

Rowan University General Education

Effective for all Rowan University Students in Fall 2007 Semester

General Education is designed to fulfill the aim of a liberal education: breadth of knowledge and balance of judgment. Courses in General Education are designed to create an interest in cultural and intellectual activities that will last throughout life.

Students need to understand that a well-rounded education is a goal in itself and that there are important aspects of this education that the university as a whole wants to emphasize. These aspects include a thorough grounding in written and oral communication; an exposure to university level science, mathematics, and literature; and an introduction to art and other cultures and locales.

Broadly speaking, the general education program will:

1. Develop students' abilities to speak and write effectively, think clearly and critically.
2. Develop students' abilities to use computational, quantitative, and problem solving skills, as well as scientific thinking and modes of inquiry.
3. Increase students' understanding of the complexity of issues in humanities, arts, social and behavioral sciences and the practice of free inquiry in their analyses and examination of values.
4. Provide opportunities for students to explore specializations, concentrations, minors, or disciplines outside of their own in greater depth.
5. To help first year students make a smooth academic transition to the university community, serious scholarship, and the life of the mind.
6. Develop students' knowledge of the multi-faceted culture in which we live, contemporary social and cultural milieu, and the global implications of an increasingly interdependent and multicultural world.
7. Have students explore the diverse ways in which human beings have confronted the perennial questions of human existence through various imaginative and discursive literary works.

Because one of the fundamental principles of a general education curriculum is to experience a variety of disciplines, students are required to take courses from five areas. Consistent with this principle, students should take at least two disciplines in any bank requiring two or more courses.

General Education courses must be selected so that the following requirements are satisfied:

I. All students must take the following courses under the communication bank:

- a. College Composition I or Integrated C.C.
- b. College Composition II
- c. Public Speaking (or its equivalent)

II. All students must take at least one course in general education, or in their major, that is labeled as Writing Intensive (WI). The student has to have completed College Composition I and II before enrolling in a course designated as WI.

III. All students must take at least one mathematics course from the list of mathematics courses under Science and Mathematics.

IV. All students must take at least one approved course that includes an in-class laboratory experience under Science and Mathematics. Transfer courses must include the in-class lab experience. Students may not test out of the lab experience (CLEP).

V. All freshmen must take a course designated as Rowan Seminar (RS). RS may be a course required in the major, chosen as part of General Education, or part of a student's choice for free electives. Therefore, depending on where or how it is taken, RS may or may not count towards the total General Education Semester hours.

VI. All students must take at least one course labeled as Multicultural/Global Studies (M/G). This course need not be a general education course or taken as part of the General Education Model.

VII. All students must take at least one broad based literature course that is labeled as Literature (LIT). This course need not be a General Education Course or taken as part of the General Education Model.

VIII. All courses receiving university credit can be used in the Non Program Bank, as long as they are not courses in the major program of the student or restricted by a specific college.

IX. Students must demonstrate competency by passing a computer competency exam or an appropriate basic skills computer competency course by the end of their freshman year. Transfer students must also fulfill this computer competency.

General Education Credit Hour Distribution by Bank

All the semester hours listed below are considered minimum requirements.

| General Education Areas | |
|----------------------------------|-----------|
| Communication | 9-11 |
| Science and Mathematics | 7-10 |
| Social and Behavioral Sciences | 6 |
| History, Humanities & Language | 6 |
| Artistic and Creative Experience | 3 |
| Non-Program Course | 6 |
| Minimum Total* | 42 |

*** Individual programs may expand requirements in the various General Education Banks**

NOTE: Continuing students and incoming transfer students may opt to switch to this new model.

^All of these courses have prerequisites
(H) Honors Program
(LAB) Laboratory Science
(LIT) Broad-based literature course
(M/G) Multicultural/Global
(RS) Rowan Seminar
(WI) Writing Intensive

APPROVED GENERAL EDUCATION COURSES

COMMUNICATION (Written/Spoken)

Communication Studies

CMS06.202^ Public Speaking

Writing Arts

COMP01.111 College Composition I

COMP01.112^ College Composition II

SCIENCE AND MATHEMATICS

Biological Sciences

BIOL01.100 Biology I (LAB)

BIOL01.101^ Biology II (LAB)

BIOL01.110 Human Biology

BIOL01.112 Biology: Environ. Focus (LAB)

BIOL01.113 Biology: Human Focus (LAB)

BIOL01.115 General Biology: Plants & People (LAB)

BIOL10.210 Human Anatomy & Physiology I (LAB)

BIOL20.100 Introduction to Natural Resources

BIOL20.150 Human Ecology: Evolution Approach MG

Chemistry and Biochemistry

CHEM05.102 Chemistry of Everyday Life (LAB)

CHEM06.100 Chemistry I (LAB)

CHEM06.101^ Chemistry II (LAB)

CHEM06.105^ Advanced College Chemistry I (LAB)

CHEM06.106^ Advanced College Chemistry II (LAB)

Computer Science

CS01.102 Introduction to Programming

CS01.104 Introduction to Scientific Programming

CS01.200^ Computing Environments

CS04.103 Computer Science & Programming

CS04.110^ Intro to Programming Using Robots

CS04.140 Enterprise Computing I

Geography

GEOG06.101 Physical Geography

GEOG06.103 Geology I (LAB)

GEOG06.110 Investigations in Physical Geography (LAB)

Health and Exercise Science

INAR06.200 Basic Nutrition

Mathematics

MATH01.115 Contemporary Mathematics

MATH01.122 Pre-calculus Mathematics

MATH01.123 College Algebra

MATH01.130^ Calculus I

MATH01.131 Calculus II

MATH01.201 Structures of Mathematics

MATH01.202 Introduction to Geometry

MATH03.125 Calculus: Techniques & Applications

MATH03.150 Discrete Mathematics

MATH03.160 Discrete Structures

STAT02.100 Elementary Statistics

STAT02.260 Statistics I

INTR05.180 Honors Mathematics (H)

Physics and Astronomy

PHSC01.110 Principles of Physical Science

PHYS02.120 Selected Topics In Physics

PHYS02.140 Physics of Current Technologies (LAB)

PHYS02.150 Physics of Everyday Life (LAB)

PHYS02.175 Physics of Sound & Music (LAB)

PHYS02.200-201^ Physics with Calculus I, II (LAB)

PHYS02.202-203^ Physics non-Calculus I, II (LAB)

ASTR11.120 Introduction to Astronomy (LAB)

ASTR11.231^ M/T in Modern Astronomy (LAB)

ASTR11.241 Astronomy & Astrophysics (LAB)

ASTR11.221 Exploration of the Solar System

ASTR13.101 Meteorology (LAB)

ASTR17.110 Principles of Earth Science

Psychology

PSY01.104 Introduction to Psychology: Brain, Mind and Behavior

Interdisciplinary

INTR01.132 Biology, History & the Fate Human Societies (RS)

INTR01.138 Issues in Sustainable Development (RS)

INTR01.140 Diverse Approaches to Environmental Literature (RS)

INTR01.144 Human Ecology: An Evolutionary Approach (RS)

INTR01.148 Environmental Ethics: Through the Lens of Diversity (RS)

INTR05.185 Honors Natural Sciences (H)

INTR01.200 Issues in Women's Health

SOCIAL and BEHAVIORAL SCIENCES

Communication

CMS01.203^ Mass Media and Influence

CMS01.205^ Mass Media and Influence (WI)

CMS01.220 Intro to Communication Studies

CMS01.300^ Communication Theory

CMS99.462^ Public Opinion

CMS06.205 Persuasion & Social Influence

CMS06.206 Interpersonal Communication

Economics

ECON04.310^ Global Economics

ECON04.100 American Economic System

ECON04.101 Introduction to Economics-Macro

ECON04.102 Introduction to Economics-Micro

Education

FNDS21.230 Characteristics of Knowledge Acquisition

SPED08.130 Human Exceptionality

Geography and Anthropology

GEOG06.100 Intro to Geography & Earth Science (M/G)

GEOG06.102 Cultural Geography (M/G)

GEOG06.111 World Regional Geography (M/G)

GEOG06.193 Intro to Mapping & Geographical Information Science

GEOG06.201 Geography of U.S. and Canada

ANTH02.201 Physical Anthropology

ANTH02.202 Cultural Anthropology (M/G)

ANTH02.203 Introduction to Archaeology (M/G)

ANTH02.210 Natives of South America (M/G)

ANTH02.215^ Medical Anthropology (M/G)

ANTH02.310 Indians of North America (M/G)

ANTH02.312^ Anthropological Perspectives in Physical Growth & Develop (M/G)

ANTH02.350 Comparative Cultures (M/G)

BIOL20.150 Human Ecology: Evolution Approach (M/G)

Health and Exercise Science

INAR05.302 Contemporary American Family

HLTH37.210 Consumer Health Decisions

Law and Justice

LAWJ05.275 Survey of Criminal Justice

LAWJ05.315 Criminal Justice/Social Conflict

LAWJ05.330 Problems in World Justice

Management

MGT06.240 Entrepreneurship and Innovation

Political Science

POSC07.100 Intro to Government Politics (M/G)

POSC07.110 American Government

POSC07.230^ Comparative Political Systems (M/G)

POSC07.231 Contemporary World Problems (M/G)

POSC07.310^ American Constitutional Law

Psychology

PSY01.100 Intro to Psychology: Personal, Social, & Emotional Interactions

PSY09.209 Child Development

PSY09.210 Adolescent Development

Sociology

SOC08.120 Introduction to Sociology

SOC08.320 Sociology of the Family (M/G)

SOC08.221 Social Problems

SOC08.230^ Sociology of Minority Groups (M/G)

SOC08.269 Self and Society

| | | | | | |
|-----------------|--|------------|-------------|--|-----------|
| SOC08.399^ | Sociology of the Holocaust | (M/G WI) | HIST05.377 | African-American History since 1865 | |
| | <u>Interdisciplinary</u> | | HIST05.470 | Issues in American History | |
| INTR01.102 | Intro to the Social Sciences: Self, Society & Power | | HIST05.302 | Sport in History | |
| INTR01.104 | Intro to African American Studies | (M/G) | | <u>Philosophy</u> | |
| INTR01.130 | Women in Perspective | | PHIL09.110 | Logic of Everyday Reasoning | |
| INTR01.132 | Biology, History & The Fate of Human Societies | (RS) | PHIL09.120 | Introduction to Philosophy | (M/G) |
| INTR01.138 | Issues in Sustainable Development | (RS) | PHIL09.121^ | Introduction to Philosophy | (M/G, WI) |
| INTR01.140 | Diverse Approaches to Environmental Lit | (RS) | PHIL09.128 | Philosophy and Gender | (M/G) |
| INTR01.142 | Three Generations of Family Life: Diversity & Democracy Through Family | (RS) | PHIL09.130 | Introduction to Symbolic Logic | |
| INTR01.146 | Identity, Culture, & Democracy: Being An American | (RS) | PHIL09.211 | World Philosophy I | (WI, M/G) |
| INTR01.154 | Emotions in Organizations | (RS) | PHIL09.213 | World Philosophy II | (WI, M/G) |
| INTR01.158 | From Nancy Drew to Lara Croft-Historical & Critical Dimensions of Female Detective Genre | (RS) | PHIL09.220 | Survey of Western Philosophy | (M/G) |
| INTR01.160 | Growing Up Female in 20 th Century America | (RS) | PHIL09.221^ | Survey of Western Philosophy | (M/G, WI) |
| INTR01.162 | The Leadership of Ideas | (RS) | PHIL09.226 | Philosophy of Mind | |
| INTR01.168 | What's Wrong With Normal? | (RS) | PHIL09.227^ | Philosophy of Mind | (WI) |
| INTR01.170 | Law and Order | (RS) | PHIL09.240 | Philosophy and Society | (LIT) |
| INTR01.178 | In Search for Democracy: The Fate of Human Societies | (RS) | PHIL09.241^ | Philosophy and Society | (LIT, WI) |
| INTR01.200 | Issues in Women's Health | | PHIL09.250 | Introduction to Ethics | (LIT) |
| INTR01.265^ | Computers and Society | | PHIL09.251^ | Introduction to Ethics | (LIT, WI) |
| INTR01.266^ | Computers and Society | (WI) | PHIL09.310 | Aesthetics | (LIT) |
| HONR05.190 | Honors Social Sciences | (H) | PHIL09.311^ | Aesthetics | (LIT, WI) |
| | HISTORY, HUMANITIES and LANGUAGE | | PHIL09.329 | Philosophy and Gender | (WI, M/G) |
| | <u>Communication</u> | | PHIL09.341 | Biomedical Ethics | (WI) |
| CMS05.280^ | Semantics | | PHIL09.346 | Feminist Ethics | (WI) |
| CMS05.281^ | Semantics | (WI) | PHIL09.368 | Philosophy of Science | |
| CMS05.380 | Linguistics | | PHIL09.369^ | Philosophy of Science | (WI) |
| | <u>Education</u> | | PHIL09.392 | Contemporary Moral Problems | (M/G) |
| FNDS21.150 | History of American Education | | PHIL09.393^ | Contemporary Moral Problems | (M/G, WI) |
| SECD03.120 | Literacies in Today's World | | | <u>Political Science</u> | |
| | <u>English</u> | | POSC07.200 | Survey of Western Political Theory | |
| ENGL02.105 | Masterpieces of Western Literature I | (LIT) | | <u>Religion</u> | |
| ENGL02.107 | Masterpieces of Western Literature II | (LIT) | REL10.100 | Introduction to Religion | |
| ENGL02.110 | Readings in British Literature | (LIT) | REL10.110 | Introduction to the Bible | (LIT) |
| ENGL02.112 | Readings in Asian Literature | (LIT, M/G) | REL10.200 | Religions of the World | (M/G) |
| ENGL02.113 | Readings in U.S. Literature | (LIT) | REL10.210 | Religion in America | (M/G) |
| ENGL02.116 | Readings in Non Western Literature | (LIT, M/G) | REL10.220 | Introduction to Buddhism | (M/G) |
| ENGL02.123 | Experiencing Literature | (LIT) | REL10.301 | Introduction to Judaism | (M/G) |
| ENGL02.150 | Readings in Shakespeare | (LIT, M/G) | REL10.320 | Introduction to Christianity | (M/G) |
| ENGL02.216 | African American Lit Through Harlem Renaissance | (M/G) | REL10.330 | Introduction to Daoism | (M/G) |
| ENGL02.217 | U.S. Literature of Latino and Hispanic Peoples | (LIT, M/G) | REL10.230 | Religions of Asia | (M/G) |
| ENGL02.316 | African American Lit Since Harlem Renaissance | (WI) | | <u>Secondary Education and Education Foundations</u> | |
| | <u>Foreign Languages and Literature</u> | | FNDS21.150 | History of American Education | |
| FREN02.101,102 | Elementary French I, II | | | <u>Theatre and Dance</u> | |
| FREN02.201,211^ | Intermediate French I, II | | THD07.339 | History of Theatre to 1700 | |
| GERM03.101,102 | Elementary German I, II | | THD07.340 | History of Theatre from 1700-1956 | |
| GERM03.201,211^ | Intermediate German I, II | | THD07.440 | Contemporary World Theatre | (WI, LIT) |
| ITAL04.101,102 | Elementary Italian I, II | | | <u>Interdisciplinary</u> | |
| SPAN05.101,102 | Spanish I, II | | INTR01.101 | Intro to Humanities | |
| SPAN05.201^ | Spanish III | | INTR01.120 | Biology, History & Human Societies | (M/G) |
| SPAN05.211 | Spanish Reading & Conversation | | INTR01.132 | Biology, History & the Fate Human Societies | (RS) |
| SPAN05.212^ | Spanish Reading & Composition | | INTR01.134 | Readings in American Democracy | (RS) |
| SPAN05.312^ | Spanish for Business | | INTR01.136 | Gateway to Asia | (RS) |
| RUSS06.101,102 | Elementary Russian I, II | | INTR01.140 | Diverse Approaches to Environmental Literature | (RS) |
| RUSS06.345 | Russian Literature in Translation | | INTR01.148 | Environmental Ethics: Through the Lens of Diversity | (RS) |
| CHIN07.101,102 | Elementary Chinese I, II | | INTR01.150 | Language, Rhetoric & Propaganda: The Weapons of the Cold War | (RS) |
| CHIN07.201,211^ | Intermediate Chinese I, II | | INTR01.156 | Freedom & Artistic Expression-20 th Century America | (RS) |
| LAT09.101,102 | Elementary Latin I, II | | INTR01.158 | From Nancy Drew to Lara Croft-Historical & Critical Dimensions of Female Detective Genre | (RS) |
| AFRI16.101,102 | Zulu I, II | | INTR01.160 | Growing Up Female in 20 th Century America | (RS) |
| | <u>History</u> | | INTR01.164 | Science Fiction as a Gateway to Human Diversity | (RS) |
| HIST05.100 | Western Civilization to 1660 | | INTR01.172 | Songs of Praise/Protest | (RS) |
| HIST05.101 | Western Civilization since 1660 | | INTR01.174 | Ethics and the Professions | |
| HIST05.120 | World History since 1500 | (M/G) | INTR01.178 | In Search of Democracy: The Quest for Civil Liberties | (RS) |
| HIST05.150 | U.S. History to 1865 | | HONR05.105 | Honors Humanities | (H) |
| HIST05.151 | U.S. History since 1865 | | | ARTISTIC and CREATIVE EXPERIENCES | |
| HIST05.376 | African-American History to 1865 | | | <u>Art</u> | |
| | | | INAR39.330 | General Photography | |
| | | | ARHS03.100 | Introduction to Visual Arts | |

ART02.300 Workshop in Art
 ARHS03.130 Art Appreciation
 ARHS03.210 History of American Art
 ARHS03.220 Modern Art
 ART09.110 Experiencing Art

Music

MUS04.118 Music Fundamentals

MUS04.127-428 Ensembles I-VIII (1 sh): Choral Union, String Ensemble, Wind Ensemble, College Band, Chamber Choir, Concert Choir, Opera Workshop, Percussion Ensemble, Contemporary Music Ensemble, Guitar Ensemble, Orchestra, (LAB) Band

MUSG06.102 General Music History
 MUSG06.109 Music Appreciation
 MUSG06.115 Growth & Development of Jazz (M/G)
 MUSG06.117 Expressing Music
 MUSG06.214 Musical Styles and Forms I
 MUSG06.215 Musical Styles and Forms II
 MUSG06.335 Musical Styles and Forms III
 MUSG06.447 Music in World Cultures: Asia & Oceania (M/G)
 MUSG06.448 Music in World Cultures: Africa India, Near & Middle East (M/G)

Theatre and Dance

THD07.130 Living Theatre
 THD07.135 Oral Interpretation of Literature
 THD07.195 Exploring Social Issues Through Theatre
 THD07.215 Experiencing Acting
 THD07.301 African, African-American Theatre: Intercultural Definitions
 THD07.339 History of Theatre to 1700
 THD07.340 History of Theatre from 1700-1956
 THD07.440 Contemporary World Theatre (LIT, WI)
 THD08.135 Elements of Dance
 THD08.146 World Dance Forms (M/G)
 THD08.202 Tap I
 THD08.236 Modern Dance I
 THD08.246 Ballet I
 THD08.256 Jazz Dance I
 THD08.311 African Influences in American Dance (M/G)
 THD08.315^ Creative Dance for Children
 THD08.436^ Dance History

Radio/TV/Film

RTF10.270-271^ Film History & Appreciation I, II
 RTF10.373 Communication Tech. in Film

Interdisciplinary

INTR01.152 Beyond Face Value: Critical Analysis of Texts and Images (RS)
 INTR01.166 Rhetoric of Music (RS)
 INTR01.172 Songs of Praise/Protest (RS)
 INTR01.176 Historical Aesthetics of Suffering (RS)

NOTE: Courses listed above with (WI) or (M/G) fulfill the Writing Intensive or Multicultural/Global requirement in addition to the general education bank requirement.