) |
| Hotel Restaurant and Tourism | 390* | Professional Development (3) |
| Industrial Engineering | 350 | Contemporary Issues in Industrial Engineering (1) |
| | 422* | Industrial Engineering Design II (2) |

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|-----------------------------------|------|--|
| Information Sciences | 450 | Writing About Science and Medicine (3) |
| Journalism and Electronic Media | 200* | Introduction to News Writing (3) |
| | 414* | Magazine and Feature Writing (3) |
| | 444 | Journalism as Literature (3) |
| | 450 | Writing About Science and Medicine (3) |
| | 451 | Environmental Writing (3) |
| | 456 | Science Writing as Literature (3) |
| Materials Science and Engineering | 405* | Structural Characterization of Materials (4) |
| Mathematics Education | 432 | Knowing and Learning in Mathematics and Science (3) |
| Mechanical Engineering | 449* | Mechanical Engineering Laboratory (3) |
| Military Science and Leadership | 303 | Leadership in Military History (3) |
| Music Education | 430 | Music Methods for High School (3) |
| Musicology | 210* | History of Western Music: Ancient to Baroque (3) (AH) |
| | 380* | Music in World Cultures (3) |
| Nuclear Engineering | 401* | Radiological Engineering Laboratory (3) |
| | 402* | Nuclear Engineering Laboratory (3) |
| | 427* | Honors Nuclear Engineering Laboratory (3) |
| Nursing | 494* | Alternative Preceptorship (3) |
| Plant Sciences | 410* | Nursery Management and Production (3) |
| | 491 | International Study: History and Culture of International Gardens and Landscapes (3) |

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| | | |
|------------------------------|------|---|
| Retail and Consumer Sciences | 391* | Professional Development (3) |
| Science Education | 432 | Knowing and Learning in Mathematics and Science (3) |
| Social Work | 314* | Human Behavior and Social Environment (3) |
| | 317* | Honors Human Behavior and Social Environment (3) |
| Sociology | 495 | Social Justice and Community Service (3) |
| Theatre | 300* | Play Analysis (3) |
| University Honors | 258 | Special Topics in the Arts and Humanities (3) (AH) |
| | 268 | Special Topics in the Social Sciences (3) |
| | 278 | Special Topics in Cultures and Civilizations (3) |
| | 288 | Special Topics in the Natural Sciences (3) |

Note: Cross-listed courses are italicized.

* Course requires a prerequisite. Please check the catalog.

COMMUNICATING ORALLY

To meet the university's General Education requirement, students must complete one course with an "OC" designation from the list below. This course may also be applied to other degree requirements where applicable.

| DEPARTMENT | COURSE NUMBER | TITLE |
|-----------------------|---------------|---|
| Communication Studies | 210 | Public Speaking (3) |
| | 217 | Honors: Public Speaking (3) |
| | 240 | Business and Prof Communication (3) |
| | 247 | Honors: Business and Prof Communication (3) |
| Philosophy | 244 | Professional Responsibility (3) |

The following courses are approved OC courses but are open only to students pursuing these specific programs:

| DEPARTMENT | COURSE NUMBER | TITLE |
|--|---------------|--|
| Aerospace Engineering | 410 | Professional Development (2) |
| Agricultural Leadership, Education, and Communications | 240 | Presentation and Sales Strategies for Agricultural Audiences (3) |
| Animal Science | 360 | Horse, Dairy, and Meat Animal Evaluation (3) |
| BCMB | 455* | Scientific Communication (3) |
| Art Design/Graphic | 452* | Graphic Design Seminar (4) |
| Biomedical Engineering | 410* | Professional Topics (2) |
| Biosystems Engineering | 401* | Biosystems Engineering Design I (2) |
| Chemical and Biomolecular Engineering | 488* | Honors: Design Internship in Green Engineering (3) |
| | 490* | Process Design and Economic Analysis (3) |

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|-------------------------------------|------|--|
| Chemistry | 406 | Senior Seminar (1) |
| Child and Family Studies | 405 | Development of Professional Skills (3) |
| Civil Engineering | 205* | Professional Development I (2) |
| Computer Science | 402* | Senior Design (5) |
| Design | 130 | Design Thinking and Innovation (3) |
| Electrical and Computer Engineering | 402* | Senior Design (5) |
| Environmental and Soil Sciences | 301* | Professional Development (1) |
| Industrial Engineering | 422* | Industrial Engineering Design II (2) |
| Materials Science and Engineering | 489 | Materials Design (3) |
| Mechanical Engineering | 410* | Professional Topics (2) |
| Microbiology | 495 | Senior Seminar: Perspectives in Microbiology (3) |
| Nuclear Engineering | 400 | Senior Seminar (1) |
| Nursing | 454 | Professional Leadership Issues (2) |
| Physics | 451 | A Survey of Contemporary Physics (3) |

Note: Cross-listed courses are italicized.

* Course requires a prerequisite. Please check the catalog.

QUANTITATIVE REASONING

Students must choose two of the courses listed below or one course from the list below and one of the following: Computer Science 100 (3), Philosophy 130 (3), or Philosophy 235 (3). *This requirement satisfies the University's General Education: Quantitative Reasoning requirement.*

WARNING: Course options for all entering freshmen and all other students who have not completed a college level mathematics course are determined by your placement level. Placement level is determined by Math ACT and/or Math SAT scores. Students who have received AP level calculus credit are exempted from this placement.

| DEPARTMENT | COURSE NUMBER | TITLE |
|-------------|---------------|---|
| Mathematics | 113 | Mathematical Reasoning (3) |
| | 115 | Statistical Reasoning (3) |
| | 117 | Honors: Mathematical Reasoning (3) |
| | 123 | Finite Mathematics (3) |
| | 125 | Basic Calculus (3) |
| | 141 | Calculus I (4) |
| | 142 | Calculus II (4) |
| | 147 | Honors: Calculus I (4) |
| | 148 | Honors: Calculus II (4) |
| | 151 | Mathematics for the Life Sciences I (3) |
| | 152 | Mathematics for the Life Sciences II (3) |
| | 202 | Probability, Statistics, and Euclidean Geometry (3) |
| Statistics | 201* | Introduction to Statistics (3) |
| | 207* | Honors Introduction to Statistics (3) |

Note: *course requires a prerequisite.

Students may take a placement examination on material equivalent to any of these courses. Standards for placement examinations are set by the appropriate department.

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PERSPECTIVES

ARTS AND HUMANITIES

Students may fulfill this requirement by completing two courses from two different departments in the lists below. At least one course must be from List A (Literature and Philosophical and Religious Thought). First-year students should avoid 300 or 400 level courses during their first term in the university. Enrollment in English courses is dependent upon completion of English 102 or 209.

List A: Literature and Philosophical and Religious Thought

| DEPARTMENT | COURSE NUMBER | TITLE |
|------------------|-------------------------|--|
| Africana Studies | 225 | Introduction to African Literature (3) |
| Classics | 221 | Early Greek Mythology (3) |
| | 222 | Classical Greek and Roman Mythology (3) |
| | 253 | Greek and Roman Literature in English Translation (3) |
| English | 201 | British Literature I: Beowulf through Johnson (3) |
| | 202 | British Literature II: Wordsworth to the Present (3) |
| | 206 | Introduction to Shakespeare (3) |
| | 207 | Honors: British Literature I (3) |
| | 208 | Honors: British Literature II (3) |
| | 221 | World Literature I: Ancient through Early Modern (3) |
| | 222 | World Literature II: The Eighteenth Century to the Present (3) |
| | 226 | Introduction to Caribbean Literature (3) |
| | 231 | American Literature I: Colonial Era to the Civil War (3) |
| | 232 | American Literature II: Civil War to the Present (3) |
| 233 | Major Black Writers (3) | |

| | | |
|------------|-----|--|
| | 237 | Honors: American Literature I: Colonial Era to the Civil War (3) |
| | 238 | Honors: American Literature II: Civil War to Present (3) |
| | 247 | Honors: Introduction to Poetry (3) |
| | 248 | Honors: Introduction to Drama (3) |
| | 251 | Introduction to Poetry (3) |
| | 252 | Introduction to Drama (3) |
| | 253 | Introduction to Fiction (3) |
| | 254 | Themes in Literature (3) |
| | 258 | Honors: Introduction to Fiction (3) |
| Philosophy | 101 | Introduction to Philosophy |
| | 107 | Honors: Introduction to Philosophy |
| | 200 | Special Topics (3) |
| | 244 | Professional Responsibility (3) |
| | 252 | Contemporary Moral Problems (3) |
| Russian | 221 | Rebels, Dreamers, and Fools: The Outcast in 19 th Century Russian Literature (3) |
| | 222 | Heaven or Hell: Utopias & Dystopias in 20 th Century Russian Literature Texts (3) |

List B: Study or Practice of the Arts

| | | |
|--------------|------|--|
| Architecture | 111 | Architecture and the Built Environment (3) |
| | 117 | Honors: Architecture and the Built Environment (3) |
| | 211 | History and Theory of Architecture (3) |
| | 212* | History and Theory of Architecture II (3) |
| | 217 | Honors: History and Theory of Architecture (3) |
| | 218 | Honors: History and Theory of Architecture II (3) |

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| | | |
|-------------------------|------|---|
| Art Design/Graphic | 150 | The Idea of Graphic Design (3) |
| Art History | 162 | Art of Africa, Oceania and Pre-Columbian American (3) |
| | 167 | Honors: Art of Africa, Oceania and Pre-Columbian American (3) |
| | 172 | Western Art: Ancient through Medieval (3) |
| | 173 | Western Art: Renaissance to Contemporary (3) |
| | 177 | Honors: Western Art: Ancient through Medieval (3) |
| | 178 | Honors: Western Art: Renaissance to Contemporary (3) |
| Classics | 232 | <i>Archaeology and Art of Ancient Greece (3)</i> |
| English | 281 | <i>Introduction to Film Studies (3)</i> |
| Haslam Scholars Program | 258 | Foundations of Modernity (3) |
| | 287 | Knowledge (3) |
| Musicology | 110 | Introduction to Music in Western Culture (3) |
| | 115 | Music in the United States (3) |
| | 120 | History of Rock (3) |
| | 125 | Jazz in American Culture (3) |
| | 210 | History of Western Music, Ancient to the Baroque (3) |
| | 220 | History of Western Music, Classical to the Present (3) |
| | 290 | Soundscapes: Exploring Music in a Changing World (3) |
| Theatre | 100 | Introduction to Theatre (3) |
| | 107 | Honors: Introduction to Theatre (3) |
| University Honors | 257* | Special Topics in the Arts and Humanities (3) |
| | 258* | Special Topics in the Arts and Humanities (3) |

NOTE: courses in italics are cross-listed

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NATURAL SCIENCES

Students may satisfy this requirement by completing one of the eight (8) credit hour laboratory sequences listed below.

| DEPARTMENT | COURSE NUMBER | TITLE |
|--|------------------|--|
| <p style="text-align: center;">Astronomy</p> <p>Students may not receive credit for both ASTR 151 and 217. Students may not receive credit in both ASTR 152 and 218.</p> | 151 | A Journey through the Solar System Lecture (3) |
| | 153 | A Journey through the Solar System Lab (1) |
| | 152 | Stars, Galaxies, and Cosmology Lecture (3) |
| | 154 | Stars, Galaxies, and Cosmology Lab (1) |
| | 217-218* | Honors: Introductory Astronomy (4, 4) |
| <p style="text-align: center;">Biology</p> <p>To satisfy this requirement, students must complete either sequence: BIOL 150, 159, and 160 or BIOL 158, 167, and 168.</p> | 101 | Introduction to Biology: Cells, Genetics, and Physiology (4) |
| | 102 | Introduction to Biology: Biodiversity and Ecology (4) |
| | 113 | General Botany (4,4) |
| | 114 | |
| | 115 | |
| | 150 (158 honors) | Organismal and Ecological Biology (3) |
| | 159 (167 honors) | Skills of Biological Investigation (2) |
| | 160 (168 honors) | Cellular and Molecular Biology (3) |
| <p style="text-align: center;">Chemistry</p> <p>Credit may only be received for one of the following: CHEM 100, 120, and 128.</p> | 100 | Principles of Chemistry (4) |
| | 110* | Introduction to Organic and Biochemistry (4) |

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| | | |
|--|------------------|--|
| | 120-130* | General Chemistry I, II (4, 4) |
| | 128-138* | Honors General Chemistry I, II (4, 4) |
| Geography | 131 (137 honors) | Weather, Climate, and Climate Change (4) |
| | 132 | Landscapes and Environmental Change (4) |
| Geology Choose any two courses from the list. | 101 (107 honors) | The Dynamic Earth (4) |
| | 102 (108 honors) | Earth, Life, and Time (4) |
| | 103 | The Earth's Environment (4) |
| | 104 | Exploring the Planets (4) |
| Physics | 135-136** | Introduction to Physics for Physical Science and Mathematics Majors I, II (4, 4) |
| | 137-138** | Honors: Fundamentals of Physics for Physics Majors I, II (4, 4) |
| | 221-222* | Elements of Physics (4, 4) |

Note: * Course requires prerequisite. ** Course requires corequisite.

SOCIAL SCIENCES

Students may meet this requirement by completing two courses from two different departments in the list below.

| DEPARTMENT | COURSE NUMBER | TITLE |
|-------------------------------------|------------------|---|
| Africana Studies | 201 | Introduction to African-American Studies (3) |
| | 202 | Introduction to African-American Studies (3) |
| Agricultural and Resource Economics | 201 | Economics of the Global Food and Fiber System (3) |
| Anthropology | 130 | Cultural Anthropology (3) |
| | 137 | Honors: Cultural Anthropology (3) |
| Baker Center for Public Policy | 101 | Introduction to Public Policy (3) |
| Child and Family Studies | 210 | Human Development (3) |
| | 220 | Marriage and Family: Roles and Relationships (3) |
| Economics | 201 | Introductory Economics (3) |
| | 207 | Honors: Introductory Economics (3) |
| Educational Psychology | 210 | Psychoeducational Issues in Human Development (3) |
| Geography | 101 | World Geography (3) |
| | 111 | Our Digital Earth (3) |
| | 121 | Human Geography: People and Places (3) |
| Haslam Scholars Program | 257 | Power (3) |
| | 268 | Perspectives on Globalization (3) |
| Interior Design | 200 (207 Honors) | Human-Environment Relations (3) |

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| | | |
|-------------------|------|---|
| Political Science | 101 | United States Government and Politics (3) |
| | 102 | Introduction to Political Science (3) |
| | 107 | Honors: United States Government and Politics (3) |
| Psychology | 110 | General Psychology (3) |
| | 117 | Honors: General Psychology (3) |
| Religious Studies | 232 | Religion in a Global Perspective (3) |
| | 233 | Religion and Society in North America (3) |
| Social Work | 250 | Social Welfare (3) |
| Sociology | 110 | Social Problems and Social Justice (3) |
| | 120 | Introduction to Sociology (3) |
| | 127 | Honors: Introduction to Sociology (3) |
| University Honors | 267* | Special Topics in the Social Sciences (3) |
| | 268* | Special Topics in the Social Sciences (3) |

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FOREIGN LANGUAGE

Complete the intermediate-level sequence of a foreign language or complete a six-hour intensive language course of the intermediate level from the foreign language course list, or satisfy one of the following conditions:

1. Waiver—Demonstrate competence on a departmental placement or proficiency examination or by AP or CLEP credit.
2. If your native language is not English and you have successfully completed English 131 and 132, complete any two courses from AFST 225, 226, 233; CHIN 311; CLAS 253; COLI 202; ENGL 201, 202, 206, 207, 208, 221, 222, 225, 226, 231, 232, 233, 237, 238, 247, 248, 251, 252, 253, 254, 258; INSC 330; ITAL 401, 402; JAPA 313, 314; JST 312; LAC 315; MRST 261, 262, 401, 402; MFLL 300; PORT 315; REST 312; RUSS 221, 222. Transfer students whose native language is not English should consult an advisor regarding the foreign language requirement. ***The Arts and Sciences foreign language requirement satisfies the University's General Education: Cultures and Civilizations requirement.***

PLEASE NOTE THE FOLLOWING

All students who wish to enroll in a foreign language course, who have completed at least two years of this language in high school and who have not yet taken a college course in the language, must take a placement examination before enrolling. Placement in the appropriate course will be determined by the score on the examination. Examinations for most languages will be given online prior to orientation and at any time during the fall, spring and summer. Students who place into 200-level courses will receive 6 hours of elementary language credit upon successful completion of a 200-level course in the same language, provided they do not subsequently enroll and receive credit for any 100-level course in the same language. If they do, elementary placement credit is forfeited and removed from the student's transcript.

Students who place into 300-level courses will receive 6 hours of intermediate language credit upon successful completion of a 300-level course in the same language, provided they do not subsequently enroll and receive credit for any 200-level course in the same language. If they do, intermediate placement credit is forfeited and removed from the student's transcript. Those students who place into 200- or 300-level courses and do not wish to continue in a language, but wish to receive six hours of 100- or 200-level credit, respectively, for their online exam, may do so by completing a proctored placement exam during the fall, spring or summer, thus confirming the results of their online placement exam.

Placement test scores expire after one year. Students have one year from the date on which they take the placement exam to either register for the course for which they are eligible (as determined by the placement score) or complete the proctored exam to confirm the results of the online exam. After the one-year period elapses, students will have to take the placement test again.

Transition Course: Some students who have had two years of the same language in high school and receive a placement score below the level required for admittance into intermediate-level language courses may be placed in a 150 language course. These courses are designed to prepare students for enrollment in intermediate-level foreign language courses and count as elective credit. Students who receive credit for this course may not receive credit for any other 100-level course of the same language.

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| DEPARTMENT | COURSE NUMBER | TITLE |
|----------------------------|---------------|--|
| Arabic | 121-122 | Elementary Modern Standard Arabic I, II (4, 4) |
| | 221-222 | Intermediate Modern Standard Arabic I, II (4, 4) |
| Chinese | 131-132 | Elementary Chinese I, II (5, 5) |
| | 231-232 | Intermediate Chinese I, II (5, 5) |
| French | 111-112 | Elementary French I, II (3, 3) |
| | 123 | Intensive Elementary French (6) |
| | 150 | Intermediate French Transition (3) |
| | 211*-212* | Intermediate French I, II (3, 3) |
| | 217*-218* | French Honors: Intermediate French I, II (3, 3) |
| | 223 | Intensive Intermediate French (6) |
| German | 111-112 | Elementary German I, II (3, 3) |
| | 123 | Intensive Elementary German (6) |
| | 150 | Elementary German Transition (3) |
| | 211*-212* | Intermediate German I, II (3, 3) |
| | 223 | Intensive Intermediate German (6) |
| Greek (Classics) | 121-122 | Beginning Greek (4, 4) |
| | 261-264 | Intermediate Greek: Grammar Review and Readings (3, 3) |
| Hebrew (Religious Studies) | 121-122 | Elementary Biblical Hebrew I, II (3, 3) |
| | 221-222 | Intermediate Biblical Hebrew I, II (3, 3) |
| Hebrew | 141-142 | Elementary Modern Hebrew I, II (4, 4) |
| | 241-242 | Intermediate Modern Hebrew I, II (4, 4) |

ARTS AND SCIENCES UNDERGRADUATE CURRICULUM 2016-2017

| | | |
|------------------|----------|--|
| Italian | 111-112 | Elementary Italian I, II (3, 3) |
| | 123 | Intensive Elementary Italian (6) |
| | 211-212 | Intermediate Italian I, II (3, 3) |
| | 223 | Intensive Intermediate Italian (6) |
| Japanese | 151-152 | Elementary Japanese I, II (4, 4) |
| | 251-252 | Intermediate Japanese I, II (4, 4) |
| Latin (Classics) | 111-112 | Beginning Latin (4, 4) |
| | 150 | Latin Transition (4) |
| | 251*-252 | Intermediate Latin I, II (3, 3) |
| Persian | 161-162 | Elementary Persian (4, 4) |
| | 261-262 | Intermediate Persian I, II (4, 4) |
| Portuguese | 111-112 | Elementary Portuguese (3, 3) |
| | 123 | Intensive Elementary Portuguese (6) |
| | 211-212 | Intermediate Portuguese (3, 3) |
| | 223 | Intensive Intermediate Portuguese (6) |
| Russian | 101-102 | Elementary Russian (4, 4) |
| | 201-202 | Intermediate Russian (4, 4) |
| Spanish | 111-112 | Elementary Spanish (3, 3) |
| | 123 | Intensive Elementary Spanish (6) |
| | 150 | Intermediate Spanish Transition (3) |
| | 211*-212 | Intermediate Spanish (3, 3) |
| | 217*-218 | Spanish Honors: Intermediate Spanish 3, 3) |
| | 223* | Intensive Intermediate Spanish (6) |

NON-US HISTORY

Complete a two course sequence from the list below. The Arts and Sciences non-US History requirement satisfies the University's General Education: Cultures and Civilizations requirement.

| DEPARTMENT | COURSE NUMBER | TITLE |
|--------------------------------------|---------------|---|
| Africana Studies | 235-236 | Introduction to Africana Studies (3, 3) |
| History: Europe (HIEU) | 241-242 | Development of Western Civilization (3, 3) |
| | 247-248 | Honors: Development of Western Civilization (3, 3) |
| History: Latin America (HILA) | 255-256 | Introduction to Latin American and Caribbean Studies (3, 3) |
| History (HIST) | 261-262 | A History of World Civilization (3, 3) |
| | 267-268 | Honors: A History of World Civilization (3, 3) |
| Latin American and Caribbean Studies | 251-252 | Introduction to Latin American and Caribbean Studies (3, 3) |
| Medieval and Renaissance Studies | 201-202 | Medieval Civilization (3, 3) |

NOTE: Courses offered by the Department of History are divided into categories indicative of the geographic area of study. Please refer to this chart when reviewing College-Wide Connections packages. The prefixes are as follows:

| | |
|-------------|-------------------------------|
| HIST | General History |
| HIAF | History: Africa |
| HIAS | History: Asia |
| HIEU | History: Europe |
| HILA | History: Latin America |
| HIME | History: Middle East |

GLOBAL CHALLENGES

Complete one of the following courses:

| DEPARTMENT | COURSE NUMBER | TITLE |
|------------|---------------|---|
| Biology | 105 | Parasites, Pathogens, and Pandemics: Infectious Disease and Society (3) |
| English | 225 | Introduction to African Literature (3) |
| | 226 | Introduction to Caribbean Literature (3) |
| | 335 | African Literature (3) |
| | 336 | Caribbean Literature (3) |
| | 423 | Colonial and Post-Colonial Literature (3) |
| Geography | 101 | World Geography (3) |
| | 111 | Our Digital Earth (3) |
| | 131 | Weather, Climate, and Climate Change (4) |
| | 132 | Landscapes and Environmental Change (4) |
| | 137 | Honors: Weather, Climate, and Climate Change (4) |
| | 200 | Environmental Issues in National Parks (3) |
| | 320 | Cultural Geography: Core Concepts (3) |
| | 331 | Natural Hazards (3) |
| | 340 | Economic Geography: Core Concepts (3) |
| | 341 | Contemporary Urban Spaces (3) |
| | 343 | Geography of Human Rights (3) |
| | 344 | Population Geography (3) |

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| | | |
|--|-----|---|
| | 371 | Exploring Europe (3) |
| | 373 | Landscapes and Cultures of Latin America (3) |
| | 374 | Emerging Landscapes of East Asia (3) |
| | 375 | Society and Spaces of South Asia (3) |
| | 413 | Remote Sensing of Environment (4) |
| | 430 | Global Environments of the Quaternary (3) |
| | 435 | Biogeography (3) |
| | 441 | Cities as Economic Engines (3) |
| | 442 | Urban Spaces and Urban Society (3) |
| | 444 | The Age of Migration (3) |
| | 445 | Cities in a World System (3) |
| | 449 | Geography of Transportation (3) |
| | 451 | The Global Economy (3) |
| History: Europe (HIST) | 303 | History of the Roman Republics (3) |
| History: Latin America (HILA) | 450 | Slavery in the Early Americas (3) |
| History: Middle East (HIME) | 350 | Early Muslim-Christian Relations in the Middle East (3) |
| Modern Foreign Languages and Literatures | 300 | Global Texts and Cultures (3) |
| Philosophy | 346 | Environmental Ethics (3) |
| | 441 | Global Justice and Human Rights (3) |
| Political Science | 453 | Western European Politics (3) |
| | 456 | Latin American Government and Politics (3) |
| | 461 | Comparative Public Policy (3) |

ARTS AND SCIENCES UNDERGRADUATE CURRICULUM 2016-2017

| | | |
|-------------------|-----|--|
| | 463 | Contemporary Middle East Politics (3) |
| | 471 | International Political Economy (3) |
| | 474 | International Organization (3) |
| | 479 | Regional Analysis of International Politics (3) |
| Religious Studies | 101 | World Religions in History (3) |
| | 102 | The Comparison of World Religions (3) |
| | 386 | Voices of the Holocaust (3) |
| | 476 | Religion, Culture and Power in Contemporary Asia (3) |
| Sociology | 341 | Social Inequalities (3) |
| | 342 | Globalization and Justice (3) |
| | 375 | Gender in Society (3) |
| | 442 | The Modern World System (3) |
| | 446 | Comparative Poverty and Development (3) |
| Women's Studies | 370 | Women and Globalization (3) |

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CONNECTIONS

Students may satisfy the Connections requirements in one of three ways:

- Completion of nine credit hours of study abroad coursework. These nine hours do not need to be taken during a single academic term or at a single study abroad site. Students interested in study abroad should contact a study abroad advisor in Programs Abroad (studyabroad.utk.edu). If appropriate, this coursework may be applied to non-connections degree requirements.
- Completion of a minor or a second major. The minor or second major may be in the College of Arts & Sciences or in another college. Courses used to satisfy the minor or second major may also be used to meet Perspectives requirements.
- Completion of nine credit hours drawn from one of the Connections Packages listed below. Two different departments must be represented. Three credits may be applied to the student's major.

| Ancient Mediterranean Studies | | |
|--------------------------------------|---------------|---|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Art History | 425 | Early Christian Byzantine Art to 1350 (3) |
| Classics | 302 | History of Classical Greece (3) |
| | 306 | History of Hellenistic Greece (3) |
| | 309 | History of the Roman Republic (3) |
| | 381 | Greek Civilization (3) |
| | 382 | Roman Civilization (3) |
| | 384 | Gender and Sexuality in Greece and Rome (3) |
| | 439 | Pompeii (3) |
| | 441 | Special Topics in Classical Civilization (3) |
| | 442 | Intensive Survey of the Archaeology of the Prehistoric Aegean (3) |
| | 443 | Intensive Survey of the Archaeology of Greece (3) |
| | 444 | Intensive Survey of the Archaeology of Etruria and Rome (3) |
| | 445 | Ancient and Medieval Seafaring (3) |

ARTS AND SCIENCES UNDERGRADUATE CURRICULUM 2016-2017

| | | |
|--------------------------------|-----|---|
| | 461 | Special Topics in Classical Archaeology (3) |
| History: Europe (HIEU) | 303 | History of the Roman Republic (3) |
| | 304 | History of the Roman Empire (3) |
| | 305 | History of the Late Roman Empire (3) |
| | 311 | Early Middle Ages (3) |
| History: Middle East (HIME) | 382 | Archaeology of the Biblical World (3) |
| | 383 | Early Jewish History (3) |
| History: Asia (HIAS) | 393 | History of Modern Japan (3) |
| Philosophy | 320 | Ancient Western Philosophy (3) |
| | 322 | Medieval Philosophy (3) |
| | 327 | Honors: Ancient Western Philosophy (3) |
| Religious Studies | 311 | Introduction to the Hebrew Bible (3) |
| | 312 | Introduction to Early Judaism (3) |
| | 321 | New Testament and Early Christian Origins (3) |
| | 322 | Christianity in Late Antiquity (3) |
| | 413 | Seminar in Early Judaism (3) |
| | 423 | Seminar in Early Christianity (3) |

| Biodiversity and Humans | | |
|-----------------------------------|---------------|--|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Anthropology | 303 | Human Biology and Society (3) |
| Ecology & Evolutionary Biology | 304 | Socio-Economic Impact of Plants (3) |
| | 305 | Evolution and Society (3) |
| | 306 | Ecology and Society (3) |

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| | | |
|-----------|-----|--|
| | 330 | Field Botany (3) |
| | 351 | Biodiversity of Fungi (3) |
| | 424 | Plant Diversity and Evolution (3) |
| | 484 | Conservation Biology (3) |
| Geography | 413 | Remote Sensing of Environment (4) |
| | 431 | Environmental History from Lake Sediments (3) |
| | 435 | Biogeography (3) |
| | 439 | Plants, People, and Climate in North America (3) |
| Geology | 320 | Paleobiology (4) |
| Sociology | 363 | Food, Agriculture, and Society (3) |

| Cultural and Artistic Achievement: Arts in the United States | | |
|--|---------------|--|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Art History | 470 | African-American Art (3) |
| | 472 | History of 20 th Century American Art (3) |
| | 473 | 19 th Century American Art (3) |
| English | 331 | Race and Ethnicity in American Literature (3) |
| | 332 | Women in American Literature (3) |
| | 333 | Black American Literature and Aesthetics (3) |
| | 334 | Film and American Culture (3) |
| | 381 | American Tales, Songs, and Material Culture: An Introduction to Folklore (3) |

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| | | |
|-------------------|-----|---|
| | 444 | Appalachian Literature and Culture (3) |
| Musicology | 411 | Music of Appalachia (3) |
| | 413 | Music and the African Diaspora (3) |
| Political Science | 312 | Popular Culture and American Politics (3) |
| Religious Studies | 354 | Religion and Popular Culture in the United States (3) |

| Emerging Asia | | |
|----------------------|---------------|---|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Geography | 374 | Emerging Landscapes of East Asia (3) |
| | 375 | Society and Spaces of South Asia (3) |
| | 451 | The Global Economy (3) |
| History: Asia (HIAS) | 389 | History of China (3) |
| | 390 | History of China (3) |
| | 392 | History of Pre-Modern Japan (3) |
| | 393 | History of Modern Japan (3) |
| Political Science | 410 | Special Topics in Political Science (3) |
| | 454 | Government and Politics of China and Japan (3) |
| | 471 | International Political Economy (3) |
| | 474 | International Organization (3) |
| | 479 | Regional Analysis of International Politics (3) |

| Environment and Society | | |
|--------------------------------|---------------|---|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Geography | 331 | Natural Hazards (3) |
| | 333 | Climate Change and Human Response (3) |
| | 345 | People and Environment (3) |
| | 430 | Global Environments of the Quaternary (3) |
| | 433 | Landform Analysis and Landscape Planning (3) |
| | 434 | Climatology (3) |
| | 435 | Biogeography (3) |
| | 436 | Water Resources (3) |
| | 439 | Plants, People and Climate in North America (3) |
| Philosophy | 346 | Environmental Ethics (3) |
| Sociology | 360 | Environment and Resources (3) |
| | 363 | Food, Agriculture, and Society (3) |
| | 463 | Community Sociology (3) |
| | 465 | Social Values and the Environment (3) |

| Geographic Information Science for Our Changing World | | |
|--|---------------|---|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Anthropology | 325 | Migration and Transnationalism (3) |
| | 420 | Disasters (3) |
| Geography | 311 | Geovisualization and Geographic Information Science (3) |
| | 333 | Climate Change and Human Response (3) |

ARTS AND SCIENCES UNDERGRADUATE CURRICULUM 2016-2017

| | | |
|-------------------|-----|--|
| | 344 | Population Geography (3) |
| | 411 | Intermediate Geographic Information Science (3) |
| | 413 | Remote Sensing of Environment (4) |
| | 414 | Spatial Data Management for Socioeconomic and Environmental Applications (3) |
| | 415 | Quantitative Methods in Geography (4) |
| | 420 | GIS in the Community (3) |
| | 433 | Land Form Analysis and Landscape Planning (3) |
| | 436 | Water Resources (3) |
| | 441 | Cities as Economic Engines (3) |
| | 449 | Geography of Transportation (3) |
| | 454 | GIS for Terrain Analysis (3) |
| Geology | 425 | Data Analysis for Geoscientists (3) |
| | 450 | Geomorphology (3) |
| | 455 | Social Values and the Environment (3) |
| Political Science | 472 | Conflict Processes (3) |
| Sociology | 360 | Environment and Resources (3) |
| | 465 | Social Values and the Environment (3) |

| Global Social Justice | | |
|------------------------------|---------------|--|
| DEPARTMENT | COURSE NUMBER | TITLE |
| American Studies | 310 | Introduction to American Studies (3) |
| | 450 | Senior Seminar in Interdisciplinary American Studies (3) |
| Geography | 343 | Geography of Human Rights (3) |

ARTS AND SCIENCES UNDERGRADUATE CURRICULUM 2016-2017

| | | |
|-----------------|-----|--|
| | 451 | The Global Economy (3) |
| Philosophy | 391 | Social and Political Philosophy (3) |
| | 441 | Global Justice and Human Rights (3) |
| Sociology | 341 | Social Inequalities (3) |
| | 342 | Globalization and Justice (3) |
| | 345 | Social Movements (3) |
| | 353 | Criminal Justice (3) |
| | 442 | Comparative Poverty and Development (3) |
| | 446 | The Modern World System (3) |
| | 449 | Juvenile Delinquency and Social Policy (3) |
| | 452 | Race, Ethnicity, Crime, and Justice (3) |
| | 453 | Gender and Crime (3) |
| | 455 | Law and Society (3) |
| | 472 | Civil Rights Movement (3) |
| Women's Studies | 370 | Women and Globalization (3) |

| Health and Biophysics | | |
|-----------------------|---------------|--|
| DEPARTMENT | COURSE NUMBER | TITLE |
| BCMB | 420 | Advanced Topics in Biochemistry and Cellular and Molecular Biology (3) |
| | 422 | Computational Biology and Bioinformatics (3) |
| | 471 | Biophysical Chemistry (3) |
| | 481 | Biophysical Chemistry (3) |
| Nuclear | 433 | Principles of Health Physics (3) |

ARTS AND SCIENCES UNDERGRADUATE CURRICULUM 2016-2017

| | | |
|-------------|-----|-------------------------------------|
| Engineering | 490 | Radiation Biology (3) |
| Physics | 341 | Introduction to Nuclear Physics (3) |
| | 421 | Modern Optics (3) |

| How to Live in the Premodern World | | |
|---|---------------|---|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Classics | 340 | Greek and Roman Athletics (3) |
| | 345 | Greek and Roman Religion (3) |
| | 381 | Greek Civilization (3) |
| | 382 | Roman Civilization (3) |
| | 384 | Gender and Sexuality in Ancient Rome (3) |
| | 436 | Cities and Sanctuaries of the Greek and Roman World (3) |
| | 439 | Pompeii (3) |
| | 442 | Intensive Survey of the Archaeology of the Prehistoric Aegean (3) |
| | 443 | Intensive Survey of the Archaeology of Greece (3) |
| | 444 | Intensive Survey of the Archaeology of Etruria and Rome (3) |
| History: Europe (HIEU) | 321 | New Testament and Early Christian Origins (3) |
| | 322 | Christianity in Late Antiquity (3) |
| History: Latin America (HILA) | 484 | Studies in Latin American and Caribbean History (3) |
| History: Middle East | 369 | History of the Middle East |

ARTS AND SCIENCES UNDERGRADUATE CURRICULUM 2016-2017

| | | |
|----------------------------------|-----|---|
| (HIME) | 370 | History of the Middle East |
| | 382 | Archaeology of the Biblical World (3) |
| | 383 | Studies in Premodern European History (3) |
| History: Asia (HIAS) | 394 | Chinese Intellectual History: Early Times (3) |
| Judaic Studies | 322 | Medieval Philosophy (3) same as PHIL 322 and MRST 322 |
| Medieval and Renaissance Studies | 322 | Medieval Philosophy (3) same as JST 322 and PHIL 322 |
| Philosophy | 320 | Ancient Western Philosophy (3) |
| | 322 | Medieval Philosophy (3) same as JST 322 and MRST 322 |
| Religious Studies | 311 | Introduction to the Hebrew Bible (3) |
| | 312 | Introduction to Early Judaism (3) |
| | 321 | The New Testament and the Origins of Christianity (3) |
| | 322 | Christianity and Late Antiquity (3) |
| | 379 | Religions of China (3) |
| | 383 | Religions of Japan (3) |

| Humans Living on a Dynamic Earth | | |
|---|---------------|---|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Anthropology | 360 | North American Prehistory (3) |
| | 462 | Early European Prehistory (3) |
| | 463 | Rise of Complex Civilizations (3) |
| | 466 | Archaeology of Southeastern United States (3) |

ARTS AND SCIENCES UNDERGRADUATE CURRICULUM 2016-2017

| | | |
|-----------|-----|--|
| Geography | 331 | Natural Hazards (3) |
| | 333 | Climate Change and Human Response (3) |
| | 345 | People and Environment (3) |
| | 413 | Remote Sensing of the Environment (4) |
| | 430 | Global Environments of the Quaternary (3) |
| | 431 | Environmental History from Lake Sediments (3) |
| | 432 | Environmental History from Tree Rings (3) |
| | 433 | Landform Analysis and Landscape Planning (3) |
| | 435 | Biogeography (3) |
| | 436 | Water Resources (3) |
| | 439 | Plants, People, and Climate in North America (3) |
| Geology | 320 | Paleobiology (3) |
| | 340 | Earth Sedimentary Processes (4) |
| | 450 | Geomorphology (3) |
| | 455 | Environmental Geology (3) |
| | 456 | Global Climate Change (3) |
| | 459 | Introduction to Oceanography (3) |
| | 460 | Principles of Geochemistry (4) |
| | 485 | Principles of Hydrogeology (3) |

| Inequalities: Race, Ethnicity, Class, and Gender | | |
|---|---------------|--|
| DEPARTMENT | COURSE NUMBER | TITLE |
| American Studies | 310 | Introduction to American Studies (3) |
| Classics | 384 | Gender and Sexuality in Ancient Rome (3) |

ARTS AND SCIENCES UNDERGRADUATE CURRICULUM 2016-2017

| | | |
|-------------------------------|-----|---|
| English | 331 | Race and Ethnicity in American Literature (3) |
| | 332 | Women in American Literature (3) |
| | 333 | Black American Literature and Aesthetics (3) |
| | 444 | Appalachian Literature and Culture (3) |
| Geography | 363 | Southern Spaces and Places (3) |
| | 420 | GIS in the Community (3) |
| | 442 | Urban Spaces and Urban Society (3) |
| German | 433 | Nation, Race, and Ethnicity (3) |
| | 434 | Extraordinary Wo(Men) – Outcasts, Rebels, Martyrs, and Saints (3) |
| History: United States (HIUS) | 380 | The African-American Experience from the Civil War to the Present (3) |
| | 436 | History of Gender and Sexuality in the U.S. (3) |
| Philosophy | 382 | Philosophy of Feminism (3) |
| Sociology | 341 | Social Inequalities (3) |
| | 343 | Race and Ethnicity (3) |
| | 344 | Political Sociology (3) |
| | 345 | Social Movements (3) |
| | 353 | Criminal Justice (3) |
| | 375 | Gender in Society (3) |
| | 442 | Comparative Poverty and Development (3) |
| | 452 | Race, Ethnicity, Crime, and Justice (3) |
| | 453 | Gender and Crime (3) |
| | 463 | Community Sociology (3) |
| | 466 | Issues in Race and Ethnicity (3) |

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| | | |
|-----------------|-----|--|
| | 472 | Civil Rights Movement (3) |
| Spanish | 433 | Images of Women in Hispanic Literature (3) |
| | 484 | Race, Ethnicity, and Nation in Hispanic Literature (3) |
| Women's Studies | 310 | Women and Social Change (3) |
| | 340 | Women, Politics, and the Law (3) |
| | 370 | Women and Globalization (3) |

| Mobility and Migration | | |
|-------------------------------|---------------|--|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Anthropology | 320 | American Cultures (3) |
| | 322 | Topics in U.S. Ethnography (3) |
| | 325 | Migration and Transnationalism (3) |
| English | 333 | Black American Literature and Aesthetics (3) |
| Geography | 344 | Population Geography (3) |
| | 442 | Urban Spaces and Urban Society (3) |
| | 444 | The Age of Migration (3) |
| | 449 | Geography of Transportation (3) |
| German | 433 | Nation, Race, and Ethnicity (3) |
| History: Europe (HIEU) | 434 | Modern European Imperialism (3) |
| Italian | 414 | Italian Cultural Studies (3) |
| Philosophy | 441 | Global Justice and Human Rights (3) |
| Spanish | 465 | Latin American Film and Culture (3) |

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| New Geographies of the Global Economy | | |
|--|---------------|---|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Geography | 340 | Economic Geography: Core Concepts (3) |
| | 445 | Cities in a World System (3) |
| | 451 | The Global Economy (3) |
| Political Science | 350 | Political Change in Developing Areas (3) |
| | 471 | International Political Economy (3) |
| | 479 | Regional Analysis of International Politics (3) |
| Sociology | 342 | Globalization and Justice (3) |
| | 442 | Comparative Poverty and Development (3) |
| | 446 | The Modern World System (3) |

| Our World: Contemporary Arts and Culture | | |
|---|---------------|---|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Anthropology | 320 | American Cultures (3) |
| | 325 | Migration and Transnationalism (3) |
| Cinema Studies | 422 | Topics in Italian Cinema (3) |
| English | 334 | Film and American Culture (3) |
| | 335 | African Literature (3) |
| | 336 | Caribbean Literature (3) |
| | 340 | Science Fiction and Fantasy (3) |
| | 345 | Graphic Novel and Comics (3) |
| | 423 | Colonial and Post-Colonial Literature (3) |
| | 453 | Contemporary Drama (3) |

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| | | |
|------------|-----|---|
| | 456 | Contemporary Fiction/Narrative (3) |
| | 459 | Contemporary Poetry (3) |
| Geography | 320 | Cultural Geography: Core Concepts (3) |
| German | 323 | German Film (3) |
| | 416 | Metropolis Revisited (3) |
| Italian | 414 | Italian Cultural Studies (3) |
| Japanese | 321 | Japanese Graphic Novels and Animation (3) |
| Musicology | 412 | Women, Performance Art, and the Avant Garde (3) |
| | 413 | Music and the African Diaspora (3) |
| Portuguese | 315 | Aspects of Luso-Brazilian Literature (3) |
| | 326 | Brazilian Cinema (3) |
| | 430 | Contemporary Brazilian Studies (3) |
| Russian | 424 | Nabokov's Novels and Stories (3) |
| Sociology | 472 | Civil Rights Movement (3) |

| Rise and Decline of Premodern Complex Societies | | |
|--|---------------|-----------------------------------|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Anthropology | 360 | North American Prehistory (3) |
| | 462 | Early European Prehistory (3) |
| | 463 | Rise of Complex Civilizations (3) |
| Classics | 302 | History of Classical Greece (3) |
| | 306 | History of Hellenistic Greece (3) |
| | 362 | Roman Law (3) |

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| | | |
|-----------------------------|-----|---|
| | 442 | Intensive Survey of the Archaeology of the Prehistoric Aegean (3) |
| | 443 | Intensive Survey of the Archaeology of Greece (3) |
| | 444 | Intensive Survey of the Archaeology of Etruria and Rome (3) |
| | 445 | Ancient and Medieval Seafaring (3) |
| History: Europe (HIEU) | 303 | History of the Roman Republic (3) |
| | 304 | History of the Roman Empire (3) |
| | 305 | History of the Late Roman Empire (3) |
| | 311 | Dark Age Empire (3) |
| | 312 | Medieval History (3) |
| History: Middle East (HIME) | 369 | History of the Middle East and the Islamic World (3) |
| | 370 | Modern Middle East |
| | 382 | Archaeology of the Biblical World (3) |
| | 383 | Early Jewish History (3) |
| | 400 | History and Archaeology of Mesopotamia (3) |
| History: Africa (HIAF) | 371 | African to 1400 (3) |
| History: Asia (HIAS) | 389 | History of China |
| Political Science | 475 | Ancient and Medieval Political Thought (3) |

| Shifting Borders and Cultures in Europe | | |
|---|---------------|----------------------|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Geography | 371 | Exploring Europe (3) |
| German | 323 | German Film (3) |

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| | | |
|------------------------|-----|---|
| | 350 | German-Jewish Topics in Literature and Culture (3) |
| | 363 | Modern German Culture (3) |
| History: Europe (HIEU) | 320 | Contemporary Europe, 1900-present (3) |
| | 332 | Europe in the Age of Total War, 1900-2000 (3) |
| | 334 | History of Germany (3) |
| | 434 | Modern European Imperialism (3) |
| | 435 | Science, Religion, and Magic in Early Modern Europe (3) |
| Religious Studies | 385 | Contemporary Jewish Thinkers (3) |
| | 386 | Voices of the Holocaust (3) |

| Understanding Climate Change | | |
|----------------------------------|---------------|---|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Ecology and Evolutionary Biology | 404 | Ecosystem Ecology (3) |
| | 433 | Plant Ecology (3) |
| Geography | 331 | Natural Hazards (3) |
| | 333 | Climate Change and Human Response (3) |
| | 334 | Meteorology (3) |
| | 430 | Global Environments of the Quaternary (3) |
| | 431 | Environmental History from Lake Sediments (3) |
| | 432 | Environmental History from Tree Rings (4) |
| | 434 | Climatology (3) |

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| | | |
|---------|-----|--|
| | 439 | Plants, People, and Climate in North America (3) |
| | 453 | Extreme Weather Climatology (3) |
| Geology | 456 | Global Climate Change (3) |
| | 459 | Introduction to Oceanography (3) |

| Visual Cultures and Media Studies | | |
|-----------------------------------|---------------|--|
| DEPARTMENT | COURSE NUMBER | TITLE |
| Asian Studies | 401 | South Asian Cinema: Bollywood and Beyond (3) |
| English | 334 | Film and American Culture (3) |
| French | 420 | French Cinema (3) |
| Geography | 423 | Geography of American Popular Culture (3) |
| German | 323 | German Film (3) |
| Italian | 422 | Topics in Italian Cinema (3) |
| Japanese | 315 | Asian Film (3) |
| Philosophy | 350 | Aesthetics (3) |
| Political Science | 312 | Popular Culture and American Politics (3) |
| Portuguese | 326 | Brazilian Cinema (3) |
| Sociology | 410 | Sociology of Culture (3) |
| Spanish | 434 | Hispanic Culture through Film (3) |

MAJORS AND MINORS

A major consists of at least 30 but not more than 48 credit hours in a single subject area in courses numbered at the 200 level or above, as specified by each department.

As many as 6 credit hours taken in the major may also satisfy Foundations and Perspective requirements and three credit hours from the Connections Package option for the College-wide Connections requirement may also be used towards the major.

A minimum grade of C must be earned in every course counted toward a major. Students transferring from another institution must complete at least 9 credit hours at UT in the chosen major.

Arts & Sciences majors are listed on pages 12-16. For more information on Arts & Sciences majors:

- visit our web site at artsci.utk.edu/advising
- use the UT Catalog
- view individual departmental websites
- Visit the Academic Programs website (www.utk.edu/advising/)

Declaring a Major: Students should meet with an advisor in major interest areas as soon as possible. Once a major has been chosen, the student should formally declare the major with the major department. Students may officially declare most majors as soon as they enroll at the University. Students who wish to declare an Interdisciplinary major will do so in Arts and Sciences Advising Services, room 313 Ayres Hall.

All pre-health students not assigned to departmental advisors will be advised by pre-health advisors in Arts & Sciences Advising Services.

Students who have yet to declare their major or those who are undecided in their major will be advised in Arts & Sciences Advising Services.

Optional Multiple Majors: After the general requirements of Foundations, Perspectives, and connections and a major have been satisfied, additional majors may be recorded on the transcript without regard to course overlaps among majors or among the additional majors and Foundations, Perspectives and Connections, provided a minimum of 18 distinct credit hours differentiates the primary major from the additional majors. (Additional majors are declared in the departments.) You must declare your intention to satisfy requirements for multiple majors when you apply for graduation. Once you graduate, your additional major becomes subject to University second-degree requirements. Information concerning Second Majors and a Second Bachelor's Degree may be found in the Undergraduate Catalog.

Students may satisfy degree requirements in a college other than Arts & Sciences and pursue a major in the College of Arts & Sciences, as well. In this case, complete only the major requirements, not the Foundations, Perspectives, and Connections. Both majors will be listed on the transcript.

Minors: A minor consists of at least 15 credit hours in a single subject area in courses numbered at the 200 level or above. Complete at least 6 of the required credit hours at UT; however, individual departments may have stricter requirements.

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Minors are available in Arabic Studies, Astronomy, Portuguese, Japanese, Chinese, and VolsTeach, as well as in most departments or programs that also offer majors. A minor is declared in the department.

Single or multiple minors may be recorded on the academic record without regard to course overlap among minors and major or among minors and Foundations and Perspectives requirements, provided at least nine hours differentiate a minor from a student's majors and from any other minors and the minor is not in the same concentration as any of the student's majors. Students who satisfy the requirements of a degree in a college other than Arts and Sciences may also minor inside the College of Arts and Sciences with the approval of the degree-granting unit. The minimum requirement for a minor is 15 credit hours in courses numbered 200 or above. Minors are available in most departments or programs in which majors are offered across the University. At least 6 of the 15 credit hours required for a minor must be completed at the University of Tennessee, Knoxville. Students should declare the minor at the earliest possible date, and in any case, prior to applying for graduation.

Elective Courses: In some cases, as much as one-fourth of your curriculum can consist of elective courses selected to supplement and support your work in General Education, Foundations, Perspectives, and Connections, and major requirements. These courses enrich your total University experience and give you freedom to develop your academic program according to your own interests. Elective courses might include additional courses in your major field, in a related minor, or in the arts, or they may be off-campus studies.

INTERDISCIPLINARY PROGRAMS

In keeping with the philosophy that integration of knowledge is as important as proficiency in a given field, the College of Arts and Sciences has combined the resources of several departments to offer a series of interdisciplinary majors and minors. These programs include Africana Studies, American Studies, Asian Studies, Cinema Studies, Global Studies, Judaic Studies, Latin American and Caribbean Studies, Linguistics, Medieval and Renaissance Studies, Neuroscience, Sustainability and Women's Studies. Please visit (artsci.utk.edu/academicprograms/interdisciplinary-programs/) for contact information for each of these programs.

HONORS OPPORTUNITIES

Outstanding students generally find that the Honors Program courses offered by the University provide a stimulating, satisfying, and enriching experience. These opportunities for non-departmental study in a small group of talented students and outstanding faculty members are offered at all levels throughout the University Honors Program, as well as in departmental honors courses in certain subject areas (Anthropology, Art History, Astronomy, Chemistry, Communication Studies, Economics, English, French, Geography, Geology, History, Mathematics, Philosophy, Physics, Political Science, Psychology, Religious Studies, Sociology, Spanish, Statistics and Theatre).

A number of Arts & Sciences departments (Anthropology, Chemistry, Classics, the Division of Biology, Earth and Planetary Sciences, Economics, English, French and Francophone Studies, Geography, German, History, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Religious Studies, Russian Studies, Sociology and Theatre) have programs in which a major can graduate with an Honors degree. All of these programs require that at least 12 hours of honors courses be used in satisfaction of degree requirements and some departments may require more. A senior research project or thesis

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is a requirement, and a cumulative GPA of at least a 3.25 is required for award of the honors degree. For specific requirements see individual program degree requirements.

A number of departments also have programs for their outstanding students, though these courses are not labeled "Honors." Students should also be aware of the various reading, seminar, and research courses that provide an opportunity for personal contact with faculty members.

ADVANCED PLACEMENT

Advanced Placement Exams are offered each May by the College Entrance Examination Boards and are designed to measure achievement in specific subject areas. These tests are usually taken by junior and senior high-school students preparing to enter college.

Because the material tested by AP Exams compares to the content of introductory college-level courses, many colleges and universities grant advanced placement credit on the basis of Advanced Placement Exam scores. Students are usually granted credit with scores of 3, 4, or 5.

Note: Pre-health students who are granted Advanced Placement credit in required science courses may use those credits to satisfy the science requirements for the health profession only if they take an equal number of hours above and beyond the general requirements in the same disciplines, while they are in residence at UT.

Advanced Placement credit in English will satisfy the general hours requirement.

UT departments offering courses comparable to the material covered in the various Advanced Placement tests have agreed to grant Advanced Placement credit. The credits earned on each exam are entered on the transcript and will apply to all requirements. The Advanced Placement scores and test booklets are sent to the Director of Admissions at UT sometime in June or July. See the chart on the next page for details on Advanced Placement scores and awarded credit.

| Subject | AP Score | Credit Given |
|------------------------------|----------|---|
| American History | 4 or 5 | History 221–222 (3,3) |
| Biology | 3 | Biology 101 (4) |
| Biology | 4 | Biology 101–102 (4,4) |
| Biology | 5 | Biology 101–102 and Biology 160 (4,4,3) |
| Calculus AB | 3 | Math 125 (3) |
| Calculus AB | 4 | Math 141 (4) |
| Calculus AB | 5 | Math 147 (4) |
| Calculus BC | 3 | Math 141 (4) |
| Calculus BC | 4 | Math 141–142 (4,4) |
| Calculus BC | 5 | Math 147–148 (4,4) |
| Chemistry | 4 or 5 | Chemistry 120-130 (4,4) |
| Chinese Language and Culture | 4 or 5 | Chinese 131-132 (5,5) |
| Computer Science A | 5 | Computer Science 102 (4) |

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| | | |
|--|---|---|
| Economics – Micro & Mac. | 3, 4 or 5 | Economics 201 (4) |
| English Language & Composition | 4 or 5 | English 101 (3) |
| English Literature & Composition | 4 or 5 | *Students admitted Fall 2016 and forward, credit for English 101 (3) |
| | | *Students admitted prior to Fall 2016, credit for English 101-102 (3,3) |
| Environmental Science | 3 | Geology 201 (3) |
| Environmental Science | 4 or 5 | Geology 201–202 (3,3) |
| European History | 4 or 5 | History LD–242 (3,3) |
| French Language and Culture | 3 | French 211–212 (3,3) |
| French Language and Culture | 4 or 5 | French 212–333 (3,3) |
| German Language and Culture | 4 or 5 | German 211–212 or German 311–312 (3,3) |
| German Language and Culture | 3 | German 211–212 (3,3) |
| Government and Politics – Comparative Exam | 2014 exams and prior 3,4 or 5 | Political Science 102 (3) |
| | *Exams taken in 2015 a score of 4 or 5 is required. | |
| Government and Politics – US Exam | 2014 exams and prior 3,4 or 5 | Political Science 101 (3) |
| | *Exams taken in 2015 a score of 4 or 5 is required. | |
| Human Geography | 4 or 5 | Geography 121 (3) |

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| | | |
|---|-----------|-------------------------------|
| Latin | 3, 4 or 5 | Latin 251–252 (3,3) |
| Music Theory – Aural Subscore | 4 | MUTH 130 (3) |
| Music Theory – Aural Subscore | 5 | MUTH 130, 140 (3,3) |
| Music Theory – Non-aural (written) Subscore | 4 | MUTH 110 (3) |
| Music Theory – Non-aural (written) Subscore | 5 | MUTH 110, 120 (3,3) |
| Physics I | 4 or 5 | Physics 221 (4) |
| Physics II | 4 or 5 | Physics 222 (4) |
| Physics C – E & M | 5 | Physics 136 (4) |
| Physics C – E & M | 4 | Physics 102 or 222 or 231 (4) |
| Physics C – Mechanics | 5 | Physics 135 (4) |
| Physics C – Mechanics | 4 | Physics 101 or 161 or 221 (4) |
| Psychology | 3, 4 or 5 | Psychology 110 (3) |
| Spanish Language or Literature | 3 | Spanish 211–212 (3,3) |
| Spanish Language or Literature | 4 | Spanish 212 and 300 (3,3) |
| Spanish Language or Literature | 5 | Spanish 300 and 305 (3,3) |
| Statistics | 4 or 5 | Statistics 201 (3) |
| World History | 4 or 5 | History 261–262 (3,3) |

*Credit is not awarded for Advanced Placement test scores for the following AP tests: Art Drawing; Art 2D Design; Art 3D Design; Art History; Italian; Studio Art: General or Drawing Portfolio

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International Baccalaureate (IB) Exam Credit

| Subject | Score | Credit Given |
|--|-------|--|
| Biology (higher level) | 5 + | Biology 101–102 |
| Chemistry (higher level) | 5 + | Chemistry 120–130 |
| English (A1 exam) | 5 | English 101 |
| English (A1 exam) | 6 + | English 101–102 |
| English (A2 and B exam) | N/A | No credit |
| Environmental Systems and Societies (standard level) | 4 + | Geology 202 |
| Film (higher level) | 5 + | Cinema Studies LD |
| French (standard level) | 5 + | French 212 |
| French (higher level) | 5 + | French 212, 333 |
| Geography | 4 + | Geography 121 |
| German (standard level) | 4 | German 211–212 |
| German (higher level) | 4 + | German 211–212 or German 301–302 or German 311–312 |
| History (higher level) | 4 + | History LD–LD |
| Latin (standard level) | 5 + | Latin 251–252 |
| Latin (higher level) | 4 + | Latin 251–252 |
| Math (higher level) | 4 + | Mathematics 141–142 plus 4 hours LD Math credit |
| Music | 6 + | Musicology 110 |
| Philosophy (higher level) | 4 + | Philosophy 101 |
| Physics (higher level 1) | 4 + | Physics 221 |
| Physics (higher level 2) | 4 + | Physics 222 |
| Psychology (standard or higher level) | 4 + | Psychology 110 |
| Social and Cultural Anthropology | 4 + | Anthropology 130 |
| Spanish (higher level) | 4 + | Spanish 211–212 |

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|----------------------------------|-----|----------------------------|
| Theatre (higher level) | 4 + | Theatre 100 and Theatre LD |
| Visual Arts (higher level) | 5 + | Art LD |
| World Religions (standard level) | 4 + | Religious Studies LD |

RESOURCES FOR STUDENTS

Career/Personal Development

Career Development, 2nd level Student Union, 974-5435, provides a wide variety of services including career counseling, vocational assessment, résumé- building assistance, job placement, and career information.

Counselor Education 205, Exploring Majors and Careers, is a 1 credit hour course designed to help students with decisions concerning careers and majors by completing an inventory of skills, interests and values, exploring careers, and identifying alternatives. (S/NC).

Counselor Education 404, Career Strategies for the Arts & Sciences, is a 3 credit class designed to help students in Arts, Social Sciences, and Humanities majors explore career options, write a resume, and apply for graduate schools or perform a successful job search.

Counselor Education 404, Career Strategies for the Arts & Sciences, is a 3 credit class designed for students in the hard sciences. Topics include career exploration, job seeking, graduate school, and transitioning to the world of work.

Center for Leadership and Service

This office assists in engaging and educating all students to lead and serve the global community. This is accomplished through a variety of programs and services open to any student interested in developing leadership skills and serving those in need. The office is located in room 2238 Dunford Hall, 974-1039.

Disability Services

This office provides students with disabilities academic and personal support and also works with faculty to make academic modifications for students with disabilities. The office is located at 100 Dunford Hall, 974-6087. You may email ods@utk.edu for more information.

Office of First Year Studies

The Office of First Year Studies, located in 217 Greve Hall, 974-3523, is a resource dedicated to first year students and has developed a number of courses to facilitate a student's successful adjustment to college.

First Year Studies 100 is an S/NC course required for all first-year students. It is an online course that contains academic success and engagement activities to assist in the transition to college.

First Year Studies 101 is a 1 credit hour course which addresses integration into the academic community, including the nature and purpose of a college education, expectations

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for academic success, organization of university disciplines, and special emphasis on academic and career planning. (A,B,C/NC grading)

First Year Studies 129 is a one credit offering given on a credit / non-credit basis. This course is designed to encourage the exchange of ideas between professors and students. Check <http://fys.utk.edu/> for course topics.

Programs Abroad Office

This office provides opportunities for Studying Abroad. The Center for International Education's Programs Abroad Office provides information and advice about study abroad options, including student exchanges with universities in 40 countries on six continents, scholarship opportunities and faculty led programs. The office is located at 1620 Melrose Avenue, 974-3177.

Student Success Center

This office provides UT students information and resources in the areas of tutoring and academic support, service and community, and student life. Also, the SSC coordinates First Year Studies 101, Undergraduate Academic Appeals and the UT LEAD program. The SSC also provides academic coaches to assist students in developing learning and life management strategies. The main office is Greve Hall, room 324, 974-6641. Check out studentsuccess.utk.edu for additional information.

Supplemental Instruction

The Student Success Center offers free, out of class, study sessions for traditionally difficult courses. Visit the following website for a current list of sessions offered (studentsuccess.utk.edu/supplemental-instruction).

Tutoring

Chemistry Help Sessions are open to students taking 100-level and organic chemistry courses. Please visit (www.chem.utk.edu/undergraduate-programs) for locations and schedule.

Educational Advancement Program, 302 Greve Hall, 974-7900, allows students the opportunity to enroll in smaller sections of courses, such as Chemistry and Math, and provides information on tutors.

The Math Tutorial Center is open to students taking 100 level mathematics courses. The lab is located in G-12 Ayres Hall (east wing, ground floor) 974-4266 or 974-2461. There is also a satellite branch in Hodges Library in the commons open during limited hours.

Office of Multicultural Student Life, 1800 Melrose Avenue, 974-6861, provides tutoring for any UT student. Visit <http://multicultural.utk.edu/services/tutoring> for additional information.

The Student Success Center offers free tutoring for all enrolled students. Please visit studentsuccess.utk.edu/tutoring for the tutoring schedule.

The Writing Center is available to students for additional help with writing skills. Inquire at the Writing Center, 212 Humanities Building, 974-2611. Students can also seek assistance in The Commons in Hodges Library and in Pendergrass Library during limited hours. Visit writingcenter.utk.edu for more information. Students can also call the Grammar Hotline (974-2611) for brief queries about writing.

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ACADEMIC ADVISING TERMS

ACADEMIC HISTORY: An unofficial record of a student's attempted coursework from all institutions attended. Students can access this information through the myutk.utk.edu portal.

ACADEMIC PLAN: A planning worksheet used to outline remaining course requirements semester by semester. Varies by college.

ACADEMIC PROBATION ADVISING: Students are placed on academic probation when either their cumulative GPA falls below 2.00 or their semester GPA falls below 2.00 for two consecutive semesters, regardless of their cumulative GPA. While on Academic Probation, a student must participate in a special advising session in Arts & Sciences Advising Services. See the UT Undergraduate Catalog, or ask your advisor for further details.

ACADEMIC YEAR: Refers to the Fall, Spring and Summer semesters occurring in one calendar year.

ADD SLIP: The form used for adding a closed or restricted course when an authorizing signature is required. For example, to add a closed course, both the instructor's and the department head's signatures are needed. The form is found at <http://registrar.tennessee.edu/forms/index.shtml>.

CRN: Course registration number.

CATALOG: A student's "contract" with the University. This online publication contains all academic policies and procedures, college and degree requirements, faculty, and course descriptions. All students are responsible for knowing information provided in this publication. Catalogs are in effect for 6 years.

CATALOG YEAR: The year during which regulations of a specific education of the Undergraduate Catalog apply. Students may satisfy requirements for a Bachelor's degree using any catalog in effect during their attendance at the University provided the catalog has been in effect within six years of graduation. A new catalog year begins every fall term. Students beginning in a spring or summer semester are eligible to follow the fall catalog for that academic year.

CLOSED COURSE (C): A course that is filled to capacity and has no available spaces. Special permission from the instructor and department is needed to add a closed course. Add slips are available at registrar.tennessee.edu/forms/index.shtml. A wait list option is available for some courses.

CONCENTRATION: A specific focus within a major; for example, English majors may choose to concentrate in either literature or creative writing.

COREQUISITE: A course to be taken, or a requirement to be fulfilled, at the same time you are taking a particular course.

CREDIT HOURS: Refers to the number of credits or units earned by successfully completing

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a course. This is approximately equal to the number of hours the class meets per week; also referred to as semester hours.

COURSE LOAD: The average course load for any semester is 15 to 16 credit hours. Students registered for at least 12 hours are considered full-time. The maximum number of hours that may be attempted in one semester is 19 and for summer is 12. To request course overloads, permission from the College is required. (Requests can be filled out in 313 Ayres Hall or online at www.artsci.utk.edu/advising/adv_res/forms.asp.)

DEGREE AUDIT REPORTING SYSTEM (DARS): An automated record of a student's academic progress toward degree completion in a major. Students can access DARS web by signing into MyUTK at <https://myutk.utk.edu>.

DEGREE PLAN: An academic planning worksheet used to keep track of projected and completed course requirements. Varies by college.

DROP/ADD: The process of adding or removing a course or courses from a schedule. Most dropping and adding can be done using MyUTK. Drop/Add deadlines are found at <http://registrar.tennessee.edu>.

DROP POLICY: A student is allowed four drops during his/her academic career. Please read the undergraduate catalog for additional information regarding the University's drop policy.

ELECTIVE: A course that does not fulfill a specific requirement but that may be used toward the total number of credit hours needed for graduation.

GENERAL EDUCATION: Courses that allow a student to develop the basic skills, knowledge, attitudes, and judgements necessary for effective citizenship at all levels, local to the global, for fulfilling interactions with others and the environment, and for an enriched personal life. General Education requirements are common to all UTK degrees.

GPA: The result of dividing the total number of quality points earned by a student by the total number of graded credit hours of course work the student has attempted. GPA calculators can be found at <http://registrar.tennessee.edu/records/grades.shtml>.

GRADING SCALE: UT's grading scale is a 4-point scale consisting of letter grades A, A-, B+, B, B-, C+, C, C-, D+, D, D- and F, with an A worth 4 quality points and a F worth 0 quality points.

INCOMPLETE (I): An "I" is assigned under extraordinary circumstances and only at the discretion of the instructor when a student whose work is satisfactory has not completed some portion of a course. The grade "I" is not computed into the student's GPA. The terms for the removal of "I", including time limit, will be decided by the instructor. Students should never re-enroll in a course in which an "I" was awarded.

MAJOR: Concentrated study in a subject area of special interest.

MILESTONE: In order to stay on track for a major or exploratory area, students must complete minimum requirements for each tracking semester known as milestones.

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MINOR: An optional secondary field of study requiring fewer credits than a major.

MYUTK: Web based registration system found at <https://myutk.utk.edu>.

NET ID: The first part of a student's UTK email address received once attendance at UTK is confirmed. Your net ID is used each semester to register for courses, to log into your UTK email account, to sign onto Blackboard, and to log into your MyUTK account.

PREREQUISITE: A course to be completed or a level of skill or knowledge to be demonstrated before you may enroll in a particular course or degree program or associate with a particular college.

PROGRESSION REQUIREMENT: Courses and/or GPA requirements that must be met before a student may officially declare certain majors.

QUALITY POINTS: The number of quality points earned for each course completed is computed by multiplying the value of the grade received in the course (A = 4, B = 3, etc.) by the number of credit hours assigned to the course. Example: an A in Computer Science 102, a 4-credit-hour course, totals 16 quality points (4 x 4) for the work.

REQUIRED ADVISING: Before registering for classes, students are required to consult either their departmental advisor or an Arts and Sciences Advising Services advisor. For students who have earned less than 30 hours at UTK, advising appointments are scheduled once each term. After 30 earned hours, students in good standing who have declared their majors and are on track schedule appointments once each academic year during a designated term. Visit www.artsci.utk.edu/advising/policy.asp for more information.

SECTION NUMBER: A three-digit number that identifies the section of a particular course when multiple sections of the same course are offered.

SEQUENCE: Two or more courses that must be taken in sequence. These are indicated in this guide by a hyphen between course numbers.

STUDENT ID NUMBER: Unique nine-digit number generated for students upon admission to the University.

TIMETABLE: List of all courses offered during a semester, including section numbers, times, and meeting places. You can view the timetable at MyUTK.

TRANSCRIPT: An official record of attempted coursework from all institutions attended obtained in the records office.

UNIVERSITY/COLLEGE/DEPARTMENT: UTK is composed of 9 undergraduate colleges: Agricultural Sciences and Natural Resources; Architecture and Design; Arts and Sciences; Business Administration; Communication and Information; Education, Health and Human Sciences; Engineering; Nursing; and Social Work. Each college is divided into departments (for example, the Departments of English, Math, and Political Science in the College of Arts & Sciences).

UTRACK: An academic monitoring system designed to help students stay on track for a

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timely graduation.

WAIT LIST: Registration option on MyUTK for some courses. Allows students to automatically enroll in a closed course as seats become available.

WRITING EMPHASIS COURSE: Writing emphasis courses require a at least 2,000 written words, normally composed of one sustained essay or report of at least 1,000 words each, plus additional writing assignments, such as in-class essay exams, journals, and book reviews. These courses help students learn course materials by developing critical thinking skills, demonstrating the ability to sustain an argument, and strengthening existing writing skills.

WRITING INTENSIVE COURSE (WC): Courses designated "WC" are writing intensive and integrate writing as a vital component of the course. Writing intensive courses require a total of at least 5,000 words, with the writing taking many forms.