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 data bases 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

1. **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

Architecture
   213 History and Theory of Contemporary Architecture

Civil Engineering
   205 Professional Development I

Electrical and Computer Engineering
   400 Senior Design

English
   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)

Journalism and Electronic Media
   200 Introduction to News Writing
   201 Writing for Mass Media
   414 Magazine and Feature Writing
   444 Journalism as Literature
   450 Writing About Science and Medicine (same as Information Sciences 450)
   451 Environmental Writing
   456 Science Writing as Literature

Judaic Studies
   322 Medieval Philosophy (same as Medieval Studies 322 and Philosophy 322)

Materials Science and Engineering
   405 Structural Characterization of Materials

Medieval Studies
   322 Medieval Philosophy (same as Judaic Studies 322 and Philosophy 322)
Music Education
430 Music Methods for High School

Musicology
220 History of Music II
330 Women in Music (same as Women’s Studies 330)
380 Music in World Cultures
430 Symphonic Literature

Nuclear Engineering
304 Nuclear and Radiological Engineering Laboratory I
403 Nuclear and Radiological Engineering Laboratory II

Nursing
403 Health Promotion and Maintenance in Childbearing Families

Nutrition
412 Food and Nutrition in the Community

Philosophy
241 Engineering Ethics
243 Business Ethics
246 Bioethics (same as Religious Studies 246)
290 Social and Political Philosophy
320 Ancient Western Philosophy
322 Medieval Philosophy (same as Medieval Studies 322 and Judaic Studies 322)
324 17th- and 18th-Century Philosophy
326 19th- and 20th-Century Philosophy
340 Ethics
382 Philosophy of Feminism (same as Women’s Studies 382)
390 Philosophical Foundations of Democracy

Plant Sciences
448 Horticultural Internet Technology

Religious Studies
246 Bioethics (same as Philosophy 246)

Retail and Consumer Sciences
390 Professional Development (same as Hotel, Restaurant, and Tourism 390)

Russian
221 Rebels, Dreamers and Fools The Outcast in 19th-Century Russian Literature

Social Work
314 Human Behavior and the Social Environment

Theatre
300 Play Analysis

University Honors
257 Special Topics in Arts and Humanities
267 Special Topics In Social Sciences
277 Special Topics in Cultures and Civilizations

Women’s Studies
330 Women in Music (same as Musicology 330)
382 Philosophy of Feminism (same as Philosophy 382)
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**
   or
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

- **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; Religious Studies 244)*

- **Mechanical Engineering**
  410 Professional Development

- **Nuclear Engineering**
  400 Senior Seminar

- **Nursing**
  454 Professional Leadership Issues

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

- **Religious Studies**
  244 Professional Responsibility *(same as Legal Studies 244; 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

B. For Developing Broadened Perspectives

Natural Sciences (2 courses): As science and technology come to play an increasingly important role in contemporary life, it is essential for all educated persons to have a fundamental understanding of science and its methods. All students should be familiar with one or more scientific disciplines and the role of science in contemporary society. Such familiarity may be gained through acquisition of knowledge of a discipline’s basic vocabulary, chief discoveries, and fundamental principles; exposure to a discipline’s experimental techniques; and the ability to analyze issues with scientific dimensions.

This requirement is satisfied by taking two courses from the approved list. At least one of the courses must have a laboratory.
APPROVED NATURAL SCIENCES (NS) COURSES: († Non-lab courses)

Anthropology
110 Human Origins†

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
128–138 Honors: General Chemistry

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

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†

Microbiology
210 General Microbiology

Nutrition
100 Introductory Nutrition†

Physics
101–102 How Things Work†
135–136 Introduction to Physics for Physical Science and Mathematics Majors
137–138 Honors: Fundamentals of Physics for Physics Majors
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.

APPROVED ARTS AND HUMANITIES (AH) COURSES:

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

**Architecture**
- 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 African and African-American 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
- 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 African and African-American 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; Religious Studies 244)
Musicology
110 Introduction to Music in Western Culture
115 Music of the United States
120 History of Rock
125 Jazz in American Culture
210 History of Music I
220 History of Music II
290 Introduction to World Musics

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; 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; 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:**

**African and African-American 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 of the following:
(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 and African-American Studies
  235–236 Introduction to African Studies

Anthropology
  120  Prehistoric Archaeology

Asian Studies
  101–102 Asian Civilization

Classics
  201  Introduction to Classical Civilization

Environmental and Soil Sciences
  120 Soils 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  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 Arabic 221–222)
241–242  Intermediate Modern Hebrew I, II (same as Hebrew 241–242)
261–262  Intermediate Persian (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
241–242  Intermediate Modern Hebrew I, II (same as Asian Studies 241–242)

Italian
211–212  Intermediate Italian

Japanese
251–252  Intermediate Japanese I, II (same as Asian Languages 251–252)
**Persian**
261–262  Intermediate Persian *(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.