

# **GENERAL EDUCATION SECTION OVERVIEW**

2019-2020 General Education Requirements

General Education Course List

General Education Course Table AAH/SS/CCA/STS

Policy for Satisfying CCA Requirement Through an International Experience

# 2019 – 2020 GENERAL EDUCATION CURRICULUM

(Note: This printed version is provided for your convenience. The Clemson catalog – [catalog.clemson.edu](http://catalog.clemson.edu) – maintained with our Acalog system is the official copy of the 2019-2020 curriculum.)

## MISSION STATEMENT

In order to become informed and productive citizens, undergraduate students need to think critically and synthetically about substantive and often interlinked aesthetic, ethical, historical, linguistic, philosophical, societal, scientific, and quantitative global challenges and issues.

Therefore, in addition to being prepared to complete a major course of study, Clemson University undergraduate students are required to undertake a general education core course of study to develop and to demonstrate the ability to synthesize information relevant to complex issues, to evaluate the quality and utility of the information, and to use the outcomes of their analysis to reach persuasive logical conclusions.

The Clemson University undergraduate curriculum is designed such that arts and humanities, mathematics, natural sciences, social sciences, and written and oral communication contribute to the holistic development of its students.

## GENERAL EDUCATION STUDENT LEARNING OUTCOMES

- **Arts and Humanities:** Students will analyze, interpret, and employ aesthetic, ethical, linguistic, and/or philosophical discourse in relevant contexts. OR Students will create, perform, interpret, reinterpret, and/or criticize artistic works.
- **Mathematics:** Students will demonstrate mathematical literacy through interpretation of mathematical forms and performing calculations.
- **Natural Sciences:** Students will demonstrate the process of scientific reasoning through experimental activity and critical comparison of their results to those predicted by accepted natural science principles.
- **Social Sciences:** Students will use social science concepts and evidence to explain human actions or behaviors in the past, the present, and/or the future.
- **Communication:** Students will demonstrate competence in communication through organization of a central message with supporting materials in the chosen medium.
- **Cross-Cultural Awareness:** Explain how aspects of culture are integrated into a comprehensive worldview; and then demonstrate how culture influences human behavior.
- **Science and Technology in Society:** Demonstrate an understanding of issues created by the complex interactions among science, technology, and society.
- **Critical Thinking:** Demonstrate the ability to assemble information relevant to a significant, complex issue, evaluate the quality and utility of the information, and use the outcome of the analysis to reach a logical conclusion about the issue.
- **Ethical Judgment:** Demonstrate an ability to identify, comprehend, and deal with ethical problems and their ramifications in a systematic, thorough, and responsible way.

An undergraduate student whose enrollment in a curriculum occurs after May 15, 2005 must fulfill the general education requirements in effect at that time. If a student withdraws from the University and subsequently returns or does not remain continuously enrolled (summers excluded), the requirements in effect at the time of return will normally prevail. Any variation in curricular or general education requirements shall be considered under the curriculum year change or the substitution procedure.

**REQUIREMENTS** (31 credit hours)

To meet general education student learning outcomes, 31 total credit hours are required, distributed as follows: I. General Education Coursework-31 credit hours; II. Distributed Coursework-included in majors.

**GENERAL EDUCATION COURSEWORK** (31 credit hours required)

General education requirements in some curricula are more restrictive than those shown below. Science and Technology in Society and Cross-Cultural Awareness requirements may be satisfied by other general education courses, as indicated in the footnotes below, as long as the student completes a total of 31 hours in area I and satisfies requirements A-F below.

**A. COMMUNICATION**

(minimum of 6 credit hours)

English Composition (3 credit hours)

ENGL 1030 - Composition and Rhetoric 3 Credits (ENGL 1020 for transfer students)

Oral Communication (3 credit hours)

COMM 1500 - Introduction to Human Communication 3 Credits

COMM 2500 - Public Speaking 3 Credits

HON 2230 - Studies in Communications 3 Credits

Or an approved cluster of courses such as:

AS 3090 - Air Force Leadership and Management I 4 Credits

AS 3100 - Air Force Leadership and Management II 4 Credits

AS 4090 - National Security Policy I 4 Credits

AS 4100 - National Security Policy II 4 Credits

*or*

ML 1010 - Leadership Fundamentals I 2 Credits

ML 1020 - Leadership Fundamentals II 2 Credits

\*Note: May be satisfied either by the courses above or by an approved departmental cluster of courses. Students taking clusters must still earn at least 31 hours from the General Education Coursework list.

**B. MATHEMATICAL, SCIENTIFIC, AND TECHNOLOGICAL LITERACY**

(minimum of 10 credits)

Mathematics (3 credit hours)

MATH 1010 - Essential Mathematics for the Informed Society 3 Credits

MATH 1020 - Business Calculus I 3 Credits

MATH 1060 - Calculus of One Variable I 4 Credits

MATH 1070 - Differential and Integral Calculus 4 Credits

MATH 1080 - Calculus of One Variable II 4 Credits

MATH 2070 - Business Calculus II 3 Credits

STAT 2220 - Statistics in Everyday Life 3 Credits <sup>1</sup>

STAT 2300 - Statistical Methods I 3 Credits

STAT 3090 - Introductory Business Statistics 3 Credits

STAT 3300 - Statistical Methods II 3 Credits

\*Note: For Early Childhood Education, Elementary Education, and Special Education majors only, the approved cluster of MATH 1150, MATH 1160 and MATH 2160 satisfies the requirement.

Natural Science with Lab (4 credit hours)

- ASTR 1010 - Solar System Astronomy 3 Credits **and**
- ASTR 1030 - Solar System Astronomy Laboratory 1 Credit
- ASTR 1020 - Stellar Astronomy 3 Credits **and**
- ASTR 1040 - Stellar Astronomy Laboratory 1 Credit
- BIOL 1030 - General Biology I 3 Credits **and**
- BIOL 1050 - General Biology Laboratory I 1 Credit
- BIOL 1040 - General Biology II 3 Credits **and**
- BIOL 1060 - General Biology Laboratory II 1 Credit
- BIOL 1090 - Introduction to Life Science 4 Credits
- BIOL 1100 - Principles of Biology I 5 Credits
- BIOL 1110 - Principles of Biology II 5 Credits
- BIOL 1200 - Biological Inquiry Laboratory 1 Credit **and**
- BIOL 1220 - Keys to Biodiversity 3 Credits
- BIOL 1200 - Biological Inquiry Laboratory 1 Credit **and**
- BIOL 1230 - Keys to Human Biology 3 Credits
- CH 1010 - General Chemistry 4 Credits
- CH 1020 - General Chemistry 4 Credits
- CH 1050 - Chemistry in Context I 4 Credits <sup>1</sup>
- CH 1060 - Chemistry in Context II 4 Credits <sup>1</sup>
- GEOL 1010 - Physical Geology 3 Credits **and**
- GEOL 1030 - Physical Geology Laboratory 1 Credit
- GEOL 1120 - Earth Resources 3 Credits <sup>1</sup> **and**
- GEOL 1140 - Earth Resources Laboratory 1 Credit
- GEOL 2020 - Earth History 4 Credits
- PHSC 1070 - Introduction to Earth Science 4 Credits
- PHSC 1080 - Introduction to Physical Science 4 Credits
- PHSC 1170 - Introduction to Chemistry and Earth Science for Elementary Education Majors, 4 Credits
- PHSC 1180 - Introduction to Physics, Astronomy, and Earth Science for Elementary Education Majors, 4 Credits
- PHYS 1220 - Physics with Calculus I 3 Credits **and**
- PHYS 1240 - Physics Laboratory I 1 Credit
- PHYS 2000 - Introductory Physics 4 Credits
- PHYS 2070 - General Physics I 3 Credits **and**
- PHYS 2090 - General Physics I Laboratory 1 Credit
- PHYS 2080 - General Physics II 3 Credits **and**
- PHYS 2100 - General Physics II Laboratory 1 Credit
- PHYS 2210 - Physics with Calculus II 3 Credits **and**
- PHYS 2230 - Physics Laboratory II 1 Credit
- PHYS 2220 - Physics with Calculus III 3 Credits **and**
- PHYS 2240 - Physics Laboratory III 1 Credit

Mathematics or Natural Science (3 credit hours)

Any general education Mathematics or Natural Science course or:

- BIOL 2000 - Biology in the News 3 Credits <sup>1</sup>
- BIOL 2010 - Biotechnology and Society 3 Credits <sup>1</sup>
- BIOL 2030 - Human Disease and Society 3 Credits <sup>1</sup>
- BIOL 2040 - Environment, Energy and Society 3 Credits <sup>1</sup>

BIOL 2100 - Evolution and Creationism 3 Credits <sup>1</sup>  
 BIOL 2200 - Biology: Concepts, Issues, and Values 3 Credits <sup>1</sup>  
 ENSP 2000 - Introduction to Environmental Science 3 Credits <sup>1</sup>  
 ENSP (PES) 3150 - Environment and Agriculture 3 Credits <sup>1</sup>  
 ENT 2000 - Six-Legged Science 3 Credits <sup>1</sup>  
 GEOL 1200 - Natural Hazards 3 Credits  
 GEOL 3000 - Environmental Geology 3 Credits <sup>1</sup>  
 PES (ENSP) 3150 - Environment and Agriculture 3 Credits <sup>1</sup>  
 PHYS 2400 - Physics of the Weather 3 Credits  
 PHYS 2450 - Physics of Global Climate Change 3 Credits <sup>1</sup>  
 PHYS 2800 - Physics and Reality 3 Credits  
 PLPA 2130 - Fungi and Civilization 3 Credits <sup>1</sup>  
 STS 2160 - Critical Analysis of a Current STS Issue 3 Credits <sup>1</sup>

\*Note: <sup>1</sup>This course also satisfies the Science and Technology in Society Requirement. <sup>2</sup>This course also satisfies the Cross-Cultural Awareness Requirement.

### **C. ARTS AND HUMANITIES**

(minimum of 6 credit hours)

#### Literature

(3 credit hours)

Any 2000-level ENGL literature course or any of the other courses listed

ENGL 2020 - The Major Forms of Literature 3 Credits  
 ENGL 2120 - World Literature 3 Credits  
 ENGL 2130 - British Literature 3 Credits  
 ENGL 2140 - American Literature 3 Credits  
 ENGL 2150 - Literature in 20th- and 21st-Century Contexts 3 Credits  
 ENGL 2160 - African American Literature 3 Credits <sup>2</sup>  
 CHIN 4010 - Pre-Modern Chinese Literature in Translation 3 Credits  
 FR 3000 - Survey of French Literature 3 Credits  
 FR 3040 - French Short Story 3 Credits  
 GER 2600 - Selected Topics in German Literature 3 Credits  
 GER 3060 - The German Short Story 3 Credits  
 GER 3600 - German Literature to 1832 3 Credits  
 GER 3610 - German Literature from 1832 to Modernism 3 Credits  
 HON 1900 - Freshman Colloquium: Arts and Humanities (Literature) 3 Credits  
 HON 2210 - Studies in Literature 3 Credits  
 ITAL 3010 - Introduction to Italian Literature 3 Credits  
 ITAL 3020 - Modern Italian Literature 3 Credits  
 JAPN 4010 - Japanese Literature in Translation 3 Credits  
 JAPN 4060 - Introduction to Japanese Literature 3 Credits  
 RUSS 3600 - Russian Literature to 1910 3 Credits  
 RUSS 3610 - Russian Literature Since 1910 3 Credits  
 SPAN 3040 - Introduction to Hispanic Literary Forms 3 Credits  
 SPAN 3110 - Survey of Spanish-American Literature 3 Credits  
 SPAN 3130 - Survey of Spanish Literature I 3 Credits

Non-Literature  
(3 credit hours)

AAH 1010 - Survey of Art and Architectural History I 3 Credits  
ART 2100 - Art Appreciation 3 Credits<sup>2</sup>  
ART 3750 - Writing for the Arts in Charleston 3-6 Credits  
ASL 3050 - Deaf Studies in the United States 3 Credits<sup>2</sup>  
CAAH 2010 - Cultural Literacies Across Media 3 Credits<sup>2</sup>  
CHIN (PHIL) 3120 - Philosophy in Ancient China 3 Credits  
CHIN (PHIL) 3130 - Philosophy in Modern China 3 Credits  
CHIN (PHIL) 4140 - Philosophy in Medieval China 3 Credits  
CHIN 4990 - Selected Topics in Chinese Culture 3 Credits  
COMM 1800 - Introduction to Cross-Cultural Communication 3 Credits<sup>2</sup>  
COMM 3030 - Communication Law and Ethics 3 Credits  
COMM 3080 - Public Communication and Popular Culture 3 Credits  
COMM 3090 - Visual Discourse and the Public 3 Credits  
COMM 4020 - Mass Communication: History and Criticism 3 Credits  
ENGL (GW) 3010 - Great Books of the Western World 3 Credits  
ENGL 3550 - Global Studies in Popular Culture 3 Credits  
ENGL (WCIN) 3570 - Film 3 Credits  
ENGL (LANG, WCIN) 4540 - Selected Topics in International Film 3 Credits  
FR 3070 - French Civilization 3 Credits  
GER 3400 - German Culture 3 Credits  
GW (ENGL) 3010 - Great Books of the Western World 3 Credits  
GW 4050 - The Darwinian Revolution 3 Credits  
HON 1910 - Freshman Colloquium: Arts and Humanities (Non-Literature) 3 Credits  
HON 2010 - Structures and Society 3 Credits<sup>1</sup>  
HON 2030 - Society, Art, and Humanities 3 Credits  
HON 2100 - Experiencing the Arts 3 Credits  
HON 2220 - Studies in Arts and Humanities 3 Credits  
HUM 3010 - Humanities 3 Credits  
HUM 3020 - Humanities 3 Credits  
HUM 3060 - Creative Genius in Western Culture 3 Credits  
HUM 3090 - Studies in Humanities 3 Credits<sup>2</sup>  
JAPN 3070 - Japanese Civilization I 3 Credits  
JAPN 3080 - Japanese Civilization II 3 Credits  
LANG 3400 - Cosmopolis: The Myth of the City 3 Credits  
LANG 3420 - Sacred and Profane Bodies 3 Credits  
LANG 3560 - Faces of Evil 3 Credits  
LANG (ENGL, WCIN) 4540 - Selected Topics in International Film 3 Credits  
LARC 1160 - History of Landscape Architecture 3 Credits<sup>1</sup>  
MUSC 2100 - Music Appreciation: Music in the Western World 3 Credits<sup>2</sup>  
MUSC (THEA) 3080 - Survey of Broadway Musicals I 3 Credits  
MUSC (THEA) 3090 - Survey of Broadway Musicals II 3 Credits  
MUSC 3110 - History of American Music 3 Credits  
MUSC 3120 - History of Jazz 3 Credits  
MUSC 3130 - History of Rock and Roll 3 Credits  
MUSC 3140 - World Music 3 Credits<sup>2</sup>  
MUSC 3170 - History of Country Music 3 Credits  
MUSC 3610 - Marching Band 1 Credit

MUSC 3620 - Symphonic Band 1 Credit  
 MUSC 3630 - Jazz Ensemble 1 Credit  
 MUSC 3640 - Concert Band 1 Credit  
 MUSC 3690 - Symphony Orchestra 1 Credit  
 MUSC 3700 - Clemson University Singers 1 Credit  
 MUSC 3710 - Women's Chorus 1 Credit  
 MUSC 3720 - Men's Chorus 1 Credit  
 PHIL 1010 - Introduction to Philosophic Problems 3 Credits  
 PHIL 1020 - Introduction to Logic 3 Credits  
 PHIL 1030 - Introduction to Ethics 3 Credits  
 PHIL 1240 - Technology and Its Discontents 3 Credits <sup>1</sup>  
 PHIL 2100 - Evolution and Creation 3 Credits <sup>1</sup>  
 PHIL (CHIN) 3120 - Philosophy in Ancient China 3 Credits  
 PHIL (CHIN) 3130 - Philosophy in Modern China 3 Credits  
 PHIL 3160 - Modern Philosophy 3 Credits  
 PHIL 3170 - Nineteenth-Century Philosophy 3 Credits  
 PHIL 3180 - Twentieth-Century Philosophy 3 Credits  
 PHIL 3230 - Theory of Knowledge 3 Credits  
 PHIL 3240 - Philosophy of Technology 3 Credits <sup>1</sup>  
 PHIL 3250 - Philosophy of Science 3 Credits  
 PHIL 3260 - Science and Values 3 Credits <sup>1</sup>  
 PHIL 3270 - Philosophy of Social Science 3 Credits  
 PHIL 3440 - Business Ethics 3 Credits  
 PHIL 3450 - Environmental Ethics 3 Credits <sup>1</sup>  
 PHIL (WS) 3490 - Theories of Gender and Sexuality 3 Credits  
 PHIL (CHIN) 4140 - Philosophy in Medieval China 3 Credits  
 REL 1010 - Introduction to Religion 3 Credits <sup>2</sup>  
 REL 1020 - World Religions 3 Credits <sup>2</sup>  
 REL 3010 - The Old Testament 3 Credits  
 REL 3020 - Survey of New Testament Literature 3 Credits  
 REL 3030 - The Quran 3 Credits  
 REL 3060 - Judaism 3 Credits  
 REL 3070 - The Christian Tradition 3 Credits  
 REL 3090 - The Religious History of the American South 3 Credits  
 REL 3120 - Hinduism 3 Credits  
 REL 3130 - Buddhism 3 Credits  
 REL 3150 - Islam 3 Credits  
 REL 3350 - Islam and the West 3 Credits  
 RUSS 3400 - Russian Culture of the Nineteenth Century 3 Credits  
 SPAN 3070 - The Hispanic World: Spain 3 Credits  
 SPAN 3080 - The Hispanic World: Latin America 3 Credits  
 STS 1010 - Survey of Science and Technology in Society 3 Credits <sup>1</sup>  
 STS 1020 - Ideas, Machinery, and Society 3 Credits <sup>1</sup>  
 STS 2150 - A Critical Approach to the Global Challenge of Technological Revolutions 3 Credits <sup>1</sup>  
 STS 3010 - Science in Context 3 Credits <sup>1</sup>  
 STS 3030 - Technology, Culture and Society 3 Credits <sup>1</sup>  
 THEA 2100 - Theatre Appreciation 3 Credits  
 THEA 2790 - Theatre Practicum 1 Credits

THEA (MUSC) 3080 - Survey of Broadway Musicals I 3 Credits  
THEA (MUSC) 3090 - Survey of Broadway Musicals II 3 Credits  
THEA 3150 - Theatre History I 3 Credits  
THEA 3160 - Theatre History II 3 Credits  
THEA 3170 - African-American Theatre I 3 Credits  
WS 3010 - Introduction to Women's Studies: Women's Lives 3 Credits  
WS (PHIL) 3490 - Theories of Gender and Sexuality 3 Credits  
WCIN (ENGL) 3570 - Film 3 Credits  
WCIN (ENGL, LANG) 4540 - Selected Topics in International Film 3 Credits

\*Note: <sup>1</sup>This course also satisfies the Science and Technology in Society Requirement. <sup>2</sup>This course also satisfies the Cross-Cultural Awareness Requirement.

#### **D. SOCIAL SCIENCES**

(minimum of 6 credit hours Selected from two different fields)

AGRB 2020 - Agricultural Economics 3 Credits  
ANTH 2010 - Introduction to Anthropology 3 Credits <sup>2</sup>  
ECON 2000 - Economic Concepts 3 Credits  
ECON 2110 - Principles of Microeconomics 3 Credits  
ECON 2120 - Principles of Macroeconomics 3 Credits  
GEOG 1010 - Introduction to Geography 3 Credits  
GEOG 1030 - World Regional Geography 3 Credits<sup>2</sup>  
GEOG 1060 - Geography of the Physical Environment 4 Credits  
HIST 1010 - History of the United States 3 Credits  
HIST 1020 - History of the United States 3 Credits  
HIST 1220 - History, Technology, and Society 3 Credits <sup>1</sup>  
HIST 1240 - Environmental History Survey 3 Credits <sup>1</sup>  
HIST 1720 - The West and the World I 3 Credits <sup>2</sup>  
HIST 1730 - The West and the World II 3 Credits <sup>2</sup>  
HIST 1930 - Modern World History 3 Credits <sup>2</sup>  
HON 1920 - Freshman Colloquium: Social Science 3 Credits  
HON 2020 - Science, Culture, and Human Values 3 Credits  
HON 2200 - Studies in Social Science 3 Credits  
PAS 3010 - Introduction to Pan African Studies 3 Credits <sup>2</sup>  
POSC 1010 - American National Government 3 Credits  
POSC 1020 - Introduction to International Relations 3 Credits <sup>2</sup>  
POSC 1030 - Introduction to Political Theory 3 Credits  
POSC 1040 - Introduction to Comparative Politics 3 Credits <sup>2</sup>  
PSYC 2010 - Introduction to Psychology 3 Credits  
PSYC 2500 - Pursuing Happiness 3 Credits <sup>2</sup>  
PSYC 2750 - Applied Psychology and Transportation 3 Credits <sup>1</sup>  
RS 3010 - Rural Sociology 3 Credits  
SOC 2010 - Introduction to Sociology 3 Credits  
SOC 2020 - Social Problems 3 Credits

\*Note: AGRB and ECON are considered the same field.

\*Note: <sup>1</sup>This course also satisfies the Science and Technology in Society Requirement. <sup>2</sup>This course also satisfies the Cross-Cultural Awareness Requirement.



## **E. CROSS CULTURAL AWARENESS**

(minimum of 3 credits, if not satisfied by a course in groups A-D)

AAH 1020 - Survey of Art and Architectural History II 3 Credits  
AGRB 2050 - Agriculture and Society 3 Credits <sup>1</sup>  
ANTH 2010 - Introduction to Anthropology 3 Credits  
ART 2100 - Art Appreciation 3 Credits  
ASL 3050 - Deaf Studies in the United States 3 Credits  
CAAH 2010 - Cultural Literacies Across Media 3 Credits  
COMM 1800 - Introduction to Cross-Cultural Communication 3 Credits  
ENGL 2160 - African American Literature 3 Credits  
GEOG 1030 - World Regional Geography 3 Credits  
HIST 1720 - The West and the World I 3 Credits  
HIST 1730 - The West and the World II 3 Credits  
HIST 1930 - Modern World History 3 Credits  
HON 1930 - Freshman Colloquium: Cross-Cultural Awareness 3 Credits  
HON 2090 - Border Crossings: Experiences in World Cultures 1-3 Credits  
HUM 3090 - Studies in Humanities 3 Credits  
IS 1010 - Cross-Cultural Awareness International Experience 1 Credit  
IS 2100 - Selected Topics in International Studies 3 Credits  
LANG 2500 - Introduction to World Languages 3 Credits  
LANG 2540 - Introduction to World Cinemas 3 Credits  
MUSC 2100 - Music Appreciation: Music in the Western World 3 Credits  
MUSC 3140 - World Music 3 Credits  
PAS 3010 - Introduction to Pan African Studies 3 Credits  
POSC 1020 - Introduction to International Relations 3 Credits  
POSC 1040 - Introduction to Comparative Politics 3 Credits  
PSYC 2500 - Pursuing Happiness 3 Credits  
REL 1010 - Introduction to Religion 3 Credits  
REL 1020 - World Religions 3 Credits  
WS 1030 - Women in Global Perspective 3 Credits

*or* Through a University-approved cross-cultural experience (See page III-17)

\*Note: <sup>1</sup>This course also satisfies the Science and Technology in Society Requirement.

## **F. SCIENCE AND TECHNOLOGY IN SOCIETY**

(minimum of 3 credit hours, if not satisfied by a course in groups A-E)

AGED (EDF) 4800 - Foundations of Digital Media and Learning 3 Credits  
AGRB 2050 - Agriculture and Society 3 Credits <sup>2</sup>  
AGRB (ECON) 4570 - Natural Resource Use, Technology and Policy 3 Credits  
AVS 3150 - Animal Welfare 3 Credits  
AVS 4150 - Contemporary Issues in Animal Science 3 Credits  
BIOL 2000 - Biology in the News 3 Credits  
BIOL 2010 - Biotechnology and Society 3 Credits  
BIOL 2030 - Human Disease and Society 3 Credits  
BIOL 2040 - Environment, Energy and Society 3 Credits  
BIOL 2100 - Evolution and Creationism 3 Credits  
BIOL 2110 - Introduction to Toxicology 3 Credits  
BIOL 2200 - Biology: Concepts, Issues, and Values 3 Credits  
BIOL 4730 - History of Modern Biology 3 Credits  
CH 1050 - Chemistry in Context I 4 Credits

CH 1060 - Chemistry in Context II 4 Credits  
 COMM 1070 - Media Representations of Science and Technology 3 Credits  
 COMM 3070 - Public Communication of Science and Technology 3 Credits  
 CPSC 2920 - Computing, Ethics and Global Society 3 Credits  
 CTE 1150 - Contemporary Technological Problems 3 Credits  
 CTE 2210 - Exploring Technology 3 Credits  
 ECE 1010 - Robots in Business and Society 3 Credits  
 ECON 3190 - Environmental Economics 3 Credits  
 ECON (AGRB) 4570 - Natural Resource Use, Technology, and Policy 3 Credits  
 EDF (AGED) 4800 - Foundations of Digital Media and Learning 3 Credits  
 EES 4860 - Environmental Sustainability 3 Credits  
 ENGL 3490 - Technology and the Popular Imagination 3 Credits  
 ENGR 2200 - Evaluating Innovations: Fixtures, Fads and Flops 3 Credits  
 ENGR 2210 - Technology, Culture and Design 3 Credits  
 ENR 3120 - Environmental Risks and Society 3 Credits  
 ENR (FOR) 4160 - Forest Policy and Administration 3 Credits  
 ENSP 1250 - Sustainable Resource Use 3 Credits  
 ENSP 2000 - Introduction to Environmental Science 3 Credits  
 ENSP (PES) 3150 - Environment and Agriculture 3 Credits  
 ENSP 4000 - Studies in Environmental Science 3 Credits  
 ENT 2000 - Six-Legged Science 3 Credits  
 FDSC 2140 - Food Resources and Society 3 Credits  
 FOR (ENR) 4160 - Forest Policy and Administration 3 Credits  
 GEOL 1120 - Earth Resources 3 Credits  
 GEOL 1200 - Natural Hazards 3 Credits  
 GEOL (ENSP) 1250 - Sustainable Resource Use 3 Credits  
 GEOL 2700 - Experiences in Sustainable Development: Water 3 Credits  
 GEOL 3000 - Environmental Geology 3 Credits  
 HCG (NURS) 3330 - Health Care Genetics 3 Credits  
 HIST 1220 - History, Technology, and Society 3 Credits  
 HIST 1240 - Environmental History Survey 3 Credits  
 HIST 3210 - History of Science 3 Credits  
 HIST 3220 - History of Technology 3 Credits  
 HIST 3230 - History of American Technology 3 Credits  
 HIST 3920 - History of the Environment of the United States 3 Credits  
 HIST 4240 - Topics in History of Medicine and Health 3 Credits  
 HIST 4910 - Studies in the History of Science and Technology 3 Credits  
 HLTH 4310 - Public and Environmental Health 3 Credits  
 HON 1940 - Freshman Colloquium: Science and Technology in Society 3 Credits  
 HON 2010 - Structures and Society 3 Credits  
 HON 2060 - Controversies in Science and Technology 3 Credits  
 IE 4880 - Human Factors Engineering 3 Credits  
 LARC 1160 - History of Landscape Architecture 3 Credits  
 MATH 2190 - Introduction to Cryptography 3 Credits  
 MKT 4450 - Macromarketing 3 Credits  
 MUSC 3180 - History of Audio Technology 3 Credits  
 NURS 1400 - Computer Applications in Nursing 3 Credits  
 NURS (HCG) 3330 - Health Care Genetics 3 Credits  
 NUTR 2030 - Introduction to Principles of Human Nutrition 3 Credits

NUTR 2100 - Nutrition and Physical Activity 3 Credits  
 PES (ENSP) 3150 - Environment and Agriculture 3 Credits  
 PES 4760 - Sustainable Food Systems Towards Global Food Security 3 Credits  
 PHIL 1240 - Technology and Its Discontents 3 Credits  
 PHIL 2100 - Evolution and Creation 3 Credits  
 PHIL 3240 - Philosophy of Technology 3 Credits  
 PHIL 3260 - Science and Values 3 Credits  
 PHIL 3280 - Philosophy and Technology of the Body 3 Credits  
 PHIL 3400 - Technology, Environment, and Sustainability 3 Credits  
 PHIL 3450 - Environmental Ethics 3 Credits  
 PHYS 2450 - Physics of Global Climate Change 3 Credits  
 PKSC 3680 - Packaging and Society 3 Credits  
 PLPA 2130 - Fungi and Civilization 3 Credits  
 PRTM 2110 - Impacts of Technology and Science in the Context of Play, Recreation and  
 Tourism  
 3 Credits  
 PSYC 2750 - Applied Psychology and Transportation 3 Credits  
 RS (SOC) 4010 - Human Ecology 3 Credits  
 SOC (RS) 4010 - Human Ecology 3 Credits  
 SOC 4030 - Technology, Environment, and Society 3 Credits  
 STAT 2220 - Statistics in Everyday Life 3 Credits  
 STS 1010 - Survey of Science and Technology in Society 3 Credits  
 STS 1020 - Ideas, Machinery, and Society 3 Credits  
 STS 1200 - Topics in Science and Technology in Society 3 Credits  
 STS 1710 - Scientific Skepticism 3 Credits  
 STS 2150 - A Critical Approach to the Global Challenge of Technological Revolutions 3  
 Credits  
 STS 2160 - Critical Analysis of a Current STS Issue 3 Credits  
 STS 3010 - Science in Context 3 Credits  
 STS 3030 - Technology, Culture and Society 3 Credits  
 STS 4980 - Creative Inquiry 1-3 Credits  
 STS 4990 - Independent Study 1-3 Credits

\*Note: <sup>2</sup>This course also satisfies the Cross-Cultural Awareness Requirement.

## **II. DISTRIBUTED COURSEWORK**

Courses in the majors incorporate critical thinking, ethical judgment, and both written and oral communication skills into the curriculum. Some curricula use a cluster of courses to meet the oral communication student learning outcome.

## **GENERAL EDUCATION COURSE TABLE AAH/SS/CCA/STS**

The version of the course list beginning on the following page shows the courses that have the arts and humanities, social science, CCA, and/or STS attribution, to enable better visualization.

### Notes:

- \* For the Social Science requirement, two courses from different fields must be selected.
- \*\* Science and Technology in Society and Cross-Cultural Awareness requirements may be satisfied by other general education courses, as long as the student completes a total of 31 hours in area I and satisfies requirements A-F. (See 2019 – 2020 General Education Curriculum at the beginning of this section.
- \*\*\* These courses are worth one credit. Any combination can be used to meet the three-credit requirement for Arts & Humanities, non-literature.

Course Code	Course Title	AH Lit (3 credits required)	AH Non- Lit (3 credits required)	Soc. Sci. (6 credits required*)	CCA (3 credits**)	STS (3 credits**)
AAH 1010	Survey of Art & Arch. Hist. I		•			
AAH 1020	Survey of Art & Arch. Hist. II				•	
AGED(EDF) 4800	Found of Dig Media & Learning					•
AGRB 2020	Agricultural Economics			•		
AGRB 2050	Agriculture and Society				•	•
AGRB(ECON) 4570	Nat Resource Use, Tech & Policy					•
ANTH 2010	Introduction to Anthropology			•	•	
ART 2100	Art Appreciation		•		•	
ART 3750	Writing for the Arts in Charleston		•			
ASL 3050	Deaf Studies in the US		•		•	
AVS 3150	Animal Welfare					•
AVS 4150	Contemp. Issues in Animal Science					•
BIOL 2000	Biology in the News					•
BIOL 2010	Biotechnology & Society					•
BIOL 2030	Human Disease and Society					•
BIOL 2040	Environmental, Energy and Society					•
BIOL 2100	Evolution and Creationism					•
BIOL 2110	Introduction to Toxicology					•
BIOL 2200	Biology: Concepts, Issues, & Values					•
BIOL 4730	History of Modern Biology					•
CAAH 2010	Cultural Literacies Across Media		•		•	
CH 1050	Chemistry in Context I					•
CH 1060	Chemistry in Context II					•
CHIN (PHIL) 3120	Philosophy in Ancient China		•			
CHIN (PHIL) 3130	Philosophy in Modern China		•			
CHIN 4010	Pre-Modern Chin. Lit. in Trans.	•				
CHIN(PHIL) 4140	Philosophy in Medieval China		•			
CHIN 4990	Selected Topics in Chinese Culture		•			
COMM 1070	Media Represen. of Science & Tech.					•
COMM 1800	Intro to Cross-Cultural Comm.		•		•	
COMM 3030	Communication Law & Ethics		•			
COMM 3070	Public Comm. of Science & Tech.					•
COMM 3080	Public Comm. & Pop. Culture		•			
COMM 3090	Visual Discourse & the Public		•			
COMM 4020	Mass Comm.: Hist. & Criticism		•			
CPSC 2920	Computing, Ethics and Global Society					•
CTE 1150	Contemporary Tech. Problems					•
CTE 2210	Exploring Technology					•
ECE 1010	Robots in Business and Society					•
ECON 2000	Economic Concepts			•		
ECON 2110	Principles of Microeconomics			•		

Course Code	Course Title	AH Lit (3 credits required)	AH Non- Lit (3 credits required)	Soc. Sci. (6 credits required*)	CCA (3 credits**)	STS (3 credits**)
ECON 2120	Principles of Macroeconomics			•		
ECON 3190	Environmental Economics					•
ECON(AGBR) 4570	Nat Resource Use, Tech & Policy					•
EDF(AGED) 4800	Found of Dig Media & Learning					•
EES 4860	Environmental Sustainability					•
ENGL 2020	The Major Forms of Literature	•				
ENGL 2120	World Literature	•				
ENGL 2130	British Literature	•				
ENGL 2140	American Literature	•				
ENGL 2150	Lit in 20 <sup>th</sup> & 21 <sup>st</sup> Century Contexts	•				
ENGL 2160	African American Literature	•			•	
ENGL(GW) 3010	Great Books of the Western World		•			
ENGL 3490	Technology & Popular Imagination					•
ENGL 3550	Global Studies in Popular Culture		•			
ENGL(WCIN) 3570	Film		•			
ENGL (LANG, WCIN) 4540	Selected Topics in International Film		•			
ENGR 2200	Eval. Innov: Fixtures, Fads & Flops					•
ENGR 2210	Technology, Culture and Design					•
ENR 3120	Environmental Risks & Society					•
ENR (FOR) 4160	Forest Policy and Administration					•
ENSP 1250	Sustainable Resource Use					•
ENSP 2000	Intro. to Environmental Science					•
ENSP(PES) 3150	Environment and Agriculture					•
ENSP 4000	Studies in Environmental Science					•
ENT 2000	Six-Legged Science					•
FDSC 2140	Food Resources and Society					•
FOR (ENR) 4160	Forest Policy and Administration					•
FR 3000	Survey of French Lit.	•				
FR 3040	French Short Story	•				
FR 3070	French Civilization		•			
GEOG 1010	Introduction to Geography			•		
GEOG 1030	World Regional Geography			•	•	
GEOG 1060	Geog. of the Physical Environment			•		
GEOL 1120	Earth Resources					•
GEOL 1200	Natural Hazards					•
GEOL 1250	Sustainable Resource Use					•
GEOL 2700	Exp. in Sustain. Devt: Water					•
GEOL 3000	Environmental Geology					•
GER 2600	Selected Topics in German Lit.	•				
GER 3060	German Short Story	•				
GER 3400	German Culture		•			
GER 3600	German Literature to 1832	•				
GER 3610	German Lit. from 1832 to Modernism	•				

Course Code	Course Title	AH Lit (3 credits required)	AH Non- Lit (3 credits required)	Soc. Sci. (6 credits required*)	CCA (3 credits**)	STS (3 credits**)
GW (ENGL) 3010	Great Books of the Western World		•			
GW 4050	The Darwinian Revolution		•			
HCG (NURS) 3330	Healthcare Genetics					•
HIST 1010	History of the U.S. (part one)			•		
HIST 1020	History of the U.S. (part two)			•		
HIST 1220	History, Technology, & Society			•		•
HIST 1240	Environmental History Survey			•		•
HIST 1720	The West and the World I			•	•	
HIST 1730	The West and the World II			•	•	
HIST 1930	Modern World History			•	•	
HIST 3210	History of Science					•
HIST 3220	History of Technology					•
HIST 3230	History of American Technology					•
HIST 3920	Hist of the Environment of the US					•
HIST 4240	Topics in Hist of Medicine and Health					•
HIST 4910	Studies in the Hist. of Sci. & Tech.					•
HLTH 4310	Public & Environmental Health					•
HON 1900	Fr Colloq.: Arts & Hum (Lit)	•				
HON 1910	Fr Colloq.: Arts & Hum (Non-Lit)		•			
HON 1920	Fr Colloq.: Social Science			•		
HON 1930	Fr Colloq.: Cross-Cultural Awareness				•	
HON 1940	Fr Colloq.: Sci & Tech in Society					•
HON 2010	Structures and Society		•			•
HON 2020	Science, Culture & Human Values			•		
HON 2030	Society, Art, and Humanities		•			
HON 2060	Controversies in Sci. & Technology					•
HON 2090	Border Crossings: Exp in Wrld Culture				•	
HON 2100	Experiencing the Arts		•			
HON 2200	Studies in Social Science			•		
HON 2210	Studies in Literature	•				
HON 2220	Studies in Arts and Humanities		•			
HUM 3010	Humanities (part one)		•			
HUM 3020	Humanities (part two)		•			
HUM 3060	Creative Genius in West. Cult.		•			
HUM 3090	Studies in Humanities		•		•	
IE 4880	Human Factors Engineering					•
IS 1010	CCA International Experience				•	
IS 2100	Selected Topics in Intl. Studies				•	
ITAL 3010	Intro. to Italian Lit.	•				
ITAL 3020	Modern Italian Lit.	•				
JAPN 3070	Japanese Civilization I		•			
JAPN 3080	Japanese Civilization II		•			
JAPN 4010	Japanese Lit. in Translation	•				
JAPN 4060	Intro. to Japanese Lit.	•				
LANG 2500	Intro. to World Languages				•	
LANG 2540	Intro. to World Cinemas				•	

Course Code	Course Title	AH Lit (3 credits required)	AH Non- Lit (3 credits required)	Soc. Sci. (6 credits required*)	CCA (3 credits**)	STS (3 credits**)
LANG 3400	Cosmopolis: Myth of the City		•			
LANG 3420	Sacred and Profane Bodies		•			
LANG 3560	Faces of Evil		•			
LANG (ENGL, WCIN) 4540	Selected Topics in International Film		•			
LARC 1160	History of Landscape Architecture		•			•
MATH 2190	Introduction to Cryptography					•
MKT 4450	Macromarketing					•
MUSC 2100	Music Appreciation: Music in the Western World		•		•	
MUSC (THEA)	Survey of Broadway Musicals I		•			
MUSC (THEA)	Survey of Broadway Musicals II		•			
MUSC 3110	History of American Music		•			
MUSC 3120	History of Jazz		•			
MUSC 3130	History of Rock and Roll		•			
MUSC 3140	World Music		•		•	
MUSC 3170	History of Country Music		•			
MUSC 3180	History of Audio Technology					•
MUSC 3610	Marching Band***		•			
MUSC 3620	Symphonic Band***		•			
MUSC 3630	Jazz Ensemble***		•			
MUSC 3640	Concert Band***		•			
MUSC 3690	Symphony Orchestra***		•			
MUSC 3700	Clemson University Singers***		•			
MUSC 3710	Women's Chorus***		•			
MUSC 3720	Men's Chorus***		•			
NURS 1400	Computer Applications in Nursing					•
NURS (HCG) 3330	Healthcare Genetics					•
NUTR 2030	Intro to Principles of Human Nutrition					•
NUTR 2100	Nutrition and Physical Activity					•
PAS 3010	Intro to Pan African Studies			•	•	
PES(ENSP) 3150	Environment and Agriculture					•
PES 4760	Sustainable Food Systems Towards Global Food Security					•
PHIL 1010	Intro. To Philosophic Problems		•			
PHIL 1020	Intro. To Logic		•			
PHIL 1030	Intro. To Ethics		•			
PHIL 1240	Technology & Its Discontents		•			•
PHIL 2100	Evolution and Creation		•			•
PHIL(CHIN)3120	Philosophy in Ancient China		•			
PHIL(CHIN)3130	Philosophy in Modern China		•			
PHIL 3160	Modern Philosophy		•			
PHIL 3170	19 <sup>th</sup> Century Philosophy		•			
PHIL 3180	20 <sup>th</sup> Century Philosophy		•			
PHIL 3230	Theory of Knowledge		•			
PHIL 3240	Philosophy of Technology		•			•



Course Code	Course Title	AH Lit (3 credits required)	AH Non- Lit (3 credits required)	Soc. Sci. (6 credits required*)	CCA (3 credits**)	STS (3 credits**)
PHIL 3250	Philosophy of Science		•			
PHIL 3260	Science and Values		•			•
PHIL 3270	Philosophy of Social Science		•			
PHIL 3280	Philosophy & Technology of the Body					•
PHIL 3400	Tech., Environ., & Sustainability					•
PHIL 3440	Business Ethics		•			
PHIL 3450	Environmental Ethics		•			•
PHIL (WS) 3490	Theories of Gender and Sexuality		•			
PHIL(CHIN) 4140	Philosophy in Medieval China		•			
PHYS 2450	Physics of Global Climate Change					•
PKSC 3680	Packaging and Society					•
PLPA 2130	Fungi and Civilization					•
POSC 1010	American National Government			•		
POSC 1020	Intro. to International Relations			•	•	
POSC 1030	Introduction to Political Theory			•		
POSC 1040	Intro. to Comparative Politics			•	•	
PRTM 2110	Impacts of Tech. and Sci – in Context of Play, Recreation and Tourism					•
PSYC 2010	Introduction to Psychology			•		
PSYC 2500	Pursuing Happiness			•	•	
PSYC 2750	Applied Psychology & Transportation			•		•
REL 1010	Introduction to Religion		•		•	
REL 1020	World Religions		•		•	
REL 3010	The Old Testament		•			
REL 3020	Survey of New Testament Lit.		•			
REL 3030	The Quran		•			
REL 3060	Judaism		•			
REL 3070	The Christian Tradition		•			
REL 3090	Religious History of American South		•			
REL 3120	Hinduism		•			
REL 3130	Buddhism		•			
REL 3150	Islam		•			
REL 3350	Islam and the West		•			
RS 3010	Rural Sociology			•		
RS(SOC) 4010	Human Ecology					•
RUSS 3400	Russian Culture of the 19 <sup>th</sup> Century		•			
RUSS 3600	Russian Lit. to 1910	•				
RUSS 3610	Russian Lit. since 1910	•				
SOC 2010	Introduction to Sociology			•		
SOC 2020	Social Problems			•		
SOC (RS) 4010	Human Ecology					•
SOC 4030	Technology, Environment, & Society					•
SPAN 3040	Intro to Hispanic Literary Forms	•				
SPAN 3070	The Hispanic World: Spain		•			
SPAN 3080	The Hispanic World: Latin America		•			
SPAN 3110	Survey of Spanish-American Lit.	•				

Course Code	Course Title	AH Lit (3 credits required)	AH Non- Lit (3 credits required)	Soc. Sci. (6 credits required*)	CCA (3 credits**)	STS (3 credits**)
SPAN 3130	Survey of Spanish Literature I	•				
STAT 2220	Statistics in Everyday Life					•
STS 1010	Survey of Sci. and Tech. in Society		•			•
STS 1020	Ideas, Machinery, & Society		•			•
STS 1200	Topics in STS					•
STS 1710	Scientific Skepticism					•
STS 2150	A Crit. Approach to Global Challenge of Tech. Revolutions		•			•
STS 2160	Crit. Analysis of a Current STS Issue					•
STS 3010	Science in Context		•			•
STS 3030	Technology, Culture and Society		•			•
STS 4980	Creative Inquiry					•
STS 4990	Independent Study					•
THEA 2100	Theatre Appreciation		•			
THEA 2790	Theatre Practicum***		•			
THEA (MUSC)	Survey of Broadway Musicals I		•			
THEA (MUSC)	Survey of Broadway Musicals II		•			
THEA 3150	Theatre History I		•			
THEA 3160	Theatre History II		•			
THEA 3170	African American Theatre I		•			
WCIN(ENGL) 3570	Film		•			
WCIN (ENGL, LANG) 4540	Selected Topics in International Film		•			
WS 1030	Women in Global Perspective				•	
WS 3010	Intro. to Women's Studies: Women's Lives		•			
WS(PHIL) 3490	Theories of Gender & Sexuality		•			

# **POLICY FOR SATISFYING THE GENERAL EDUCATION CROSS-CULTURAL AWARENESS (CCA) REQUIREMENT THROUGH AN INTERNATIONAL EXPERIENCE**

(as of February 1, 2019)

Students may fulfill the institution's Cross-Cultural Awareness (CCA) requirement in one of two ways:

1. Successful completion of a specific Clemson University course from the list of approved CCA courses
2. Through a university-approved international experience.

## **QUALIFYING INTERNATIONAL EXPERIENCES**

An international experience will fulfill the CCA requirement if it 1) satisfies either (a) or (b) below, and the student successfully completes IS 1010 as described below IS 1010 is a one-credit online course taught via Canvas. Enrolled students are responsible for any tuition and fees associated with this course.

(a) The international experience is an approved study abroad program, internship/work experience\*, research assignment\*, military service\*, or service-learning program\* of at least 3 months duration.

\*Students participating in these program types should contact Clemson Abroad at [abroad@clemson.edu](mailto:abroad@clemson.edu) to enroll in IS 1010.

(b) international experience of shorter duration (e.g., summer study abroad programs) which incorporates specific features (e.g., home-stay in the target language setting, a structured activity addressing intercultural issues, etc.) designed to intensify the cross-cultural experience. Shorter programs must be a minimum of four weeks in duration. To determine if an international experience may be used to fulfill the CCA requirement, please contact the Clemson Abroad Office at [abroad@clemson.edu](mailto:abroad@clemson.edu).

## **ENROLLING IN IS 1010**

To fulfill the CCA requirement using one of the above international experiences, the student must enroll in and successfully complete the one-credit IS 1010 course. With the exception of military service, it is strongly recommended that students enroll in IS 1010 concurrently with their study abroad program or other international experience.

Students participating in an approved study abroad program can indicate their request to enroll in IS 1010 by answering "yes" within the Cross-cultural Awareness Requirement questionnaire prior to the start of the desired enrollment term. The questionnaire is located within the Clemson Abroad online application. Assuming the program meets the requirements listed above and that the student has answered the associated application questionnaire indicating that they wish to enroll in IS 1010, Clemson Abroad will enroll the student in the course during the term that the student is abroad.

In exceptional circumstances, a student may petition to take the course after completion of the qualifying experience if the experience occurred no more than 18 months prior to the beginning of the course. All petitions and any appeal to the above guidelines must be submitted in writing to the Director of Global Education Initiatives at [gpi@clemson.edu](mailto:gpi@clemson.edu). Enrollment of approved students will be facilitated by Clemson Abroad.