

ACADEMIC RHODE MAP

EXPLORING SCIENCE/MATH SCIENCES



RHODE ISLAND COLLEGE

For possible majors in Biology, Chemistry, Computer Science, Mathematics, or Physics

Courses with (WID) are Writing in the Discipline courses and will be writing intensive.
 Courses with an asterisk * have prerequisites.

Office of Academic Support (OASIS) 401-456-8083

This map is a semester-by-semester guide toward choosing a major. It is designed primarily for freshmen coming to college for the first time who are still exploring their academic options. As soon as you decide on a major, you need no longer follow this Map. Contact the chair/director of your chosen department/program to declare the major and schedule an advising appointment. You will then be assigned a faculty advisor within that department/program.

This map is not your only route; it is a suggestion. The column to the left suggests the ideal courses for each semester, which are designed to help you to graduate in four years. Such a timeline depends on how many courses you can take, how you perform in those courses, and what workload you feel you can handle. Sometimes those courses may be full or unavailable during the semester you plan to take them, in which case consider switching with another course from a different semester.

SEMESTER 1	CR	SEMESTER 1 CHECKPOINTS ✓
First Year Writing (FYW 100 or FYW 100P) [minimum grade C, or B for education programs] or First Year Seminar (FYS 100). There are also Honors options.	4-6	<input type="checkbox"/> FYW 100P is a 6 credit option. To decide which FYW to take, please see the Directed Self-Placement questionnaire at https://ric.co1.qualtrics.com/jfe/form/SV_b1QqYuEN9Ge14ih <input type="checkbox"/> For more information: www.ric.edu/firstyearwriting
RIC 100 Introduction to Rhode Island College	1	<input type="checkbox"/> Exempt if taking COLL 101, COLL 150, or HONR 150
Gen Ed--Second Lang 101 (based on placement, a course higher than 101 may be taken). If language requirement already satisfied: take a Gen Ed Distribution.	4	<input type="checkbox"/> Optional Language placement test with Dept. of Modern Languages Second Language options are: American Sign, Arabic, French, German, Italian, Japanese, Korean (MLAN 150/151), Latin, Portuguese, or Spanish. For other ways to satisfy the second language requirement see Gen Ed website.
Gen Ed Natural Science (NS)*	4	<input type="checkbox"/> These all have completed college mathematics competency or appropriate score on the mathematics placement exam as prereq.
Gen Ed Math (M): MATH 120*, MATH 209*, or MATH 240* for Biology; MATH 120*, MATH 209*, or MATH 212* for others.	4	<input type="checkbox"/> Take Mathematics placement exam to determine placement: visit: http://www.ric.edu/orientation/Pages/Math-Placement.aspx <input type="checkbox"/> MATH 212 has prereq. of MATH 209 (which has a prereq. of MATH 120)
		<input type="checkbox"/> Aim for 16 earned credits (While 12 is fulltime, 16 credits are preferred to stay on track to graduate in 4 years) <input type="checkbox"/> Math competency completed <input type="checkbox"/> Minimum 2.0 GPA <input type="checkbox"/> E-mail Career Development Center careerdevelopment@ric.edu to get your password to take Type Focus, an online career assessment and exploration tool.
Requirements and GPA		
# CREDITS EARNED	17-19	<input type="checkbox"/> In Sept. make advising appointment with OASIS

SEMESTER 2	CR	SEMESTER 2 CHECKPOINTS ✓
FYW 100 or FYW 100P, or FYS 100	4-6	<input type="checkbox"/> Completed both FYS and FYW, for FYW, grade C or better
Gen Ed from a different area of Natural Science (N) Or CSCI 157: Introduction to Algorithmic Reasoning	4	
Gen Ed--Second Lang 101 or 102, or other Gen Ed Distribution course	4	<input type="checkbox"/> Complete Second Lang 101 (if needed)
MATH 209* or MATH 240* if leaning toward Biology MATH 209* or MATH 212* for others, or other needed Gen Ed.	4	<input type="checkbox"/> Prerequisites for MATH 209 and 240 are MATH 120 <input type="checkbox"/> MATH 209 is the prerequisite for MATH 212
Requirements and GPA		<input type="checkbox"/> Aim for minimum of 30 earned credits <input type="checkbox"/> Minimum 2.0 GPA
# CREDITS EARNED	16-18	<input type="checkbox"/> In Feb. make advising appointment with OASIS

SEMESTER 3	CR	SEMESTER 3 CHECKPOINTS ✓
Introductory course in possible major	3-4	<input type="checkbox"/> Check the program's Rhode Map for best choice: http://www.ric.edu/academics/Pages/Majors_Programs.aspx
Gen Ed--Second Lang 102, or other Gen Ed course from Social and Behavioral Sciences (SB)	4	<input type="checkbox"/> Complete Second Lang 102 (if needed)
Gen Ed from Social and Behavioral Sciences (SB), or one from Arts (A); History (H); or Literature (L);	4	
Gen Ed from Advanced Quantitative/Scientific Reasoning (AQSR)*	4	<input type="checkbox"/> See Catalog for list

Requirements and GPA		<input type="checkbox"/> Declare your major (Students are required to declare a major before earning 45 credits). <input type="checkbox"/> Language requirement completed <input type="checkbox"/> Aim for minimum of 45 earned credits <input type="checkbox"/> Minimum of 2.0 GPA
# CREDITS EARNED	15-16	<input type="checkbox"/> In Sept. make appointment with major advisor to discuss your schedule for next semester

A complete listing of General Education courses can be found at the OASIS office, or online at <http://www.ric.edu/recordsoffice/Pages/College-Catalog.aspx>; look at catalog for year you enrolled. These lists are partial and contain those courses recommended for the majors you are exploring.

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Gen Ed Arts—Visual and Performing (A)

ART 101 Drawing I: General Drawing
ART 104 Design I: Two-Dimensional Design
ART 210 Nurturing Artistic and Musical Development
ART 231 Prehistoric to Renaissance Art (WID)
ART 232 Renaissance to Contemporary Art (WID)
COMM 241 Introduction to Cinema and Video
COMM 244 Digital Media Lab
DANC 215 Contemporary Dance and Culture (WID)
ENGL 113 Approaches to Drama: Page to Stage
FILM 116 Approaches to Film and Film Criticism
MUS 167 Music Cultures of Non-Western Worlds
MUS 201 Survey of Music
MUS 203 Elementary Music Theory
MUS 223 American Popular Music
MUS 225 History of Jazz
PHIL 230 Aesthetics
THTR 240 Appreciation and Enjoyment of the Theatre
THTR 242 Acting for Nonmajors (Su)

Gen Ed. Social and Behavioral Sciences (SB)

AFRI 200 Introduction to Africana Studies
ANTH 101 Introduction to Cultural Anthropology
ANTH 102 Introduction to Archaeology
ANTH 104 Introduction to Anthropological Linguistics (F)
CEP 215 Introduction to Educational Psychology
COMM 240 Mass Media and Society
ECON 200 Introduction to Economics
GEND 200 Gender and Society (WID)
GEOG 100 Introduction to Environmental Studies
GEOG 101 Introduction to Geography
GEOG 200 World Regional Geography (WID)
GEOG 206 Disaster Management
POL 202 American Government
POL 203 Global Politics
POL 204 Introduction to Political Thought
PSYC 110 Introduction to Psychology
PSYC 215 Social Psychology
SOC 200 Introduction to Sociology
SOC 202 The Family
SOC 204 Urban Sociology
SOC 207 Crime and Criminal Justice
SOC 208 Minority Group Relations
SOC 217 Sociology of Aging

Gen Ed. Literature (L)

ENGL 120 Studies in Literature and Identity
ENGL 121 Studies in Literature and Nation
ENGL 122 Studies in Literature and the Canon
ENGL 123 Studies in Literature and Genre
FREN 115 Literature of the French Speaking World*
ITAL 115 Literature of Italy*
PORT 115 Literature of the Portuguese Speaking World*
SPAN 115 Literature of the Spanish Speaking World*

Gen Ed. Natural Science (NS)

BIOL 100 Fundamental Concepts of Biology *
BIOL 108 Basic Principles of Biology*
BIOL 111 Introductory Biology I*
BIOL 112 Introductory Biology II*
CHEM 103 General Chemistry I*
CHEM 105 General, Organic and Biological Chemistry I*
PSCI 103 Physical Science*
PSCI 212 Introduction to Geology*
PSCI 217 Introduction to Oceanography (Sp)*
PHYS 101 Physics for Science and Mathematics I*
PHYS 110 Introductory Physics*

Gen Ed. Mathematics (M)

MATH 139 Contemporary Topics in Mathematics
MATH 177 Quantitative Business Analysis I
*MATH 209 Precalculus Mathematics
*MATH 212 Calculus I
*MATH 240 Statistical Mathematics
Note: Completion of the Mathematics category of General Education does not satisfy the College Mathematics Competency

Gen Ed. History (H)

HIST 101 Multiple Voices: Africa and the World
HIST 102 Multiple Voices: Asia and the World
HIST 103 Multiple Voices: Europe in the World to 1600
HIST 104 Multiple Voices: Europe in the World Since 1600
HIST 105 Multiple Voices: Latin America in the World
HIST 106 Multiple Voices: Muslim People in the World
HIST 107 Multiple Voices: The United States in the World
HIST 108 History of Science and Medicine

There is also a Gen Ed. Advanced Quantitative/Scientific Reasoning (AQSR) distribution category that has many options: see the catalog.