

# GENERAL EDUCATION the human community

## cluster one: skills for the 21st century

*NOTE: this cluster must be completed before the end of your first year at JMU.*

### CRITICAL THINKING: C1CT (choose one)

**BUS 160** Business Decision Making in a Modern Society  
**HIST 150** Critical Issues in Recent Global History  
**ISAT 160** Problem Solving Approaches in Science and Technology  
**PHIL 120** Critical Thinking  
**PHIL 150** Ethical Reasoning  
**SMAD 150** Mediated Communication: Issues and Skills  
**UNST 300 & Other Integrative Options** Juniors/seniors who still need C1CT may enroll in an Integrative course. More information [here](#).

### HUMAN COMMUNICATIONS: C1HC (choose one)

**SCOM 121** Fundamental Human Communication: Presentations  
**SCOM 122** Fundamental Human Communication: Individual Presentations  
**SCOM 123** Fundamental Human Communication: Group Presentations

### WRITING: C1W (choose one)

**WRTC 103** Rhetorical Reading and Writing

### MREST (Information Literacy Requirement - receive passing score)

The MREST (Madison Research Essential Skills Test) is a graduation requirement for all students who matriculated prior to summer 2022 (unless you have completed an [approved](#) Associate Degree from a Virginia Community College).

## cluster three: the natural world

*NOTE: Some C3PP & C3NS courses have labs embedded (which fulfill the C3L requirement as well), and some have separate lab corequisites; see notes in parentheses for specific course requirements.*

### QUANTITATIVE REASONING: C3QR (choose one)

**ISAT 151** Topics in Applied Calculus in ISAT (*ISAT majors only*)  
**ISAT 251** Topics in Statistics in ISAT (*ISAT majors only*)  
**MATH 103** The Nature of Mathematics  
**MATH 105** Quantitative Literacy and Reasoning  
**MATH 110** Math for Elementary & Middle School Teachers I  
**MATH 205** Introductory Calculus  
**MATH 220** Elementary Statistics  
**MATH 229** Introduction to Applied Statistics Using R  
**MATH 231** Calculus with Functions I  
**MATH 235** Calculus

### PHYSICAL PRINCIPLES: C3PP (choose one)

**ASTR 120** The Solar System  
**ASTR 121** Stars, Galaxies, and Cosmology  
**CHEM 120** Concepts of Chemistry  
**CHEM 131** General Chemistry (*take with CHEM 131L*)  
**ISAT 100** Environmental and Energy Sustainability  
**ISAT 112** Environmental Issues in Science and Technology (*includes lab*)  
**ISCI 101** Physics, Chemistry and the Human Experience  
**ISCI 172** Physical Science for Teachers (*IdLS, some COE majors only*)  
**PHYS 121** The Physical Nature of Light and Sound (*includes lab*)  
**PHYS 140** College Physics I (*take with PHYS 140L*)  
**PHYS 240** University Physics I (*take with PHYS 240L*)

### NATURAL SYSTEMS: C3NS (choose one)

**ANTH 196** Biological Anthropology  
**BIO 103** Contemporary Biology  
**BIO 140** Foundations of Biology I (*take with BIO 140L*)  
**BIO 270** Human Physiology (*take with BIO 270L*)  
**GEOL 102** Environment: Earth  
**GEOL 110** Physical Geology (*take with GEOL 110L*)  
**GEOL 115** Earth Systems and Climate Change (*take with GEOL 115L*)  
**GEOL 210** Applied Physical Geology  
**GEOL 211** Introduction to Oceanography  
**ISAT 113** Biotechnical Issues in Science & Technology (*take with ISAT 113L*)  
**ISCI 171** Earth & Planetary Sciences for Teachers (*IdLS, some COE majors only*)

### LAB EXPERIENCE: C3L (if not included in C3NS/C3PP choice)

**BIO 140L** Foundations of Biology I Lab (*take with BIO 140*)  
**BIO 270L** Human Physiology Lab (*take with BIO 270*)  
**CHEM 131L** General Chemistry Lab (*take with CHEM 131*)  
**GEOL 110L** Physical Geology Lab (*take with GEOL 110*)  
**GEOL 115L** Earth Systems and Climate Change Lab (*take with GEOL 115*)  
**ISAT 113L** Biotechnical Issues in Science & Technology Lab (*take with ISAT 113*)  
**ISCI 104** Scientific Perspectives  
**ISCI 173** Life & Environmental Science for Teachers (*IdLS, some COE majors only*)  
**PHYS 140L** General Physics Lab I (*take with PHYS 140*)  
**PHYS 240L** University Physics Lab I (*take with PHYS 240*)

## cluster two: arts and humanities

### HUMAN QUESTIONS AND CONTEXTS: C2HQC (choose one)

**AMST 200** Introduction to American Studies  
**ANTH 205** Buried Cities and Lost Tribes  
**HIST 101** World History to 1500  
**HIST 102** World History since 1500  
**HUM 250** Foundations of Western Culture  
**HUM 251** Modern Perspectives  
**HUM 252** Global Cultures  
**PHIL 101** Introduction to Philosophy  
**REL 101** Religions of the World  
**REL 102** Religion, Spirituality, and the Meaning of Life

### VISUAL AND PERFORMING ARTS: C2VPA (choose one)

**ART 200** Art in General Culture  
**ARTH 205** Survey of World Art I: Prehistoric to Renaissance  
**ARTH 206** Survey of World Art II: Renaissance to Modern  
**DANC 215** The Dance Experience  
**MUS 200** Music and Culture  
**MUS 203** Music in America  
**MUS 206** Introduction to Global Music  
**THEA 210** Introduction to Theatre

### LITERATURE: C2L (choose one)

**ENG 221** Literature/Culture/Ideas  
**ENG 222** Genre(s)  
**ENG 235** Survey of English Literature: From Beowulf to the 18th Century  
**ENG 236** Survey of English Literature: 18th Century to Modern  
**ENG 239** Studies in World Literature  
**ENG 247** Survey of American Literature: From the Beginning to the Civil War  
**ENG 248** Survey of American Literature: From the Civil War to the Modern Period  
**ENG 260** Survey of African-American Literature  
**HUM 200** Great Works of Literature

## cluster four: social and cultural processes

*NOTE: POSC 200 and POSC 225 cannot both be used to satisfy this area.*

### THE AMERICAN EXPERIENCE: C4AE (choose one)

**HIST 225** U.S. History  
**JUST 225** Justice and American Society  
**POSC 225** U.S. Government

### THE GLOBAL EXPERIENCE: C4GE (choose one)

**AAAD 200** Introduction to African, African American and Diaspora Studies  
**ANTH 195** Cultural Anthropology  
**ECON 200** Introduction to Macroeconomics  
**GEOG 200** Geography: The Global Dimension  
**POSC 200** Global Politics  
**SOCI 110** Social Issues in a Global Context

## cluster five: individuals in the human community

### WELLNESS DOMAIN: C5WD (choose one)

**HTH 100** Personal Wellness  
**KIN 100** Lifetime Fitness and Wellness

### SOCIOCULTURAL DOMAIN: C5SD (choose one)

**PSYC 101** General Psychology  
**PSYC 160** Life Span Human Development  
**SOCI 140** Microsociology: The Individual in Society  
**WGSS 200** Introduction to Women's, Gender, and Sexuality Studies

## NOTES & RESOURCES

total number of credits needed in Gen Ed: 41

course descriptions [here](#)

how to: [search for class by Cluster in MyMadison](#)

questions? contact [gened@jmu.edu](mailto:gened@jmu.edu)!