Statement of Purpose. General education provides the foundation for successful academic study, for lifelong learning, and for carrying out the duties of local, national, and global citizenship. By building basic skills in communication, analysis, and computation as well as by broadening students’ historical and cultural perspectives, the general education curriculum helps students acquire an understanding of both self and society, and thus contributes to their personal enrichment while enrolled and after graduation.

The University of Tennessee’s general education program has been designed to enable the student to move among colleges within the university or to move to another institution of higher learning. Although it will provide the students with the skills required by college study, those skills are specific neither to UT Knoxville nor to a particular major or career path.

Outcomes. The program is expected to produce the following outcomes for the students.

Building Basic Skills. Because the hallmark of the educated person is the ability to think independently, students must be trained to acquire, evaluate, and use information.

• Students must be able to acquire information by conducting independent research, both in a conventional library setting and through the use of the rapidly developing electronic technologies, including databases and internet resources.

• Students must then learn to evaluate the reliability, accuracy, and logical soundness of that information. The students will be taught to apply evaluative techniques to statistical and rhetorical presentations in arts, humanities, natural sciences, and social sciences.

• Students must be trained to use the information that they have acquired. They must write clearly, speak convincingly, and solve problems using creative approaches.

Developing Broadened Perspectives. General education should help students develop habits of self-examination in the context of the individual’s relationship to family, community, society, and world. To this end, general education should also help foster a commitment to respecting the diversity of personal and cultural values.

• Students should be able to explain their own values and beliefs, as well as to understand the histories and cultures behind those values. Students should also develop a commitment to lifelong learning so that they may continue to examine the relationships between their personal perspectives and the perspectives that arise from other cultures.

• Students should strengthen their sensitivity to cultural diversity by studying the histories and traditions of other cultures, both within and outside the United States; and by understanding the dynamic nature of a multicultural world through interdisciplinary perspectives or by learning other languages.

These are the General Education requirements (See Notes)

A. For Building Basic Skills

I. Communicating through Writing (3 courses including English 101 and 102 plus an approved writing-intensive course). Good writing skills enable students to create and share ideas, investigate and describe values, and record discoveries – all skills that are necessary not only for professional success but also for personal fulfillment in a world where communication increasingly takes place through electronic media. Students must be able to identify areas for inquiry, locate relevant information, evaluate its usefulness and quality, and incorporate the information logically and ethically. They must be able to write correctly, and they must be aware that different audiences and purposes call for different rhetorical responses.

To satisfy this requirement, students take the first-year composition sequence and, upon completion of English 101 and 102 or their equivalent (see Note 4), take one other course designated as “writing-intensive” (WC) in the undergraduate catalog. The writing-intensive courses can be within the student’s major or an elective. In order to gain a (WC) designation, courses shall require formal and informal writing assignments that total 5,000 words.

APPROVED COMMUNICATING THROUGH WRITING (WC) COURSES

Agricultural and Extension Education

440 Communication Techniques in Agriculture

Animal Science

280 Biotechnology and Management Practices in Animal Production

Architecture

213 History and Theory of Contemporary Architecture

Biochemistry and Cellular and Molecular Biology

409 Perspectives in Biochemistry and Cellular and Molecular Biology

Child and Family Studies

405 Development of Professional Skills

Civil Engineering

205 Professional Development I

Electrical and Computer Engineering

400 Senior Design

English

206 Introduction to Shakespeare

254 Themes in Literature

255 Public Writing

295 Business and Technical Writing

355 Rhetoric and Writing

360 Technical and Professional Writing

363 Writing Poetry

364 Writing Fiction

398 Junior-Senior Honors Seminar

455 Persuasive Writing

499 Senior Seminar

Forestry

321 Wildland Recreation

Forestry, Wildlife, and Fisheries

312 Principles of Silviculture

Hotel, Restaurant, and Tourism

390 Professional Development (same as Retail and Consumer Sciences 390)

Industrial Engineering

350 Junior Seminar

Information Sciences

450 Writing About Science and Medicine (same as Journalism and Electronic Media 450)
II. Communicating Orally (1 course). The ability to communicate one's ideas orally is as important as the ability to express them well in writing. Students should be able to speak in an informative and/or convincing manner to other individuals and to groups, both small and large. Being able to express one's thoughts clearly has always been a critical component of good citizenship. Students should be able to locate relevant information, evaluate its usefulness and quality, and incorporate the information logically and ethically in public address. (See Note 5.) This requirement may be completed by

1. completion of Communication Studies 210 or 240
2. completion of a course with an (OC) designation.

APPROVED COMMUNICATING ORALLY (OC) COURSES

Aerospace Engineering
   410 Professional Development

Animal Science
   360 Horse, Dairy, and Meat Animal Evaluation

Biology
   157 Honors Experimental Biology

Biomedical Engineering
   410 Professional Topics

Biosystems Engineering
   401 Biosystems Engineering Design I

Chemistry
   406 Senior Seminar

Child and Family Studies
   405 Development of Professional Skills

Civil Engineering
   205 Professional Development I

Electrical and Computer Engineering
   400 Senior Design

Environmental and Soil Sciences
   301 Professional Development

Legal Studies
   244 Professional Responsibility (same as Philosophy 244 and Religious Studies 244)

Mechanical Engineering
   410 Professional Development

Nuclear Engineering
   400 Senior Seminar

Nursing
   341 Transcultural Nursing
   454 Professional Leadership Issues

Philosophy
   242 Contemporary Moral Issues
   244 Professional Responsibility (same as Legal Studies 244 and Religious Studies 244)

Religious Studies
   244 Professional Responsibility (same as Legal Studies 244 and Philosophy 244)
III. Quantitative Reasoning (2 courses). In today’s world, arguments and claims often rely for support on scientific studies and statistical evidence. Students should possess the mathematical and quantitative skills to evaluate such evidence. Furthermore, students should possess the skills both to recognize the quantitative dimension of problems and to use mathematical reasoning to formulate and solve the problem. Finally, students need strong quantitative skills because they are indispensable in managing everyday-life situations. This requirement may be completed by either of the following.

(1) Taking two mathematics or statistics courses from the list below. (Preferably, these courses would be taken in one of the following pairings: Mathematics 113 and 115; Mathematics 123 and 125; Mathematics 141 and 142; Mathematics 147 and 148; Mathematics 151 and 152; Mathematics 125, 141 or 147 and Statistics 201 or 207; Mathematics 115 and 123 or 125 or 202.).

Mathematics
113 Mathematical Reasoning
115 Statistical Reasoning
117 Honors Mathematical Reasoning
123 Finite Mathematics
125 Basic Calculus
141–142 Calculus I, II
147–148 Honors: Calculus I, II
151–152 Mathematics for the Life Sciences I, II
202 Probability, Statistics, and Euclidean Geometry

Statistics
201 Introduction to Statistics
207 Honors: Introduction to Statistics

or

(2) taking one mathematics course from the list above and one course designated in the undergraduate catalog as having a quantitative component (QR). The course designated as having a quantitative component may be within the student’s major or an elective.

APPROVED QUANTITATIVE REASONING (QR) COURSES

Architecture
331 Architectural Structures I

Computer Science
100 Introduction to Computers and Computing
102 Introduction to Computer Science

Interior Design
460 Lighting for Interior Design

Music Technology
290 Sound Recording Techniques

University Honors
187 Quantitative Reasoning Honors Seminar

Astronomy
151 A Journey through the Solar System†
152 Stars, Galaxies, and Cosmology†
161 A Journey through the Solar System with Laboratory
162 Stars, Galaxies, and Cosmology with Laboratory
217–218 Honors: Introductory Astronomy

Biology
101–102 Humankind in the Biotic World
111–112 General Botany
130 Biodiversity
140 Organization and Function of the Cell
157 Honors Experimental Biology

Chemistry
100 Principles of Chemistry
110 Introduction to Organic and Biochemistry
120–130 General Chemistry I and II
128–138 Honors: General Chemistry I and II

Entomology and Plant Pathology
201 Impact of Insects and Plant Diseases on Human Society†

Forestry, Wildlife and Fisheries
250 Conservation†

Geography
131–132 Geography of the Natural Environment I and II

Geology
101 The Dynamic Earth
102 Earth, Life, and Time
103 The Earth’s Environment
107 Honors: The Dynamic Earth
108 Honors: Earth, Life, and Time
201 Biodiversity: Past, Present, and Future†
202 Earth As An Ecosystem: Modern Problems and Solutions†
203 Geology of National Parks†
205 Age of the Dinosaurs†

Microbiology
210 General Microbiology

Nutrition
100 Introductory Nutrition†

Physics
101–102 How Things Work I and II†
135–136 Introduction to Physics for Physical Science and Mathematics Majors I and II
137–138 Honors: Fundamentals of Physics for Physics Majors I and II
161 Elements of Physics for Architects and Interior Design Students†
221–222 Elements of Physics
231 Fundamentals of Physics: Electricity and Magnetism
232 Fundamentals of Physics: Wave Motion, Optics, and Modern Physics

II. Arts and Humanities (2 courses). To live well in the present, one must have an acquaintance with the past, especially with the cultural achievements that are the distinctive hallmarks of all human societies. An appreciation of art, music, theater, literature, and philosophy will not only enrich the lives of students, but it will also help them understand their own and other’s aspirations, both in a historical and a contemporary context. This requirement is satisfied by taking two courses from the list below.

ARTS AND HUMANITIES (AH) COURSES

(† NON-LAB COURSES)

Anthropology
110 Human Origins†
APPROVED ARTS AND HUMANITIES (AH) COURSES

**Africana Studies**
- 162  Art of Africa, Oceania, and Pre-Columbian America *(same as Art History 162)*
- 233  Major Black Writers *(same as English 233)*

**Architecture**
- 111  Architecture and the Built Environment
- 211  History and Theory of Architecture I
- 212  History and Theory of Architecture II

**Art History**
- 162  Art of Africa, Oceania, and Pre-Columbian America *(same as Africana Studies 162)*
- 167  Honors: Art of Africa, Oceania, and Pre-Columbian America
- 172  Western Art I
- 173  Western Art II
- 177  Honors: Western Art I
- 178  Honors: Western Art II
- 183  Asian Art
- 187  Honors: Asian Art

**Classics**
- 221  Early Greek Mythology
- 222  Classical Greek and Roman Mythology
- 232  Archaeology and Art of Ancient Greece and Rome
- 253  Greek and Roman Literature in English Translation

**English**
- 201  British Literature I: Beowulf through Johnson
- 202  British Literature II: Wordsworth to the Present
- 206  Introduction to Shakespeare
- 207  Honors: British Literature I
- 208  Honors: British Literature II
- 221  Literature of the Western World I: Ancient, Medieval, and Renaissance
- 222  Literature of the Western World II: Enlightenment, Romantic, and Modern
- 231  American Literature I: Colonial Era to the Civil War
- 232  American Literature II: Civil War to Present
- 233  Major Black Writers *(same as Africana Studies 233)*
- 237  Honors: American Literature I: Colonial Era to the Civil War
- 238  Honors: American Literature II: Civil War to Present
- 251  Introduction to Poetry
- 252  Introduction to Drama
- 253  Introduction to Fiction
- 254  Themes in Literature

**Legal Studies**
- 244  Professional Responsibility *(same as Philosophy 244 and Religious Studies 244)*

**Musicology**
- 110  Introduction to Music in Western Culture
- 115  Music in the United States
- 120  History of Rock
- 125  Jazz in American Culture
- 210  History of Western Music, Ancient to the Baroque
- 220  History of Western Music, Classical to the Present
- 290  Soundscapes: Exploring Music in a Changing World

**Philosophy**
- 110  The Human Condition: Values and Reality
- 111  The Human Condition: Knowledge and Reality
- 117  Honors: Introduction to Philosophy
- 118  Honors: Introduction to Philosophy
- 241  Engineering Ethics
- 242  Contemporary Moral Issues
- 243  Business Ethics
- 244  Professional Responsibility *(same as Legal Studies 244 and Religious Studies 244)*
- 245  Environmental Ethics
- 246  Bioethics *(same as Religious Studies 246)*
- 290  Social and Political Philosophy

**Religious Studies**
- 244  Professional Responsibility *(same as Legal Studies 244 and Philosophy 244)*
- 246  Bioethics *(same as Philosophy 246)*

**Russian**
- 221  Rebels, Dreamers, and Fools: The Outcast in 19th-Century Russian Literature
- 222  Heaven or Hell: Utopias and Dystopias in 20th-Century Russian Literature

**Theatre**
- 100  Introduction to Theatre

**University Honors**
- 157  Arts and Humanities Honors Seminar
- 257  Special Topics in the Arts and Humanities

**III. Social Sciences (2 courses)**

The goal of the social sciences is to help us understand the way that we live, especially the relation between the individual and the group, sometimes from an historical but often from a contemporary perspective. Vital to the continued health and success of our society is an understanding of the complex individual, political, and social dynamics that make up the modern world. Students should not only have knowledge of the principal concerns of the social sciences, but they should also understand the methods by which social scientists collect and evaluate knowledge. This requirement is satisfied by taking two courses from the following list.

APPROVED SOCIAL SCIENCES (SS) COURSES

**Africana Studies**
- 201  Introduction to African-American Studies
- 202  Introduction to African-American Studies

**Anthropology**
- 130  Cultural Anthropology

**Child and Family Studies**
- 210  Human Development
- 220  Marriage and Family: Roles and Relationships *(same as Women’s Studies 230)*

**Economics**
- 201  Introductory Economics: A Survey Course
- 207  Honors: Introductory Economics

**Geography**
- 101-102  World Geography

**Political Science**
- 102  Introduction to Political Science

**Psychology**
- 110  General Psychology
- 117  Honors: General Psychology

**Sociology**
- 110  Social Justice and Social Change
- 117  Honors: Social Justice and Social Change
- 120  General Sociology
- 127  Honors: General Sociology

**University Honors**
- 167  Social Science Honors Seminar
- 267  Special Topics in the Social Sciences

**Women’s Studies**
- 230  Marriage and Family: Roles and Relationships *(same as Child and Family Studies 220)*
IV. Cultures and Civilizations (2 courses). Knowledge of foreign languages and cultures and their histories have long been required of educated people. Today technologies of travel and communication create global communities, and so increase the importance of this knowledge. While it is not possible to become expert in all cultures and civilizations, a perspective on which to build knowledge over a lifetime can be gained by study of foreign languages and the study of the cultures and histories of their speakers. This perspective improves the ability of students to function effectively in the global community of the twenty-first century by developing an appreciation of linguistic, historical, and cultural diversity. This requirement is satisfied by either (1) taking two courses from the following list or (2) taking a two-course sequence in a foreign language at the intermediate level. 

APPROVED CULTURES AND CIVILIZATIONS (CC) COURSES

**African Studies**
- 235–236 Introduction to African Studies

**Anthropology**
- 120 Prehistoric Archeology

**Asian Studies**
- 101–102 Asian Civilization

**Classics**
- 201 Introduction to Classical Civilization

**Environmental and Soil Sciences**
- 120 Soils and Civilizations
- 220 Waters and Civilizations

**Global Studies**
- 250 Introduction to Global Studies *(same as Sociology 250)*

**History**
- 241–242 Development of Western Civilization
- 247–248 Honors: Development of Western Civilization
- 255–256 Introduction to Latin American Studies *(same as Latin American Studies 251–252)*
- 261–262 A History of World Civilization

**Latin American Studies**
- 251–252 Introduction to Latin American Studies *(same as History 255–256)*

**Medieval Studies**
- 201–202 Medieval Civilization

**Religious Studies**
- 101 World Religions in History
- 102 The Comparison of World Religions

**Sociology**
- 250 Introduction to Global Studies *(same as Global Studies 250)*

**University Honors**
- 177 Cultures and Civilizations Honors Seminar
- 277 Special Topics in Cultures and Civilizations

**INTERMEDIATE FOREIGN LANGUAGE SEQUENCES**

**Arabic**
- 221–222 Intermediate Modern Standard Arabic I, II *(same as Asian Studies 221–222)*

**Asian Languages**
- 231–232 Intermediate Chinese I, II *(same as Chinese 231–232)*
- 251–252 Intermediate Japanese I, II *(same as Japanese 251–252)*

**Asian Studies**
- 221–222 Intermediate Modern Standard Arabic I, II *(same as Asian Studies 221–222)*
- 261–262 Intermediate Persian I, II *(same as Persian 261–262)*

**Chinese**
- 231–232 Intermediate Chinese I, II *(same as Asian Languages 231–232)*

**Classics**
- 251 Intermediate Latin: Grammar Review and Readings and 252 Intermediate Latin: Vergil’s Aeneid
- 261 Intermediate Greek: Grammar Review and 264 Readings and Intermediate Readings in Greek

**French**
- 211–212 Intermediate French
- 217–218 Honors: Intermediate French

**German**
- 201–202 Intermediate German

**Hebrew**

**Italian**
- 211–212 Intermediate Italian

**Japanese**
- 251–252 Intermediate Japanese I, II *(same as Asian Languages 251–252)*

**Persian**
- 261–262 Intermediate Persian I, II *(same as Asian Studies 261–262)*

**Portuguese**
- 211–212 Intermediate Portuguese

**Russian**
- 201–202 Intermediate Russian

**Spanish**
- 211–212 Intermediate Spanish
- 217–218 Honors: Intermediate Spanish

NOTES
1. Some courses on the various General Education course lists may have prerequisites. Students are responsible for meeting all course prerequisites.
2. A student’s college/program may require specific General Education courses.
3. General Education courses must be taken for a letter grade (i.e., A-F) rather than Satisfactory/No Credit (unless this is the only way the course is offered).
4. See College of Arts and Sciences Basic Skills Requirement: Communicating through Writing in the Undergraduate Catalog for information on course equivalencies for English 101 and 102.
5. The Office of Disability Services (ODS) is committed to providing equal opportunities for students with disabilities at the University of Tennessee. Appropriate accommodations will be made to enable persons with disabilities to satisfy the General Education requirements. Students with documented disabilities should contact the Office of Disability Services for assistance with appropriate accommodations at (865) 974-6087 or ods@tennessee.edu.
6. Subcommittees of the Undergraduate Council General Education Committee are charged with management of the courses to be included on the General Education course lists for the Basic Skills and Broadened Perspectives areas. The most current list of General Education courses is posted at http://web.utk.edu/~ugcouncl.