RESIDENTIAL COLLEGE (RCO)

RCO 101 College Writing I 3
A course in academic writing, focusing on analysis, argument, and critical reflection using the tenets of rhetoric. Instruction in drafting, revising, and compilation of a final portfolio.
MAC: MAC Written Communication
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: Equivalent credit to ENG 101 and/or FMS 115. students may receive credit for only one of RCO 101 or ENG 101 or FMS 115.

RCO 102 College Writing II 3
A course in research-based writing, focused on analysis, argument, and critical reflection using the tenets of rhetoric. Instruction in research methodologies as relevant to college writing projects.
MAC: MAC Written Communication
Prerequisites: ENG 101, or FMS 115 or RCO 101.

RCO 112 Contemporary Topics in Mathematics 3
Practical mathematical topics including set theory, properties and operations of number systems, algebra, geometry and consumer mathematics. Additional topics may be selected from logic, systems of numeration, and mathematical systems.
MAC: MAC Quantitative Reasoning
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: Students may not receive credit for both MAT 112 and RCO 112.

RCO 114 Elementary Introduction to Probability and Statistics 3
Survey of statistics intended for undergraduates in any discipline. Graphical displays, numerical measures, relationships between variables, elements of good data collection. Basic probability, introduction to inferential techniques including confidence intervals and significance testing. Emphasis on statistical literacy.
MAC: MAC Quantitative Reasoning
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: Students may not earn credit for both RCO 114 and STA 108. may not be taken for credit by students who have received credit for ECO 250 or ECO 350 or who are concurrently enrolled in ECO 250.

RCO 115 College Algebra 3
Algebraic expressions, exponents, radicals, factoring, solving equations and inequalities, graphing, polynomial and rational functions.
MAC: MAC Quantitative Reasoning

RCO 122 Beginning Spanish I 3
Introduction to Spanish with practice in listening, speaking, writing, and reading. Students may not receive credit for both RCO 122 and SPA 101.
MAC: MAC Global and Intercultural

RCO 133 Residential College Service-Learning Seminar 3
Focus on community service in readings and field experience. Topics vary relevant to the instructor’s area of expertise.
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated for credit when topic varies.

RCO 154 Residential College Seminar in Rhetoric 3
An introduction to rhetorical theory and practice and broader concepts of literacy, with an intensive focus on transferable writing strategies.
MAC: MAC Written Communication
Prerequisites: Restricted to students in the Residential Colleges.
Notes: May be repeated up to three (3) times for credit as topic varies.
RCO 188 Residential College Critical Thinking in the Natural Sciences Seminar 3
An intensive focus on explaining, predicting, and reasoning about the behavior of natural systems, or the outcomes of observations or measurements; using arguments based on established scientific principles and models; and developing, deepening, refining, or extending concepts, principles, and models to explain natural systems, based on empirical observations.
MAC: MAC CritThink Nat Sci
Prerequisites: Restricted to students in the Residential Colleges.
Notes: May be repeated up to three (3) times for credit as topic varies.

RCO 189 Residential College Global Engagement and Intercultural Learning Seminar 3
An intensive focus on knowledge and critical understanding of similarities and differences across world cultures over time, emphasizing the development of global perspectives and skills to engage cross-culturally.
MAC: MAC Global and Intercultural
Prerequisites: Restricted to students in the Residential Colleges.
Notes: May be repeated up to three (3) times for credit as topic varies.

RCO 190 Residential College Diversity and Equity Seminar 3
An intensive focus on systems of oppression, structures of power, and institutions, with connections to US or global societies and the examination of intellectual traditions that address systems of injustice.
MAC: MAC Diversity and Equity
Prerequisites: Restricted to students in the Residential Colleges.
Notes: May be repeated up to three (3) times for credit as topic varies.

RCO 191 Residential College Data Analysis and Interpretation in the Natural Sciences Seminar 3
An intensive focus on the role of quantitative data analysis and interpretation of empirical information in the development of scientific theories and models.
MAC: MAC Nat Sci Data Analysis
Prerequisites: Restricted to students in the Residential Colleges.
Notes: May be repeated up to three (3) times for credit as topic varies.

RCO 192 Residential College Written Communication Capstone 3
An intensive focus on the teaching and learning of transferable writing strategies, including invention, arrangement, style, and revision.
MAC: MAC Written Communication
Prerequisites: Restricted to students in the Residential Colleges.

RCO 193 Residential College Oral Communication Capstone 3
An intensive focus on student development of oral communication knowledge and abilities, including presenting and interacting in contexts such as public speaking, interpersonal communication, and group communication.
MAC: MAC Oral Communication
Prerequisites: Restricted to students in the Residential Colleges.

RCO 200 Residential College Seminars 1-19
Research Fellows Colloquium for Research Fellows Program.

RCO 202 Residential College Seminar in Historical Perspectives: Modern 3
Historical study of human culture from the 17th century to the present.
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated once for credit when topic varies.

RCO 203 Residential College Seminar in Philosophical/Religious/Ethical Principles 3
Study of philosophical, religious, and ethical traditions that have shaped societies in the past and the present.
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 204 Residential College Seminar in Literature and Rhetoric 3
Study of works of literature and the social and historical contexts from which they come.
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 205 Residential College Seminar in Social and Behavioral Studies 3
Study of the interrelationship between individuals and society and of the social and intellectual contexts of events and situations.
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 206 Residential College Studies in the Arts 3
Principles 3
Lecture and/or seminar in the arts.
MAC: MAC CritThink Hum and Fine Art
Prerequisites: Permission of instructor.
Notes: May be repeated for credit when topic varies.

RCO 211 Residential College Seminar in Historical Perspectives: Premodern 3
Historical study of human culture from ancient times to the 17th century.
MAC: MAC Diversity and Equity
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 212 Residential College Seminar in Historical Perspectives: Modern 3
Historical study of human culture from the 17th century to the present.
MAC: MAC Diversity and Equity
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 213 Residential College Seminar in Philosophical/Religious/Ethical Principles 3
Study of philosophical, religious, and ethical traditions that have shaped societies in the past and the present.
MAC: MAC Diversity and Equity
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 214 Residential College Seminar in Literature and Rhettoric 3
Study of works of literature and the social and historical contexts from which they come.
MAC: MAC Diversity and Equity
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.
RCO 215 Residential College Seminar in Social and Behavioral Studies 3
Study of the interrelationship between individuals and society and of the social and intellectual contexts of events and situations.
MAC: MAC Diversity and Equity
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 221 Residential College Seminar in Historical Perspectives: Premodern 3
Historical study of human culture from ancient times to the 17th century.
MAC: MAC Global and Intercultural
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 222 Residential College Seminar in Historical Perspectives: Modern 3
Historical study of human culture from the 17th century to the present.
MAC: MAC Global and Intercultural
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 223 Residential College Seminar in Philosophical/Religious/Ethical Principles 3
Study of philosophical, religious, and ethical traditions that have shaped societies in the past and the present.
MAC: MAC Global and Intercultural
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 224 Residential College Seminar in Literature and Rhetoric 3
Study of works of literature and the social and historical contexts from which they come.
MAC: MAC Global and Intercultural
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 225 Residential College Seminar in Social and Behavioral Studies 3
Study of the interrelationship between individuals and society and of the social and intellectual contexts of events and situations.
MAC: MAC Global and Intercultural
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 226 Residential College Seminar in Fine Arts 3
A historical survey of various art form(s) within historical, cultural, and material contexts. Students will explore the art form(s) through historical texts that emphasize artistic technique and production.
MAC: MAC Global and Intercultural
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated twice for credit when topic varies.

RCO 239 Non-Western Fine Arts Seminar 3
A global historical survey of non-Western art form(s) through an examination of historical, cultural, and material contexts. Students will explore the art form(s) through global historical texts and in-class experiential practice.
Prerequisites: Permission of instructor.

RCO 252 Introductory Concepts in Biology 3
Introduction to major concepts in biology for students who do not plan to take additional biology courses. Explores basic aspects of biology, including genetics, microbiology, and ecology. Specific topics may include conservation biology, biotechnology, and current issues.
MAC: MAC CritThink Nat Sci
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: Students may not earn credit for both BIO 111/BIO 112 and RCO 252. Students may not earn credit for both BIO 105 and RCO 252.

RCO 253 Residential College Seminar in Life Sciences 3
Conceptual explorations in the life sciences.
Prerequisites: Permission of instructor;
Notes: May be repeated for credit when topic varies.

RCO 254 Residential College Seminar in Physical Sciences 3
Conceptual explorations in the physical sciences.
Prerequisites: Permission of instructor.
Notes: May be repeated for credit when topic varies.

RCO 255 Introductory Concepts in Earth Science 3
Survey of basic concepts and processes. Integration of issues pertaining to environmental sustainability with the nature of the earth's three primary physical systems: the solid earth and continents; the ocean basins and the oceans; and the atmosphere's weather.
MAC: MAC CritThink Nat Sci
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: Students cannot earn credit for both GES 103 and RCO 255.

RCO 273 General Psychology 3
Survey of psychology. Includes psychology as science, nervous system, growth and development, sensory and perceptual processes, motivation, emotion, learning, social behavior, personality (normal and pathological), statistics, testing, intelligence, aptitudes, and achievement.
MAC: MAC CritThink Soc and BehavSci

RCO 301 Independent Study 1-3
This course is designed to provide a comprehensive introduction to the nature and structure of research/scholarship in a variety of academic disciplines.
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated for credit when topic varies.

RCO 302 Advanced Study 3
Advanced-level study.
Prerequisites: Permission of instructor. Admission to a Residential College;
Notes: May be repeated for credit when topic varies.

RCO 306 Music in Context 3
Consideration of musical works in social, artistic, and economic contexts.
Prerequisites: Permission of instructor.

RCO 390 Research Capstone 3
Locating and using primary and/or secondary source materials, published and unpublished, with an intense focus on the writing process. Variable topics, related to residential colleges’ curriculum. Offerings may include digital publications, fieldwork, or professional development research.
CIC: CIC College Writing
Prerequisites: Permission of instructor. Admission to a Residential College.