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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

Maintaina  2.5 G.P.A. in all science classes.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 111 | Introductory Biology I | 4 |  F, Sp, Su |
| BIOL 112 | Introductory Biology II | 4 | F, Sp, Su |
| BIOL 213W | Plant and Animal Form and Function | 4 | F, Sp |
| BIOL 314 | Genetics | 4 | F |
| BIOL 318 | Ecology | 4 | F |

ONE COURSE from:

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 320 | Cell and Molecular Biology | 4 |  Sp |
| BIOL 321 | Invertebrate Zoology | 4 |  As needed |
| BIOL 324 | Vertebrate Zoology | 4 |  As needed |
| BIOL 335 | Human Physiology | 4 |  F, Sp, Su |
| BIOL 348 | Microbiology | 4 |  F, Sp, Su |
| BIOL 353 | The Plant Kingdom | 4 |  As needed |

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

Total Credit Hours: 24

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

Maintaina 2.5 G.P.A. in all science classes.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 103 | General Chemistry I | 4 |  F, Sp, Su |
| CHEM 104 | General Chemistry II | 4 | Sp, Su |
| CHEM 205W | Organic Chemistry I | 4 |  F |
| CHEM 206W | Organic Chemistry II | 4 |  Sp |

TWO COURSES from:

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 310 | Biochemistry | 4 |  F |
| CHEM 403 | Inorganic Chemistry I | 3 |  F |
| CHEM 404W | Analytical Chemistry | 4 |  Sp (even years) |
|  |   |  |  |
| CHEM 405 | Physical Chemistry I | 3 | F |
|  | -And- |  |  |
| CHEM 407W | Physical Chemistry Laboratory I | 1 | F |
|  |   |  |  |
| CHEM 412 | Inorganic Chemistry II | 2 |  Sp |
|  | -And- |  |  |
| CHEM 413 | Inorganic Chemistry Laboratory | 1 |  Sp |
|  |   |  |  |
| CHEM 416W | Environmental Analytical Chemistry | 4 | Sp (odd years) |
| CHEM 418 | Marine Environmental Chemistry  | 4 | As Needed |
| CHEM 425 | Advanced Organic Chemistry | 4 |  F (odd years) |
| CHEM 435 | Pharmacology and Toxicology | 3 |  As needed |

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.

Total Credit Hours: 22-24

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

Early Childhood Birth-Three C.U.S.

## Admission Requirements

The Certificate in B-3 is designed for early care and education professionals. Candidates much apply to the ECED B3 C.U.S. program. Admission requirements:

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

## Retention Requirements

Maintain a 2.O G.P.A. overall

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| ECED 202 | Early Childhood Development, Birth to Eight | 3 |  F |
| ECED 310 | Contextualizing Infant Toddler Education | 3 | F |
| ECED 312 | Infant Toddler Cognitive Development and Learning  | 3 | F |
| ECED 314 | Infant Toddler Social/Emotional Development and Learning  | 3 | Sp |
| ECED 410 | Infant Toddler Field Experience I | 4 | Sp |

Subtotal: 16

General Science 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

Maintaina 2.5 G.P.A. in all science classes.

Course Requirements

If have Biology Certification, must take:

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 103 | General Chemistry I | 4 |  F, Sp, Su |
| CHEM 104 | General Chemistry II | 4 | Sp, Su |
| PHYS 101 | Physics for Science and Mathematics I | 4 | F, Sp, Su |
| PHYS 102 | Physics for Science and Mathematics II | 4 | F, Sp, Su |

CHOOSE TWO 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 |

If have Chemistry Certification, must take:

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

CHOOSE TWO 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 |

Students with Earth/Space Certification, must take:

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

If have Physics Certification, must take:

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 111 | Introductory Biology I | 4 |  F, Sp, Su |
| BIOL 112 | Introductory Biology II | 4 | F, Sp, Su |
| CHEM 103 | General Chemistry I | 4 |  F, Sp, Su |
| CHEM 104 | General Chemistry II | 4 | Sp, Su |

CHOOSE TWO 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 |

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.

Total Credit Hours: 24

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." Non-matriculating students can receive only a certificate, not a minor, in gerontology.

International NGOs and Nonprofit Studies C.U.S.

**Completion Requirement**

A 2.0 G.P.A. in the program is required.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| INGO 200 | Community Engagement | 4 | Sp |
| INGO 300 | International NGOs and Nonprofits | 4 |  F |
| INGO 301 | Global Development | 4 |  Sp |
|  |   |  |  |
| INGO 303 | Pre-Internship in International NGOs and Nonprofits | 1 |  As needed |
|  | -Or- |  |  |
| INGO 305 | Professional Development: International NGOs and Nonprofits  | 1 | As needed |
|  |   |  |  |
| INGO 304 | Internship in International NGOs and Nonprofits | 1-4 |  As needed |
| POL 203 | Global Politics | 4 |  F, Sp |

Note: INGO 304 can be taken in single or larger credit units, but must acquire a minimum of 3 credits. Students who, according to the Director, would not benefit from INGO 303 or 305 may take INGO 304 for 4 credits. Students may also take both INGO 303 and INGO 305 but only one is needed for the certificate.

ONE COURSE from:

|  |  |  |  |
| --- | --- | --- | --- |
| ANTH 327 | Peoples and Cultures: Selected Regions | 4 |  As needed |
| ANTH 329 | Queer And Trans Anthropology | 4 | Alternate years |
| ANTH 343 | Environmental Anthropology  | 4 | Alternate years |
| FREN 313 | Modern France and the Francophone World | 4 |  Alternate years |
| GEOG 337 | Urban Political Geography | 3 |  As needed |
| GLOB 356 | The Atlantic World | 4 | As needed |
| HIST 236 | Post-Independence Africa | 3 | Annually |
| HIST 241 | Colonial and Neocolonial Latin America | 3 | Annually |
| HIST 242 | Modern Latin America | 3 | Annually |
| HIST 348 | Africa under Colonial Rule | 3 | Annually |
| NPST 300 | Institute in Nonprofit Studies | 4 | F |
| POL 300 | Methodology in Political Science | 4 |  F, Sp |
| POL 301W | Foundations of Public Administration | 4 |  F |
| POL 303 | International Law and Organization | 4 |  Sp |
| POL 341 | The Politics of Developing Nations | 4 | Sp |
| POL 342 | The Politics of Global Economic Change | 4 |  Every third semester |
| POL 344 | Human Rights  | 4 | Sp (alternate years) |
| POL 347 | Political Activism and Social Justice  | 4 | Sp (Alternate years) |
| POL 348 | Middle Eastern and North African Politics | 4 | F |
| 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 |
| SOC 302W | Social Research Methods | 4 |  F, Sp, Su |
| SPAN 313 | Latin American Literature and Culture: From Eighteenth Century | 4 |  Sp |

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

Total Credit Hours: 23-24

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 201W | Foundations of Management | 4 |  F, Sp, Su |
| MGT 320 | Human Resource Management | 4 |  F, Sp, Su |

Total Credit Hours: 20

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 42 credits prior to participating in the certificate program.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| NPST 300 | Institute in Nonprofit Studies | 4 | F |
| NPST 301 | Financial Management for Nonprofits | 3 | Sp |
| NPST 402 | Staff and Volunteer Management for Nonprofits | 3 | F |
| 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 G.P.A. in all science classes.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| MATH 213 | Calculus II | 4 |  F, Sp, Su |
| PHYS 101 | Physics for Science and Mathematics I | 4 | F, Sp, Su |
| PHYS 102 | Physics for Science and Mathematics II | 4 | F, Sp, Su |
| PHYS 307 | Quantum Mechanics I | 4 |  Sp (odd years) |
| PHYS 311 | Thermodynamics | 4 |  Sp (even years) |

CHOOSE TWO from:

|  |  |  |  |
| --- | --- | --- | --- |
| PHYS 309 | Nanoscience and Nanotechnology | 4 |  F (even years) |
| PHYS 312 | Mathematical Methods in Physics | 3 |  F |
| PHYS 313W | Junior Laboratory | 3 | F |
| PHYS 315 | Optics | 4 |  Sp (odd years) |
| PHYS 320 | Analog Electronics | 4 |  F (odd years) |
| PHYS 321 | Digital Electronics | 4 |  Sp (even years) |
| PHYS 401 | Advanced Electricity and Magnetism I | 4 |  Sp (even years) |
| PHYS 402 | Advanced Electricity and Magnetism II | 3 | As needed |
| PHYS 403 | Classical Mechanics | 4 |  Sp (odd years) |
| PHYS 407 | Quantum Mechanics II | 3 | As needed |
| PHYS 409 | Solid State Physics | 3 | As needed |
| PHYS 413W | Senior Laboratory | 3 | F |

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

Total Credit Hours: 26-28

Public History C.U.S.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 281W | History Matters I: Methods and Skills | 3 |  F, Sp |
| HIST 331 | Rhode Island History | 3 |  Sp |
| HIST 381 | Workshop: History and the Elementary Education Teacher | 1 |  F |
| HIST 389W | History Matters III: Senior Research Project | 2 | F, Sp |

ONE ADDITIONAL COURSE in U.S. History

|  |  |  |  |
| --- | --- | --- | --- |
|  | One additional course in U.S. History | 3 |  |

TWO SEMESTERS of

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 357 | Public History Experiences | 3 | Annually |

Total Credit Hours: 18

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

|  |  |  |  |
| --- | --- | --- | --- |
| 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 |

Total Credit Hours: 19

Vascular Interventional Radiography CUS

Admission Requirements

Must hold a current registration in Radiography by the American Registry of Radiologic Technologists (ARRT).

Completion Requirement

Must pass all courses with a grade of “C” or better.

Course Requirements

First Semester

|  |  |  |  |
| --- | --- | --- | --- |
| VIR 300 |  Principles of Vascular Interventional Radiography  | 3 | F |
| VIR 301 | Procedures I | 3 |  |
| VIR 303 | Clinical Education I | 4 | F |

Second Semester

|  |  |  |  |
| --- | --- | --- | --- |
| VIR 302 | Procedures II | 4 | Sp |
| VIR 304 | Clinical Education II | 4 | Sp |

Workplace Diversity C.U.S.

Admission Requirements

The certificate in Workplace Diversity is embedded into the requirements for the Bachelor of Professional Studies degree with a concentration in organizational leadership. However, it is also open to any undergraduate student who has a minimum of 45 earned credits.

Completion Requirement

A 2.0 GPA in the program is required.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| COMM 333 | Intercultural Communication | 4 | As needed |
| MGT 201W | Foundations of Management | 4 |  F, Sp, Su |
| MGT 306 | Managing a Diverse Workforce | 4 | F, Sp |
| SOC 208 | The Sociology of Race and Ethnicity | 4 |  F, Sp, Su |

World Languages Education - French C.U.S.

**Admission Requirements**

1. Current undergraduates in World Languages Education with another language concentration may add this C.U.S. to add a second language certification.

2. Certified World Language Teachers (already holding a B.A. from a regionally accredited institution) seeking a second language certification must submit an application to the program director detailing their interest in the certificate and including a résumé showing employment and volunteer experiences.

Completion Requirements

1. A 2.75 overall GPA and 3.0 GPA in the program.

2. 24 credits in French, not including FREN 101 or FREN 102.

3. Minimum score of Advanced Low on the ACTFL OPI and WPT; RIDE required minimum score on the Praxis French.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
|  | 24 credits in French (not including FREN 101 or FREN 102) |  |  |

Total Credit Hours: 24

World Languages Education - Italian C.U.S.

Admission Requirements

1. Current undergraduates in World Languages Education with another language concentration may add this C.U.S. to add a second language certification.

2. Certified World Language Teachers (already holding a B.A. from a regionally accredited institution) seeking a second language certification must submit an application to the program director detailing their interest in the certificate and including a résumé showing employment and volunteer experiences.

Completion Requirements

1. A 2.75 overall GPA and 3.0 GPA in the program.

2. 24 credits in Italian, not including ITAL 101 or ITAL 102.

3. Minimum score of Advanced Low on the ACTFL OPI and WPT.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
|  | 24 credits in Italian (not including ITAL 101 or ITAL 102) |  |  |

Total Credit Hours: 24

World Languages Education - Portuguese C.U.S.

Admission Requirements

1. Current undergraduates in World Languages Education with another language concentration may add this C.U.S. to add a second language certification.

2. Certified World Language Teachers (already holding a B.A. from a regionally accredited institution) seeking a second language certification must submit an application to the program director detailing their interest in the certificate and including a résumé showing employment and volunteer experiences.

Completion Requirements

1. A 2.75 overall GPA and 3.0 GPA in the program.

2. 24 credits in Portuguese, not including PORT 101 or PORT 102.

3. Minimum score of Advanced Low on the ACTFL OPI and WPT.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
|  | 24 credits in Portuguese (not including PORT 101 or PORT 102) |  |  |

Total Credit Hours: 24

World Languages Education - Spanish C.U.S.

Admission Requirements

1. Current undergraduates in World Languages Education with another language concentration may add this C.U.S. to add a second language certification.

2. Certified World Language Teachers (already holding a B.A. from a regionally accredited institution) seeking a second language certification must submit an application to the program director detailing their interest in the certificate and including a résumé showing employment and volunteer experiences.

Completion Requirements

1. A 2.75 overall GPA and 3.0 GPA in the program.

2. 24 credits in Spanish, not including SPAN 101 or SPAN 102.

3. Minimum score of Advanced Low on the ACTFL OPI and WPT; RIDE required minimum score on the Praxis Spanish.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
|  | 24 credits in Spanish (not including SPAN 101 or SPAN 102) |  |  |

Total Credit Hours: 24

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