Academic Minors

To graduate with a minor, a student must have a 2.0 or higher GPA in all courses required for the minor, and should be officially registered for the minor at least one semester prior to graduation. Fifty percent of the hours required for the minor must be completed at Radford University. Courses used to fulfill major or minor requirements cannot be used to fulfill concentrations or option requirements within Interdisciplinary Studies.

Minors are available in the following areas:
- Anthropology (p. 169)
- Appalachian Studies (p. 131)
- Art (p. 211)
- Art History (p. 211)
- Biology (p. 185)
- Business Administration (p. 98)
- Chemistry (p. 189)
- Cinematic Arts Interdisciplinary (p. 231)
- Classical Humanities (p. 144)
- Coaching Education (p. 119)
- Communication (p. 173)
- Computer Science (p. 200)
- Criminal Justice (p. 138)
- Dance (p. 214)
- Design (p. 219)
- Economics (p. 102)
- English (p. 142)
- Entrepreneurship (p. 104)
- Exercise and Sport Science (p. 119)
- Forensic Studies - Interdisciplinary (p. 138)
- Foreign Languages (p. 143)
- French (p. 143)
- Geography (p. 148)
- Geology (p. 194)
- German (p. 143)
- History (p. 150)
- Information Technology (p. 200)
- Intercultural Studies (p. 144)
- International Studies (p. 133)
- Latin (p. 143)
- Management (p. 104)
- Marketing (p. 105)
- Mathematics (p. 203)
- Media Studies (p. 176)
- Music History and Literature (p. 228)
- Music Performance (p. 228)
- Peace Studies (p. 134)
- Philosophy (p. 159)
- Physics (p. 191)
- Political Science (p. 162)
- Preprofessional Social Work (p. 248)
- Psychology (p. 164)
- Religious Studies (p. 160)
- Self-Defense/Martial Arts (p. 119)
- Sport Administration (p. 119)
- Interdisciplinary Minor in Social Gerontology (p. 169)
- Sociology (p. 169)
- Spanish (p. 143)
- Special Education (p. 127)
- Statistics (p. 203)
- Technical and Business Writing (p. 142)
- Theatre and Cinema (p. 231)
- Women’s Studies (p. 135)

REQUIREMENTS FOR ALL DEGREES

To earn an undergraduate degree from Radford University, students must fulfill both general education requirements and the requirements associated with a specific degree and major, as well as sufficient electives to complete the minimum semester hours required for graduation.

General education requirements are detailed below. They are followed by an outline of requirements associated with specific degrees (B.A., B.S., etc.). Details of the requirements for specific degrees and majors can be found in the department sections in this catalog beginning on p. 94.

General Education Program

Radford University is committed to the development of mature, responsible, well-educated citizens. In addition to acquiring a diverse body of knowledge, such persons must possess a love of learning and a range of intellectual skills that enable them to meet the challenges and realize the promises of a complex, multicultural and ever-changing world.
Goals
To fulfill the mission of the General Education Program, the university has designed a curriculum with a number of general and specific goals to be met by all undergraduate students. Upon completion of the General Education Program, students should be able to:

- Think critically and creatively both within and across academic disciplines for the purpose of constructing logical and persuasive arguments
- Employ a variety of research methods, tools, and styles or inquiry to gather and organize information and to solve problems
- Read, write, speak and listen effectively within and across a variety of social and professional contexts
- Develop an awareness of self that provides a foundation for responsible and principled personal behavior
- Identify the diverse values that shape decisions in public, professional, and private life and assess the ethical implications of those decisions
- Work cooperatively with others in a shared process of inquiry and problem-solving

In addition to supporting these six general goals, the curriculum is designed to ensure that students gain knowledge, abilities, and experiences in eight broad areas of study: communication, fine arts, health and wellness, humanities, international and intercultural studies, mathematical sciences, physical and natural sciences, and social and behavioral sciences.

Students must successfully complete 50 hours in General Education.

Area 1: Communication
(6 hours required)
Objective: Radford University students will be able to express themselves effectively and appropriately taking into account a range of audiences, purposes, and contexts. They will be able to acquire, organize, synthesize, and document information.

Radford University students should be able to:
- Use language and content appropriate to the audience and purpose
- Conform to standard English usage and mechanics
- Demonstrate clarity of thesis and effective organization
- Select and integrate material from multiple appropriate sources
- Correctly use a standard reference style for documentation

The following courses have been approved for General Education credit in this area:

**Required (6 hours)**
ENGL 101. Introduction to Expository Writing.
ENGL 102. Reading, Writing, and Research Skills.

Area 2: Fine Arts (3 hours required)
Objective: Radford University students will understand the creative and expressive contribution of the arts to human cultures.

Radford University students should be able to:
- Identify stylistic and formal characteristics of artworks
- Analyze the expressive content of an artwork as intended by the creative artist
- Identify and interpret works of art according to historical and cultural perspectives

The following courses have been approved for General Education credit in this area:

**Required (3 hours)**
ART 111. Art Appreciation.
ART 216. Art History Survey: Renaissance to Contemporary.
ART 366. Art History Travel Study.
ART 427. Special Topics in Art History.
DNCE 111. Dance Appreciation.
DNCE 366. Travel Study.
MUSC 100. Introduction to Music Literature.
MUSC 121. The Art of Music.
MUSC 123. The Art of Jazz.
MUSC 322. History of Music.
MUSC 366. Travel Study.
THEA 100. Theatre Appreciation.
THEA 110. Theater Aesthetics.
THEA 180. Introduction to World Cinema.
THEA 366. Travel Study.
THEA 375. Theatre History I.
THEA 376. Theatre History II.

Area 3: Health and Wellness (3 hours required)
Objective: Radford University students will understand the implications of health and lifestyle choices for themselves and society.

Radford University students will be able to:
• Identify health-related choices that promote personal well being and enhance the overall quality of life
• Analyze the relations among factors such as nutrition, stress, and leisure as they influence personal wellness
• Explain how personal health and lifestyle choices affect society at large
• Explain how social and cultural factors affect personal health and lifestyle choices

The following courses have been approved for General Education credit in this area:

Required (3 hours)
FSDN 214. Introduction to Nutrition.
HLTH 111. Personal Health.
HLTH 200. Wellness Lifestyle.
NURS 111. Personal Health.
RCPT 200. Leisure in Contemporary Society.

Area 4: Humanities (6 hours required)
Objective: Radford University students will understand the importance of the search for answers to humankind’s most fundamental and profound questions and the ways in which these questions have been examined.

Radford University students should be able to:
• Explain the nature and methods of inquiry in the humanities
• Describe and explain differing views of the meaning, value, and purpose of life
• Explain works of literature according to historical and cultural perspectives
• Interpret and critically evaluate works of literature as expressions of the human condition

The following courses have been approved for General Education credit in this area:

Required (6 hours)
Required 3 hours chosen from:
ENGL 201. Readings in World Literature.
ENGL 203. Readings in American Literature.
FORL 204. Masterpieces of German Literature in Translation.

Required 3 hours chosen from:
PHIL 112. Introduction: Ethics and Society.
PHIL 113. Introduction: Reasoning and Argument.
PHIL 114. Introduction: The Origins of Western Philosophy.
RELN 111. Introduction to Religion.
RELN 112. Survey of World Religions.
RELN 205. Religion and Culture.

Area 5: International and Intercultural Studies (3 hours required)
Objective: Radford University students will demonstrate an awareness of different cultures and an understanding of relationships among peoples and nations.
Radford University students should be able to:
• Analyze similarities and differences between their own and other cultures that affect values, beliefs and behaviors
• Identify and discuss contemporary international issues from the perspectives of different cultures
• Explain the role of language in shaping culture

The following courses have been approved for General Education credit in this area:

**Required (3 hours)**

ANTH 121. Cultural Anthropology.
CHNS 101. Elementary Chinese I.
CHNS 102. Elementary Chinese II.
CHNS 201. Intermediate Chinese I.
CHNS 202. Intermediate Chinese II.
ESHE 262. Introduction to Asian Martial Arts.
FORL 100. Elementary Conversation in Critical Languages.
FORL 109. Study Abroad Practicum.
FORL 209. Study Abroad Practicum.
FORL 309. Study Abroad Practicum.
FORL 409. Study Abroad Practicum.
FREN 100. Elementary French.
FREN 200. Intermediate French I.
FREN 210. Intermediate French II.
FREN 300. Readings in French.
FREN 320. Topics in French Cinema.
GEOG 101. Europe and the Americas.
GEOG 102. Africa and Asia.
GEOG 280. Regional Geography.
GRMN 100. Elementary German.
GRMN 200. Intermediate German I.
GRMN 210. Intermediate German II.
GRMN 300. Readings in German.
GRMN 304. German Culture.
HEBR 101. Elementary Hebrew I.
HEBR 102. Elementary Hebrew II.
HEBR 201. Advanced Biblical Hebrew.
HIST 101. World History to 1650.
HIST 102. World History after 1650.
INST 101. Introduction to International Studies.
LATN 101. Elementary Latin I.
LATN 102. Elementary Latin II.
LATN 201. Intermediate Latin.
LATN 350. Latin Literature.
RELN 112. Survey of World Religions.
SPAN 101. Spanish I Beginning Spanish.
SPAN 102. Spanish II Beginning Spanish.
SPAN 201. Spanish III Intermediate Spanish.
SPAN 325. Spanish Culture.
SPAN 326. Contemporary Spanish Culture.
SPAN 335. Spanish American Culture.
SPAN 336. Contemporary Spanish America Culture.
THEA 180. Introduction to World Cinema.

**Area 6: Mathematical Sciences (6 hours required)**

Objective: Radford University students will be able to use the tools of mathematics to conceptualize and solve problems.

Radford University students will be able to:
• Identify relationships among numeric, symbolic, and graphical information
• Interpret numeric, symbolic, and graphical information
• Generate meaningful representations using numeric, symbolic, and graphical information
• Solve problems using numeric, symbolic, and graphical information

The following courses have been approved for General Education credit in this area:
Required (6 hours)
Three of the six hours must be in a course with a MATH or STAT prefix.
MATH 111. Math and Human Development I.
MATH 112. Math and Human Development II.
MATH 114. Math and Human Society.
MATH 116. Math and Humanity.
MATH 125. Finite Mathematics for Business and Economics.
MATH 126. Business Calculus.
MATH 132. Honors Applications of Mathematics.
MATH 137. College Algebra.
MATH 138. Precalculus Function Analysis.
MATH 140. Trigonometry and Analytic Geometry.
MATH 151. Calculus and Analytic Geometry.
MATH 152. Calculus and Analytic Geometry.
MATH 260. Applied Linear Algebra and Matrices
STAT 200. Introduction to Statistics.
ITEC 100. Introduction to Information Technology.
ITEC 109 Problem Solving and Programming.
ITEC 120. Principles of Computer Science I.

Area 7: Physical and Natural Sciences (8 hours required)
Objective: Radford University students will understand the methodology of scientific inquiry and be able to critically interpret results of scientific research in order to participate in informed discussions of scientific issues.

Radford University students will be able to:
• Explain the methods scientists use to gather data and test hypotheses
• Identify the advantages of controlled experiments
• Design and carry out a simple experiment and analyze findings
• Distinguish between findings based upon empirical data and those that are not
• Explain the relationships between science, technology and society

The following courses have been approved for General Education credit in this area:

Required (8 hours)
ASTR 111. General Astronomy I.
ASTR 112. General Astronomy II.
BIOL 103. Environmental Biology.
BIOL 104. Human Biology.
BIOL 105. Concepts of Biology.
CHEM 101. General Chemistry.
CHEM 102. General Chemistry.
CHEM 103. General Chemistry.
CHEM 120. Chemistry of Life.
GEOL 100. Earth Resources and Natural Hazards.
GEOL 105. Exploring Earth.
GEOL 106. The Earth Through Time.
PHSC 121. Physical Science Processes.
PHSC 122. Physical Science Processes.
PHYS 111. General Physics.
PHYS 112. General Physics.
PHYS 221. Physics.
PHYS 222. Physics.

Area 8: Social and Behavioral Sciences (12 hours required)
Objective: Radford University students will understand how individual, social, and cultural factors influence human behavior and shape the reciprocal relationships between people and society.

Radford University students will be able to:
• Identify and explain the social and cultural factors that shape ideas and behavior
• Identify and explain how individual and collective behaviors shape societies and cultures
• Analyze and assess social and cultural issues from the perspectives of different disciplines
• Evaluate and interpret individual and collective behavior
The following courses have been approved for General Education credit in this area:

**Required (12 hours)**

**Required 3 hours chosen from:**
- HIST 101. World History to 1650.
- HIST 102. World History after 1650.
- HIST 111. U.S. History to 1877.
- HIST 112. U.S. History since 1877.

**Required 9 hours selected from at least three different disciplines listed below:**
- ANTH 121. Cultural Anthropology.
- ANTH 301. Culture Change and Globalization.
- ANTH 332. World Prehistory.
- ANTH 411. Appalachian Cultures.
- ANTH 430. Native American Cultures.
- ANTH 451. Latin American Cultures.
- ANTH 471. Economic and Environmental Anthropology.
- ANTH 481. Political Anthropology.
- APST 200. Introducing Appalachia.
- ECON 101. Survey of Economics.
- ECON 105. Principles of Economics.
- ECON 295. Topics in Economics.
- ECON. 311. Economic Development.
- GEOG 101. Europe and the Americas.
- GEOG 102. Africa and Asia.
- GEOG 103. Introduction to Human Geography.
- GEOG 140. Introduction to Environmental Studies.
- GEOG 203. Appalachian Geography.
- GEOG 280. Regional Geography.
- POSC 110. Introduction to Politics.
- POSC 120. Introduction to American Government.
- POSC 130. Introduction to Comparative Government.
- POSC 140. Introduction to International Relations.
- PSYC 121. Introductory Psychology.
- PSYC 218. Adolescent Psychology.
- PSYC 230. Lifespan Development Psychology.
- PSYC 343. Social Psychology.
- PSYC 361. Psychology of Personality.
- PSYC 381. Psychology of Work Behavior.
- PSYC 391. Psychology of Women.
- SOCY 110. Introduction to Sociology.
- SOCY 250. Social Inequality.
- SOCY 331. Race and Ethnic Relations.

**General Education Elective (3 hours required)**

In addition to the requirements listed above, all students must select one General Education Elective course (3 hours). Students must select this ADDITIONAL course EITHER from the list below OR from those listed above in Areas 2, 4, 5, or 8:

- COMM 114. Public Speaking.
- COMM 240. Teamwork and Communication.
- COMM 250. Interpersonal Communication.
- CLSS 110. Classical Mythology.

Note: Elective courses may NOT be chosen from Areas 3, 6, or 7.

**TOTAL: 50 Required Hours of General Education**

**Requirements for Degrees**

Note: Specific requirements for majors are found within individual college/department sections of this catalog.

**BACHELOR OF ARTS DEGREE**

<table>
<thead>
<tr>
<th>Semester Hours</th>
<th>Courses for General Education</th>
<th>Courses for Major (minimum) 30</th>
<th>Concentration in one Foreign Language</th>
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<tr>
<td>50</td>
<td></td>
<td></td>
<td>6-12</td>
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