

 **ACADEMIC RHODE MAP**

 **EXPLORING SCIENCE/MATH SCIENCES**

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

Courses with an asterisk \* have prerequisites.

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.

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| --- | --- | --- | --- |
| ***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  |  | * 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>
* For more information: [www.ric.edu/firstyearwriting](http://www.ric.edu/firstyearwriting/Pages/default.aspx)
 |
| RIC 100 Introduction to Rhode Island College | 1 |  | * 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 |  | * 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 |  | * 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 |  | * Take Mathematics placement exam to determine placement: visit: <http://www.ric.edu/orientation/Pages/Math-Placement.aspx>
* MATH 212 has prereq. of MATH 209 (which has a prereq. of MATH 120)
 |
| Requirements and GPA |  |  | * Aim for 16 earned credits (While 12 is fulltime, 16 credits are preferred to stay on track to graduate in 4 years)
* Math competency completed
* Minimum 2.0 GPA
* **E-mail Career Development Center** **careerdevelopment @ric.edu** **to get your password to take Type Focus, an online career assessment and exploration tool.**
 |
| # CREDITS EARNED | 17-19 |  | * In Sept. make advising appointment with OASIS
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| --- | --- | --- | --- |
| ***SEMESTER 2*** | CR |  | ***SEMESTER 2 CHECKPOINTS *** |
| FYW 100 or FYW 100P, or FYS 100 |  4-6 |  | * 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 |  | * Complete Second Lang 101 (if needed)
 |
| MATH 209\* or MATH 240\* if leaning toward BiologyMATH 209\* or MATH 212\* for others, or other needed Gen Ed. | 4 |  | * Prerequisites for MATH 209 and 240 are MATH 120
* MATH 209 is the prerequisite for MATH 212
 |
|  |  |  |  |
| Requirements and GPA |  |  | * Aim for minimum of 30 earned credits
* Minimum 2.0 GPA
 |
| # CREDITS EARNED | 16-18 |  | * In Feb. make advising appointment with OASIS
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|  |  |  |  |
| --- | --- | --- | --- |
| ***SEMESTER 3*** | CR |  | ***SEMESTER 3 CHECKPOINTS *** |
| Introductory course in possible major | 3-4 |  | * 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 |  | * 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 |  | * See Catalog for list
 |
| Requirements and GPA |  |  | * Declare your major (Students are required to declare a major before earning 45 credits).
* Language requirement completed
* Aim for minimum of 45 earned credits
* Minimum of 2.0 GPA
 |
| # CREDITS EARNED | 15-16 |  | * In Sept. make appointment with major advisor to discuss your schedule for next semester
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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. Revised 6/1/2020

**Gen Ed. Literature (L)**

Top of Form

Bottom of Form

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\*

HIST 106 Multiple Voices: Muslim People in the World

HIST 107 Multiple Voices: The United States in the World

**Gen Ed. Natural Science (NS)**

Top of Form

Bottom of Form

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\*

HIST 107 Multiple Voices: The United States in the World

**Gen Ed. Mathematics (M)**

Top of Form

Bottom of Form

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

HIST 107 Multiple Voices: The United States in the World

**Gen Ed. History (H)**

Top of Form

Bottom of Form

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

HIST 106 Multiple Voices: Muslim People in the World

HIST 107 Multiple Voices: The United States in the World

**Gen Ed. Social and Behavioral Sciences (SB)**

Top of Form

Bottom of Form

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 Arts—Visual and Performing (A)**

Top of Form

Bottom of Form

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)

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