# General Information - Undergraduate

## Degree Programs - Undergraduate

### Bachelor of Arts (B.A.)

The B.A. is offered in the following areas:

* + - Africana Studies (p. 70)
		- Anthropology (p. 71)
		- Art (Studio) (p. 72) *with* *concentrations in*
		- Ceramics
		- Digital Media
		- Graphic Design
		- Metalsmithing and Jewelry
		- Painting
		- Photography
		- Printmaking
		- Sculpture
		- Art History (p. 73)
		- Chemistry (p. 82)
		- Communication (p. 85) *with concentrations in*
		- Journalism
		- Mass Media Communication
		- Public and Professional Communication
		- Public Relations/Advertising
		- Speech, Language, and Hearing Science
		- Computer Science (p. 87)
		- Dance Performance (p. 89)
		- Economics (p. 182)
		- Elementary Education (p. 149) *with content majors in*
		- English
		- General Science
		- Mathematics
		- Multidisciplinary Studies
		- Social Studies
		- English (p. 90)
		- English (p. 90) *with concentration in*
		- Creative Writing
		- Environmental Studies (p. 92)
		- Film Studies (p. 95)
		- Gender and Women’s Studies (p. 96)
		- Geography (p. 97)
		- Global Studies (p. 99)
		- History (p. 103)
		- History (p. 103) *with concentration in*
		- Public History
		- Justice Studies (p. 106)
		- Liberal Studies (p. 110)
		- Mathematics (p. 111)
		- Modern Languages (p. 114) *with concentrations in*
		- Francophone Studies
		- French
		- Latin American Studies
		- Portuguese
		- Spanish
		- Music (p. 118)
		- Philosophy (p. 123)
		- Political Science (p. 126)
		- Psychology (p. 129)
		- Public Administration (p. 131)
		- Secondary Education (p. 160) *with majors in*
		- Biology
		- Chemistry
		- English
		- General Science
		- History
		- Mathematics
		- Physics (not currently accepting students, please contact department chair)
		- Social Studies *with concentrations in*
* Anthropology
* Geography
* Global Studies
* Political Science
* Sociology
	+ - Sociology (p. 132)
		- Theatre (p. 133) *with concentrations in*
		- Design/Technical
		- General Theatre
		- Musical Theatre
		- Performance
		- World Languages Education (p. 172) *with concentrations in*
		- French
		- Portuguese
		- Spanish
		- Youth Development (p. 176)

Minors are available in *all* of the full-degree programs above, except elementary education, , youth development and public administration. Minors are also offered in behavioral neuroscience, creative writing, Francophone studies, French, gerontology, international nongovernmental organizations studies, Italian, jazz studies, labor studies, Latin American studies, Portuguese, public history, rhetoric and writing and Spanish.

degree program is made during the first semester of the student’s junior year.

## Special Programs - Undergraduate

### Assessment of Prior Learning

Rhode Island College makes every effort to acknowledge college-level learning that has taken place outside of formal college classrooms.

The college has instituted a procedure for granting undergraduate credit for prior college-level learning achieved through experience, such as employer-sponsored or armed service-sponsored training, community service, self-education, relevant work assignments or artistic development. Limited credit will be granted only for documented learning that is clearly germane to the student’s degree program, not for experience per se. The basis for granting credit will be a portfolio of documentation prepared by the student with the guidance of the college.

The college accepts the results of the College-Level Examination Program (CLEP) and armed services testing programs (DANTES) and makes use of the guide prepared by the American Council on Education (ACE) and other sources that contain evaluations of a wide variety of training opportunities sponsored by the armed services, business, industry and labor communities.

Returning adult students, especially those who have been in the armed services, who have participated in apprenticeship or other extensive training programs, or who have held positions of responsibility, are encouraged to apply for assessment of their prior learning. Applications are available in the offices of the academic deans.

### Certificate of Undergraduate Study (C.U.S.)

Certificate programs of undergraduate study are offered in the following areas:

• Biology Education

* + - Chemistry Education
		- College and Career Attainment (p. 52)
		- General Science Education

• Gerontology (p. 52)

• International Nongovernmental Organizations Studies (p. 52)

• Long-Term Care Administration (p. 53)

• Nonprofit Studies (p. 53)

* Physics Education

• Public History (p. 53)

• Social and Human Service Assistance (p. 53)

### Continuing Education

Rhode Island College offers a wide range of continuing education options in cooperation with campus and community partners. Programs serve adult students; children, families and community members; working professionals in the private and public sectors and candidates for undergraduate and graduate CE degrees and certificates.

Workforce development programs are available through Outreach Programs and the Office of Professional Studies and Continuing Education offers credit and non-credit academic and enrichment courses and programs.

The continuing education offices provide partners with assistance to develop and deliver programs and with identifying college resources that support personal enrichment and professional development activities. Rhode Island College has a long history of providing such assistance to business and industry and of assisting public and private schools and agencies. For more information, contact the director of professional studies and continuing education.

For returning adult students, a schedule of college course offerings, which includes information on registration and fees, is available online at www.ric.edu. For formal admission to an undergraduate program and for information on possible transfer credit, applicants should contact the Office of Undergraduate Admissions. Applicants interested in pursuing graduate work should contact the appropriate dean. Individuals with teacher certification questions or those seeking to complete professional teaching requirements should contact the dean of the Feinstein School of Education and Human Development.

### Endorsement in English as a Second Language

Refer to Teaching English as a Second Language (p. 171).

### Endorsement in Middle School Education (Elementary and Secondary)

Refer to Elementary Education Middle School Endorsement (p. 153) and Secondary Education Middle School Endorsement (p. 164).

### National Student Exchange Program

The National Student Exchange Program enables undergraduate students to study for up to one academic year at one of up to 200 colleges or universities in another part of the United States. In addition to the academic opportunities made possible by studying on another campus, the program offers social and cultural experiences to further self-exploration and the enrichment of educational objectives.

In order to qualify for participation, a student should (1) be a full-time student at Rhode Island College, (2) be in their sophomore or junior year during the exchange, and (3) have a minimum cumulative GPA of 2.5 at the time their application is submitted.

### ROTC

Participation in the Army Reserve Officer’s Training Corps (ROTC) program is available to Rhode Island College students through the ROTC program at Providence College. For more information and a complete program description, contact the program director at Providence College, (401) 865-2471.

### Specialization in Adapted Physical Education

See Physical Education (p. 157).

### Student-Designed Majors

Students may develop individualized majors to accommodate special needs and interests. These majors may focus on an area of study not covered in regular departmental offerings or may be interdisciplinary in nature. Student-designed majors are open to undergraduate degree candidates who have earned at least 40 credit hours and who have a minimum cumulative grade point average of 2.50. Proposals from students with more than 75 credit hours are normally not accepted. A

# General Information - Graduate

## Degree Programs - Graduate

### Certificate of Advanced Graduate Study (C.A.G.S.)

The C.A.G.S. is a degree program consisting of a minimum of 24-post master’s credit hours that prepare candidates for positions and competencies in education and related fields for which the master’s degree is not sufficient. The C.A.G.S. is offered in the following areas:

* Individualized Certificate of Advanced Graduate Study (p. 49)
* School Psychology (p. 159)

### Doctor of Nursing Practice (D.N.P.)

The D.N.P. degree is designed to prepare advanced practice nurses as leaders, clinical scholars and experts with the knowledge, skills and attitudes needed to negotiate and influence the healthcare system to improve health outcomes of individuals, systems and populations.

### Master of Arts (M.A.)

The M.A. degree is offered in the following areas:

* Art *with concentrations in*
* Art Education
* Media Studies
* Biology
* Counseling *with concentration in:*
* School Counseling *(Not currently accepting applications.)*
* English
* English *with* *concentrations*  *in*
* Creative Writing
* History
* Justice Studies
* Individualized Master of Arts
* Mathematical Studies *with concentrations in*
* Mathematics
* Mathematics for the Professions
* Psychology

### Master of Arts in Teaching (M.A.T.)

The M.A.T. degree is offered in the following areas:

* Art Education (p. 78)
* Elementary Education (p. 153)
* Music Education (p. 121)
* Secondary Education (p. 165) *with teaching concentrations in*
* English
* History *(This program is undergoing redesign and is not accepting applications at this time.)*
* Mathematics
* Pedagogy *(This program is undergoing redesign and is not accepting applications at this time.)*
* World Languages Education (p. 174) *with teaching concentrations in*
* French
* Pedagogy *(This program is undergoing redesign and is not accepting applications at this time.)*
* Portuguese

# Undergraduate and Graduate Certificate Programs

Certificate of Undergraduate Study Programs

|  |  |
| --- | --- |
| **Area of Study**  | **Certificate**  |
| **Biology Education** | C.U.S. |
| College and Career Attainment (p. 52) | C.U.S. |
| Chemistry Education | C.U.S. |
| General Science Education | C.U.S. |
| Gerontology (p. 52) | C.U.S. |
| International Nongovernmental Organizations Studies (p. 52) | C.U.S. |
| Long Term Care Administration  (p. 53) | C.U.S.  |
| Nonprofit Studies (p. 53) | C.U.S. |
| Physics Education | C.U.S. |
| Public History (p. 53) | C.U.S. |
| Social and Human Service Assistance  (p. 53) | C.U.S.  |

Certificate of Graduate Study Programs

|  |  |
| --- | --- |
| **Area of Study**  | **Certificate** |
| Advanced Counseling (p. 54) | C.G.S. |
| Advanced Study of Creative Writing (p. 54) | C.G.S. |
| Advanced Study of Literature (p. 54) | C.G.S. |
| Autism Education (p. 54) | C.G.S. |
| Child and Adolescent Trauma  (p. 55) | C.G.S. |
| Financial Planning (p. 55) | C.G.S. |
| Healthcare Quality and Patient Safety (p. 56)  | C.G.S. |
| Historical Studies  (p. 56) | C.G.S. |
| Integrated Behavioral Health  (p. 56) | C.G.S. |
| Mathematics Content Specialist: Elementary (p. 57) | C.G.S. |
| Middle Level Education (p. 57) | C.G.S. |
| Modern Biological Sciences (p. 57) | C.G.S. |
| Nonprofit Leadership  (p. 57) | C.G.S. |
| Nursing Care Management (p. 58) | C.G.S. |
| Physical Education (p. 58) | C.G.S. |
| Public History (p. 58) | C.G.S. |
| RIC/TFA Elementary Education (p. 55) | C.G.S. |
| RIC/TFA Secondary Education (p. 59) | C.G.S. |
| Severe Intellectual Disabilities (p. 59) | C.G.S. |
| Teaching English as a Second Language (p. 59) | C.G.S. |

## Certificate of Undergraduate Study

Biology education C.U.S.

Admission requirements

The certificate in Biology Education is designed for education majors and certified teachers who are looking to add biology to the areas in which they are certified. Certification also requires passing the Praxis II test in Biology as according to the Rhode Island Department of Education. Admissions requirements are either of the following:

1. Admission to the Feinstein School of Education and Human Development

-OR-

1. A completed application form accompanied by a $50 non-refundable application fee

2. College transcripts

3. A current valid secondary teaching certificate (grades 7-12)

Retention requirements

Maintain a 2.5 GPA in all science classes

Course requirements

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 111 | Introductory Biology I | F, Sp, Su | 4 |
| BIOL 112 | Introductory Biology II | F, Sp, Su | 4 |
| BIOL 213 | Introductory Physiology of Plants and Animals | Sp | 4 |
| BIOL 221 | Genetics | F | 4 |
| BIOL 318 | Ecology | F | 4 |
| ONE COURSE from: |  |  |  |
| BIOL 320 | Cell and Molecular Biology (prerequisite: CHEM 205) | Sp | 4 |
| BIOL 321 | Invertebrate Zoology | As needed | 4 |
| BIOL 324 | Vertebrate Zoology | As needed | 4 |
| BIOL 335 | Human Physiology | F, Sp, Su | 4 |
| BIOL 348 | Microbiology | F, Sp, Su | 4 |
| BIOL 353 | The Plant Kingdom | As needed | 4 |

Total credits: 24

Note: Successful completion of the Praxis II Biology test to get the certification along with the certificate.

Chemistry education C.U.S.

Admission requirements

The certificate in Chemistry Education is designed for education majors and certified teachers who are looking to add chemistry to the areas in which they are certified. Certification also requires passing the Praxis II test in Chemistry as according to the Rhode Island Department of Education. Admissions requirements are either of the following:

1. Admission to the Feinstein School of Education and Human Development

-OR-

1. A completed application form accompanied by a $50 non-refundable application fee

2. College transcripts

3. A current valid secondary teaching certificate (grades 7-12)

Retention requirements

Maintain a 2.5 GPA in all science classes

Course requirements

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 103 | Introductory Chemistry I | F, Sp, Su | 4 |
| CHEM 104 | Introductory Chemistry II | F, Sp, Su | 4 |
| CHEM 205 | Organic Chemistry I | F, Sp | 4 |
| CHEM 206 | Organic Chemistry II | Sp, Su | 4 |
| TWO COURSES from: |  |  |  |
| CHEM 310 | Biochemistry | F | 4 |
| CHEM 403 | Inorganic Chemistry and CHEM 413, Inorganic Chemistry Lab | F | 4 |
| CHEM 404 | Analytical Chemistry  | Sp (even years) | 4 |
|  |  |  |  |
| CHEM 405 CHEM 407 | Physical Chemistry I -And-Physical Chemistry Laboratory I | F | 4 |
|  |  |  |  |
| CHEM 412CHEM 413 | Inorganic Chemistry II -And-Inorganic Chemistry Lab | Sp | 3 |
| CHEM 416 | Environmental Analytical Chemistry | Sp (odd years) | 4 |
| CHEM 418 | Marine Environmental Chemistry | Sp (even years) | 4 |
| CHEM 425 | Advanced Organic Chemistry | F (odd years) | 4 |
| CHEM 435 | Pharmacology and Toxicology | As needed | 3 |

Total credits: 22-24

Note: The combination of CHEM 405 and CEM 407 or CHEM 412 and CHEM 413 count as ONE course among these electives. Also CHEM 405 may have additional MAT prerequisites.

Note: Successful completion of the Praxis II Chemistry test to get the certification along with the certificate.

College and Career Attainment C.U.S.

Admission Requirements

The Certificate in College and Career Attainment is designed for students with Intellectual Disability who require additional support to benefit from academic, social and vocational experiences to gain full membership in classes, college experiences, and work. Admissions requirements are:

1. A completed application form accompanied by a $50 nonrefundable application fee.

2. High school transcript reflecting completion of four years of high school, high school diploma or an alternative diploma such as a certificate of completion or a GED.

3. Documentation of intellectual disability by a school or professional personnel.

4. A positive Letter of Recommendation from a teacher or other individual who is familiar with the applicant’s strengths in academic, extracurricular and community experiences

5. A positive Letter of Recommendation from a community member who is familiar with the applicant’s strengths in experiences outside of school.

6. Personal Statement Questionnaire that conveys the applicant’s strong interest in the program, and clearly documents strengths and areas of need.

7. Interview by the Certificate of Community and Vocational Studies Admission team (RIC faculty and Sherlock Center staff) if applicant meets admission standards.

Retention Requirement

1. Obtain a passing grade (using either the graded or CR/NC grading system) in all required courses.

2. Acceptable attendance in courses.

3. Acceptable attendance in internship.

4. Demonstrate behavior consistent with RIC’s Student Code of Conduct as described in the Student Handbook.

Failure to meet any one of the above requirements is sufficient cause for dismissal from the certificate program.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| DIS 100 | Self-Advocacy and Beyond | 2 | Su |
| DIS 101 | Introduction to Vocational Exploration | 3 | F |
| DIS 102 | Campus Vocational Experience I | 3 | Sp |
| DIS 201 | Campus/Community Vocational Experience II | 3 | F |
| DIS 202 | Community Vocational Internship | 4 | Sp |

FOUR COURSES from

|  |  |  |  |
| --- | --- | --- | --- |
| COLL 125 | College Learning Strategies | 3 | F, Sp |
| FYW 010 | College Writing Strategies |  | F, Sp, Su |
|  |   |  |  |
| FYW 100 | Introduction to Academic Writing | 4 | F, Sp, Su |
|  | -Or- |  |  |
| FYW 100P | Introduction to Academic Writing PLUS | 6 | F, Sp |
|  |   |  |  |
|  | ONE COURSE in the area of Math, Natural Science, History, Arts, Social/Behavioral Sciences or Literature | 3-4 |  |
|  | ONE ELECTIVE of student interest | 1-4 |  |

Note: One of the four chosen courses must be taken CR/NC or graded. The remaining three courses may be taken CR/NC, graded or audit.

Total Credit Hours: 16-32

General science education C.U.S.

Admission requirements

The certificate in General Science Education is designed for education majors and certified teachers who are looking to add general science to the areas in which they are certified. Certification also requires passing the Praxis II test in General Science as according to the Rhode Island Department of Education. Admissions requirements are either of the following:

1. Admission to the Feinstein School of Education and Human Development

-OR-

1. A completed application form accompanied by a $50 non-refundable application fee

2. College transcripts

3. A current valid secondary teaching certificate (grades 7-12)

Retention Requirements

Maintain a 2.5 GPA in all science classes

If have Biology Certification, must take:

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 103 | Introductory Chemistry I | F, Sp, Su | 4 |
| CHEM 104 | Introductory Chemistry II | F, Sp, Su | 4 |
| PHYS 101 | Physics for Science and Mathematics I | F, Sp, Su | 4 |
| PHYS 102 | Physics for Science and Mathematics II | F, Sp, Su | 4 |
| CHOOSE TWO from: |  |  |  |
|  PSCI 211 | Introduction to Astronomy | F, Sp | 4 |
|  PSCI 212 | Introduction to Geology | F, Su | 4 |
|  PSCI 214 | Introduction to Meteorology | F | 4 |
|  PSCI 217 | Introduction to Oceanography | Sp | 4 |

If have Chemistry Certification, must take:

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 111 | Introductory Biology I | F, Sp, Su | 4 |
| BIOL 112 | Introductory Biology II | F, Sp, Su | 4 |
| PHYS 101 | Physics for Science and Mathematics I | F, Sp, Su | 4 |
| PHYS 102 | Physics for Science and Mathematics II | F, Sp, Su | 4 |
| CHOOSE TWO from: |  |  |  |
|  PSCI 211 | Introduction to Astronomy | F, Sp | 4 |
|  PSCI 212 | Introduction to Geology | F, Su | 4 |
|  PSCI 214 | Introduction to Meteorology | F | 4 |
|  PSCI 217 | Introduction to Oceanography | Sp | 4 |

If have Earth/Space Certification, must take:

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 111 | Introductory Biology I | F, Sp, Su | 4 |
| BIOL 112 | Introductory Biology II | F, Sp, Su | 4 |
| CHEM 103 | Introductory Chemistry I | F, Sp, Su | 4 |
| CHEM 104 | Introductory Chemistry II | F, Sp, Su | 4 |
| PHYS 101 | Physics for Science and Mathematics I | F, Sp, Su | 4 |
| PHYS 102 | Physics for Science and Mathematics II | F, Sp, Su | 4 |

If have Physics Certification, must take:

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 111 | Introductory Biology I | F, Sp, Su | 4 |
| BIOL 112 | Introductory Biology II | F, Sp, Su | 4 |
| CHEM 103 | Introductory Chemistry I | F, Sp, Su | 4 |
| CHEM 104 | Introductory Chemistry II | F, Sp, Su | 4 |
| CHOOSE TWO from: |  |  |  |
|  PSCI 211 | Introduction to Astronomy | F, Sp | 4 |
|  PSCI 212 | Introduction to Geology | F, Su | 4 |
|  PSCI 214 | Introduction to Meteorology | F | 4 |
|  PSCI 217 | Introduction to Oceanography | Sp | 4 |

Total credits: 24

Note: PHYS 101 has a prerequisite of MATH 120.

Note: Successful completion of the Praxis II General Science test (grades 7-12) to get the certification along with the certificate.

Gerontology C.U.S.

Course requirements are the same as the requirements for the minor in gerontology. Please see “course requirements for minor in gerontology (p. 98)." Non-matriculating students can receive only a certificate, not a minor, in gerontology.

International Nongovernmental Organizations Studies C.U.S.

Completion Requirement

A 2.0 GPA in the program is required.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| INGO 300 | International Nongovernmental Organizations | 4 | F |
| INGO 301 | Applied Development Studies | 3 | Sp |
| INGO 302 | International Nongovernmental Organizations and Social Entrepreneurship | 4 | Sp |
| INGO 303 | Pre-Internship Seminar in International Nongovernmental Organizations | 1 | As needed |
| INGO 304 | Internship in International Nongovernmental Organizations | 1-4 | As needed |
| POL 203 | Global Politics | 4 | F, Sp |

Note: INGO 303 may be waived for students with substantial international experience by consent of the program director, but they would need one additional INGO 304 credit to fulfill the certificate.

Note: INGO 304 can be taken in single or larger credit units, but must acquire a minimum of 3 credits.

ONE COURSE from:

|  |  |  |  |
| --- | --- | --- | --- |
| ANTH 325 | Cultures and Environments in South American | 4 | Alternate years |
| ANTH 327 | Peoples and Cultures: Selected Regions | 4 | As needed |
| FREN 313 | Modern France and the Francophone World | 4 | Alternate years |
| FREN 460 | Seminar in French | 3 | Sp |
| HIST 348 | Africa under Colonial Rule | 4 | Annually |
| HIST 349 | History of Contemporary Africa | 4 | Annually |
| HIST 352 | Colonial Latin America | 4 | Annually |
| HIST 353 | Modern Latin America | 4 | Annually |
| NPST 400 | Institute in Nonprofit Studies | 4 | Su |
| NPST 404 | Communications and Resource Development for Nonprofits | 3 | Sp |
| POL 300 | Methodology in Political Science | 4 | F, Sp |
| POL 303 | International Law and Organization | 4 | Sp |
| POL 341 | The Politics of Developing Nations | 3 | As needed |
| POL 342 | The Politics of Global Economic Change | 4 | Every third semester |
| POL 344 | Human Rights | 4 | Sp (alternate years) |
| POL 354 | Interest Group Politics | 4 | F (alternate years) |
| PORT 304 | Brazilian Literature and Culture | 4 | Alternate years |
| PORT 305 | Lusophone African Literatures and Cultures | 4 | As needed |
| SPAN 313 | Latin American Literature and Culture: From Eighteenth Century | 4 | Sp |

Note: Substitutions may be made with consent of program director.

THREE SEMESTERS OF LANGUAGE STUDY at the college level or its equivalent with permission of program director. (9-12 credits)

Total Credit Hours: 22-23

Long Term Care Administration C.U.S.

Admission Requirements

A bachelor’s degree from a regionally accredited college or university.

Completion Requirement

A 2.0 GPA in the program is required.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| NURS 314 | Health and Aging | 4 | F, Sp, Su |
|  | -Or- |  |  |
| GRTL 314 | Health and Aging | 4 | F, Sp, Su |
|  |   |  |  |
| HCA 330 | Health Care Finance | 3 | Annually |
| HCA 403 | Long-Term Care Administration | 3 | Annually |
| HCA 404 | Long-Term Care Laws and Regulations | 2 | Annually |
| MGT 201 | Foundations of Management | 3 | F, Sp, Su |
| MGT 320 | Human Resource Management | 3 | F, Sp, Su |

Total Credit Hours: 18

Nonprofit Studies C.U.S.

Admission Requirements

Students must submit an application to the program director detailing their interest in the certificate and including a résumé showing employment and volunteer experiences. Students must have earned at least 60 credits prior to participating in the certificate program.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| NPST 400 | Institute in Nonprofit Studies | 4 | Su |
| NPST 401 | Financial Management for Nonprofits | 3 | F |
| NPST 402 | Staff and Volunteer Management for Nonprofits | 3 | Sp |
| NPST 404 | Communications and Resource Development for Nonprofits | 3 | Sp |

Elective

|  |  |  |  |
| --- | --- | --- | --- |
|  | ONE COURSE in an aspect of nonprofit organizations or philanthropy | 3-4 |  |

Total Credit Hours: 16-17

Physics education C.U.S.

Admission requirements

The certificate in General Science Education is designed for education majors and certified teachers who are looking to add general science to the areas in which they are certified. Certification also requires passing the Praxis II test in General Science as according to the Rhode Island Department of Education. Admissions requirements are either of the following:

1. Admission to the Feinstein School of Education and Human Development

-OR-

1. A completed application form accompanied by a $50 non-refundable application fee

2. College transcripts

3. A current valid secondary teaching certificate (grades 7-12)

Retention requirements

Maintain a 2.5 GPA in all science classes

Course requirements:

|  |  |  |  |
| --- | --- | --- | --- |
| Course | Name | Semester | Credits |
| MATH 213 | Calculus I | F, Sp, Su | 4 |
| PHYS 101 | Physics for Science and Mathematics I | F, Sp, Su |  4 |
| PHYS 102 | Physics for Science and Mathematics II | F, Sp, Su | 4 |
|  |  |  |  |
|  |  |  |  |
| PHYS 307Quantum MechanicsF (even years)4PHYS 311Thermodynamics (prerequisite: MATH 213)F (odd years)4**CHOOSE TWO from:** |  |  |  |
| PHYS 309 | Nanoscience and Nanotechnology | F (odd years) | 4 |
| PHYS 312 | Mathematical Methods in Physics (prerequisite: MATH 314) | Sp | 4 |
| PHYS 313 | Junior Laboratory | Sp | 3 |
| PHYS 320 | Analog Electronics | F (even years) | 4 |
| PHYS 321 | Digital Electronics | Sp (odd years) | 4 |
| PHYS 401 | Advanced Electricity and Magnetism I (prerequisite: MATH 314) | F (odd ytars) | 4 |
| PHYS 402 | Advanced Electricity and Magnetism II (prerequisite: PHYS 401) | Sp (even years) | 3 |
| PHYS 403 | Classical Mechanics (prerequisite: MATH 314) | F (even years) | 4 |
| PHYS 407 | Quantum Mechanics II  | Sp (odd years) | 3 |
| PHYS 409 | Solid State Physics | F (even years) | 3 |
| PHYS 413 | Senior Laboratory  | Sp | 3 |
|  |  |  |  |
|  |  |  |  |

**Total credits: 26-28**

Note: Successful completion of the Praxis II Physics test to get the certification along with the certificate.

Public History C.U.S.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 331 | Rhode Island History | 4 | Sp |
| HIST 363 | Internship in Applied History | 4-8 | Annually |
| HIST 381 | Workshop: History and the Elementary Education Teacher | 1 | F |
| HIST 390 | Directed Study | 4 | As needed |

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 320 | American Colonial History | 4 | Annually |
| HIST 321 | The American Revolution | 4 | Annually |
| HIST 326 | American Cultural History: The Nineteenth Century | 4 | As needed |
| HIST 327 | Popular Culture in Twentieth Century America | 4 | Alternate years |
| HIST 330 | History of American Immigration | 4 | As needed |

IT IS RECOMMENDED that students also take:

|  |  |  |  |
| --- | --- | --- | --- |
| ANTH 102 | Introduction to Archaeology | 4 | F, Sp |

Total Credit Hours: 17-21

Social and Human Service Assistance C.U.S.

Course Requirements

First Semester

|  |  |  |  |
| --- | --- | --- | --- |
| SWRK 110 | Introduction to Human Services | 3 | F |
| SWRK 111 | Basic Interviewing Skills for Human Service Assistance | 1 | F |
| SWRK 112 | Basic Writing Skills for Human Services | 2 | F |
| SWRK 120 | Generalist Practice Skills for Human Services | 3 | F |

Second Semester

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| --- | --- | --- | --- |
| SWRK 230 | Advanced Skills for Human Services | 3 | Sp |
| SWRK 200 | Introduction to Social Work | 4 | F, Sp, Su |
| SWRK 260 | Integrative Seminar and Field Experience | 4 | Sp |

## Secondary Education

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**Department of Educational Studies**

**Department Chair:** Lesley Bogad

**Secondary Education Program Faculty: Professors** August, Bigler, Bogad, Cvornyek, Horwitz, Johnson, La Ferla, McLaughlin Jr.; **Associate Professors** Brell Jr., Christy, Guilbault, McKamey, Tiskus, Williams; **Assistant Professors** Basile, Benson, Blankenship, Caswell, Hesson, Kraus, Shipe, Sox

Students **must** consult with their assigned advisor before they will be able to register for courses.

Secondary Education B.A.

Retention Requirements

1. A minimum cumulative GPA of 2.75 each semester.

2. A minimum grade of B- in all teacher education courses.

3. A satisfactory GPA in the major area.

4. Positive recommendations from all education instructors based on academic work, fieldwork, and professional behavior.

If a student’s GPA falls below the minimum 2.75, or if the required GPA in the major falls below the minimum, the student will be put on probation, which means the student cannot continue to take courses in the professional education sequence until the probationary status is removed. If either the overall GPA or the required GPA in the major falls below the minimum for two consecutive semesters, the student may be suspended or dismissed from the secondary education program.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| CEP 215 | Introduction to Educational Psychology | 4 | F, Sp, Su |
| FNED 101 | Introduction to Teaching and Learning | 2 | F, Sp, Su |
| FNED 246 | Schooling for Social Justice  | 4 | F, Sp, Su |
| SED 201 | Introduction to Lesson Planning | 2  | F, Sp, Su |
| SED 202 | Introduction to Assessment | 2 | F, Sp, Su |
| SED 301 | Discourses, Literacies, and Technologies of Learning | 2 | F |
| SED 420 | Introduction to Student Teaching | 2 | Sp |
| SED 421 | Student Teaching in the Secondary School | 7 | Sp |
| SED 422 | Student Teaching Seminar in Secondary Education | 3 | Sp |
| SPED 333 | Introduction to Special Education | 3 | F, Sp |
| TESL 401 | Introduction to Teaching Emergent Bilinguals | 4 | F, Sp |

Note: To be admitted into SED 301 students must be admitted into FSEHD, and to take their Practicum I course (SED 31X) they must submit passing scores for both the Praxis II content tests and the Praxis II: Principles of Learning and Teaching Tests.

Note: SED 420 is taken in the Early Spring session.

See Secondary Education Majors and Concentrations (p. 160) for further requirements, including SED Practicum courses.

Total Credit Hours: 35

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General Science Major

Students electing a major in General Science apply to the Feinstein School of Education and Human Development and meet admission requirements that include a 2.50 in their content grade point average (GPA) and a minimum grade of C. Students must maintain the content GPA of 2.50 for retention and, along with satisfactorily completing required courses in secondary education (minimum grade B-), complete the following courses to obtain General Science certification:

Requirements

Secondary Education

|  |  |  |  |
| --- | --- | --- | --- |
| SED 303 | Engaging in STEM | 2 | F |
| SED 316 | Practicum in Secondary Education: Science | 4 | Sp |
| SED 416 | Socio-Scientific Issues in the Classroom | 4 | F |
|  |  |  |  |
| SPED 433 | Special Education: Best Practices and Applications | 3 | F, Sp |
|  | -Or\_ |  |  |
| TESL 402 | Applications of Second Language Acquisition | 3 | F, Sp |

Biology

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 111 | Introductory Biology I | 4 | F, Sp, Su |
| BIOL 112 | Introductory Biology II | 4 | F, Sp, Su |

Chemistry

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 103 | General Chemistry I | 4 | F, Sp, Su |
| CHEM 104 | General Chemistry II | 4 | F, Sp, Su |

History

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 108 | History of Science and Medicine | 4 | F |

Mathematics

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| --- | --- | --- | --- |
| MATH 209 | Precalculus Mathematics | 4 | F, Sp, Su |
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TWO COURSES from:

|  |  |  |  |
| --- | --- | --- | --- |
| PSCI 211 | Introduction to Astronomy | 4 | F, Sp |
| PSCI 212 | Introduction to Geology | 4 | F, Su |
| PSCI 214 | Introduction to Meteorology | 4 | F |
| PSCI 217 | Introduction to Oceanography | 4 | Sp |
|  |  |  |  |

Physics

|  |  |  |  |
| --- | --- | --- | --- |
| PHYS 101 | Physics for Science and Mathematics I | 4 | F, Sp, Su |
|  |  |  |  |
| PHYS 102 | Physics for Science and Mathematics II | 4 | F, Sp, Su |
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ONE RESEARCH COURSE from:

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 491 | Research in Biology | 1 | F, Sp, Su |
| CHEM 491 | Research in Chemistry | 1 | As needed |
| PHYS 491 | Research in Physics | 1 | As needed |
| PSCI 491 | Research in Physical Science | 1 | As needed |

Total Credit Hours: 54

History Major

Students electing a major in History apply to the Feinstein School of Education and Human Development and meet admission requirements that include a 3.00 in their content grade point average (GPA). Students must maintain the content GPA of 3.00 for retention and, along with satisfactorily completing required courses in secondary education (minimum grade B-), complete the following courses to obtain History certification:

Requirements

History

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 200 | The Nature of Historical Inquiry | 4 | F, Sp |