

ARSC - ARTS & SCIENCES (ARSC)

ARSC 101 First Year Seminar

Credits 0. 0 Lecture Hours. 0 Lab Hours. 0 Other Hours. Development of self-efficacy, self-awareness, and sense of purpose; actively engage in learning environment inside and outside the classroom; become socially integrated within the university community. **Prerequisite:** First time in college student pursuing a major in the College of Arts & Sciences.

ARSC 104 Contemporary Issues in Science - Cosmos, Earth and Humanity

Credits 3. 3 Lecture Hours. Science for citizens; interdisciplinary survey of contemporary issues in the science of our universe or cosmos, Earth and humanity, including the big bang, evolution, genetics, vaccines and drugs; future outlook on humanity, including artificial intelligence, cryptography and cybersecurity; critically analyze science presented in the news, on television and on social media; ethical implications of research. **Cross Listing:** BIOL 104 and PHYS 104.

ARSC 105/CHEM 105 Contemporary Issues in Science - The Environment

Credits 3. 3 Lecture Hours. Science for citizens; interdisciplinary survey of contemporary issues in and future outlook on the science of our environment, including climate change, energy, plastics, agriculture, and food and water safety; future outlook on the health of our environment; critically analyze science presented in the news, on television and on social media. **Cross Listing:** CHEM 105/ARSC 105.

ARSC 201 Experiences In Secondary Math and Science Classrooms

Credit 1. 1 Lecture Hour. 1 Lab Hour. Field based with emphasis on culture of secondary schools through experiences in science, technology, engineering or math classrooms; focuses on characteristics, behaviors and traits of effectively teaching adolescents in diverse middle and high school settings; educational standards, high-stakes testing and research based teaching strategies. **Prerequisite:** Major in science or mathematics related field or approval of instructor.

ARSC 202 The Human Experience

Credits 3. 3 Lecture Hours. Introduction to classic transformative texts in the history of the arts, sciences, and humanities; interdisciplinary methods and approaches within the humanities; key ethical and moral debates across the human experience. **Cross Listing:** HIST 202 and PHIL 202.

ARSC 289 Special Topics in...

Credits 0 to 3. 0 to 3 Other Hours. Selected topics in an identified area of arts and sciences. May be repeated for credit. **Prerequisites:** Freshman or sophomore classification and approval of instructor.

ARSC 292 Cooperative Education in Arts and Sciences

Credits 0 to 2. 0 to 2 Other Hours. Educational work assignment by a student in the field of his or her career interest and course of study. Supervision of the student will be by the cooperating employer and the instructor. A technical report, approved by the instructor, on a related subject area will be required. **Prerequisite:** Approval of College's Director of Academic Operations; freshmen and sophomore classification.

ARSC 301 College of Arts and Sciences Study Abroad

Credits 0 to 18. 0 to 18 Other Hours. For student in approved programs abroad. May be repeated for credit. **Prerequisites:** Admission to approved program and approval of Academic Dean.

ARSC 392 Cooperative Education in Arts and Sciences

Credits 2. 2 Other Hours. Educational work assignment by a student in the field of his or her career interest and course of study. Supervision of the student will be by the cooperating employer and the instructor. A technical report, approved by the instructor, on a related subject area will be required. **Prerequisite:** Approval of College's Director of Academic Operations; junior classification.

ARSC 489 Special Topics in...

Credits 1 to 4. 1 to 4 Other Hours. Selected topics in an identified area of arts and sciences. May be repeated for credit. **Prerequisites:** Junior or senior classification and approval of instructor.

ARSC 492 Cooperative Education in Arts and Sciences

Credits 0 to 2. 0 to 2 Other Hours. Educational work assignment by a student in the field of his or her career interest and course of study. Supervision of the student will be by the cooperating employer and the instructor. A technical report, approved by the instructor, on a related subject area will be required. **Prerequisite:** Approval of College's Director of Academic Operations; senior classification.