Table of Contents

Feinstein School of Education and Human Development

Undergraduate Degree Programs

(*see also* Undergraduate Certificate Programs)

Jeannine Dingus-Eason, Dean

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Degree** | **Concentration** | |
| Community and Public Health Promotion (p. ) | B.S. | Health and Aging | |
|  |  | Public Health Promotion | |
|  |  | Women’s Health | |
| Early Childhood Education (p. ) | B.S. | Concentration in Teaching(Certification for PreK–Grade 2) | |
|  | B.S. | Concentration in Community Programs | |
|  | B.S. | Concentration in Birth to Three | |
|  | **Degree** | **Concentration/Content** |
| Elementary Education (p. ) | B.A. | Teaching Concentration in Middle Level General Science (Certification for Elementary Education Grades 1–6 and Science Middle Level Grades 6-8 ) |
|  | B.A. | Teaching Concentration in Middle Level Mathematics (Certification for Elementary Education Grades 1–6 and Middle Level Mathematics Grades 6-8) |
|  | B.S. | Concentration in Special Education (see options under Special Education (p. )  ) |  |
|  | **Degree** | **Content Major** |  |
|  | B.A. | English (Certification for Grades 1–6) *(Admission currently suspended)* |  |
|  | B.A. | Multidisciplinary Studies (Certification for Grades 1–6) *(Admission currently suspended)* |
|  | B.A. | Social Studies (Certification for Grades 1–6) *(Admission currently suspended)* |
|  | | |
|  | **Degree** | **Major** | |
| Health Education (p. ) | B.S. |  | |
| Physical Education (p. ) | B.S. |  | |
| Secondary Education (p. ) | B.A. | Biology | |
|  | B.A. | Chemistry | |
|  | B.A. | English | |
|  | B.A. | General Science | |
|  | B.A. | History | |
|  | B.A. | Mathematics | |
|  | B.A. | Physics | |
|  | B.A. | Social Studies | |
| Special Education (p. ) | B.S. | Elementary Special Education | |
|  | B.S. | Elementary Special Education and Severe Intellectual Disabilities | |
|  | B.S. | Severe Intellectual Disabilities, Ages Three to Twenty-One | |
|  | **Degree** | **Teaching Concentration** | |
| Special Education Programs (p. ) | M.Ed. | Early Childhood Special Education M.Ed. | |
|  | M.Ed. | Elementary or Secondary Special Education M.Ed. | |
|  | M.Ed. | Special Education M.Ed. with Consentration in Execptional Learning Needs | |
|  | M.Ed. | Special Education M.Ed. with Consentration in Severe Intellectual Disabilities (SID) | |
|  | M.Ed. | Special Education M.Ed. with Consentration in Urban Multicultural Special Education | |
| Youth Development (p. ) | B.A. |  | |

Note: For undergraduate art and music teacher certification programs, see Art Education B.S., Art Education B.F.A. or Music B.M.-with concentration in Music Education under Faculty of Arts and Sciences.

Also Note: Honors programs are offered in early childhood, elementary, secondary, and special education. A minor is offered in coaching. A specialized program is available in adapted physical education, and an endorsement program is available in middle-school education.

– PLEASE NOTE –

All undergraduate full-degree programs require the completion of at least 120 credit hours, including (1) General Education requirements, (2) the college writing requirement, (3) the college mathematics competency, and (4) the course requirements listed under each program.

For more details on graduation requirements, see Academic Policies and Requirements.

Minors

Educational Studies (p. )

Graduate Degree Programs

(*see also* Graduate Certificate Programs)

|  |  |  |
| --- | --- | --- |
| **Major** | **Degree** | **Concentration** |
| Advanced Studies in Teaching and Learning (p. ) | M.Ed. |  |
| Counseling (p. ) | M.A. | School Counseling *(This program is undergoing redesign and is not accepting applications. We anticipate this process taking two years.)* |
| Counseling (p. ) | M.S. | Clinical Mental Health Counseling |
| Early Childhood Education (p. ) | M.Ed. |  |
| Education Doctoral Program (p. ) | Ph.D. |  |
| Educational Leadership M.Ed. (p. ) | M.Ed. | *(This program is undergoing redesign and is not accepting applications. We anticipate this process taking two years.)* |
| Elementary Education (p. ) | M.A.T. |  |
| Elementary Education (p. ) | M.Ed. | (This program has suspended admissions.) |
| Health Education (p. ) | M.Ed. | Health Education |
| Reading (p. ) | M.Ed. |  |
| School Psychology (p. ) | M.A./C.A.G.S. |  |
| Secondary Education (p. ) | M.A.T. |  |
|  | M.A.T. | Biology (This program is undergoing redesign and is not accepting applications at this time.) |
|  | M.A.T. | English Pedagogy |
|  | M.A.T. | History (This program is not accepting applications at this time.) |
|  | M.A.T. | Mathematics Pedagogy |
|  | M.A.T. | Pedagogy (This program is not currently accepting applications.) |
| Special Education (p. ) | M.Ed. | Early Childhood Special Education |
|  | M.Ed. | Elementary or Secondary Special Education |
|  | M.Ed. | Exceptional Learning Needs |
|  | M.Ed. | Severe Intellectual Disabilities (SID) |
|  | M.Ed. | Urban Multicultural Special Education |
| Teaching English to Speakers of Other Languages (p. ) | M.Ed. |  |
|  | M.Ed. | Bilingual Education |
| World Languages Education (p. ) | M.A.T. | French |
|  | M.A.T. | Portuguese |
|  | M.A.T. | Spanish |
| Youth Development (p. ) | M.A. |  |

Note: For graduate art and music teacher certification programs see M.A.T. in art education or M.A.T. in music education under the School of the Faculty of Arts and Sciences.























































































































































































































































































































































# Secondary Education

**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. (Biology Chemistry and Physics)

Retention Requirements

1. A minimum cumulative G.P.A. of 2.75 each semester.

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

3. A satisfactory G.P.A. 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 315 | Educational Psychology | 3 | 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 202 | Introduction to Assessment | 2 | F, Sp, Su |
| SED 301 | Discourses, Literacies and Technologies of Learning | 2 | F |
| SED 420/TECH 420/WLED 420 | Introduction to Student Teaching | 2 | Early Sp |
| SED 421/TECH 421/WLED 421 | Student Teaching in the Secondary School | 7 | Sp |
| SED 422/TECH 422/WLED 422 | Student Teaching Seminar in Secondary Education | 3 | Sp |
| SPED 333 | Introduction to Special Education: Policies/Practices | 3 | F, Sp |
| TESL 401 | Introduction to Teaching Emergent Bilinguals | 4 | F, Sp |

Subtotal: 35

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.

Secondary Education Biology Major

Students electing a major in Biology 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 Biology certification:

Requirements

Biology

|  |  |  |  |
| --- | --- | --- | --- |
| 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 |
| BIOL 320 | Cell and Molecular Biology | 4 | Sp |
| BIOL 348 | Microbiology | 4 | F, Sp, Su |
| BIOL 491-494 | Research in Biology | 1 | F, Sp, Su |

Chemistry

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

Mathematics

|  |  |  |  |
| --- | --- | --- | --- |
| MATH 209 | Precalculus Mathematics | 4 | F, Sp, Su |
| MATH 240 | Statistical Methods I | 4 | F, Sp, Su |

Physical Science

|  |  |  |  |
| --- | --- | --- | --- |
| PSCI 212 | Introduction to Geology | 4 | F, Su |
| PSCI 357 | Historical and Contemporary Contexts of Science | 3 | As needed |

Physics

|  |  |  |  |
| --- | --- | --- | --- |
| PHYS 101 | Physics for Science and Mathematics I | 4 | F, Sp, Su |

ONE COURSE from:

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 321 | Invertebrate Zoology | 4 | As needed |
| BIOL 324 | Vertebrate Zoology | 4 | As needed |
| BIOL 329 | Comparative Vertebrate Anatomy | 4 | As needed |
| BIOL 330 | Developmental Biology of Animals | 4 | Alternate years |
| BIOL 353 | The Plant Kingdom | 4 | As needed |
| BIOL 354 | Plant Growth and Development | 4 | As needed |

Subtotal: 68

Total Credit Hours: 68

Secondary Education Chemistry Major

Students electing a major in Chemistry 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 2.75 for retention and, along with satisfactorily completing required courses in secondary education (minimum grade B-), complete the following courses to obtain Chemistry certification:

Requirements

Biology

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

Chemistry

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 103 | General Chemistry I | 4 | F, Sp, Su |
| CHEM 104 | General Chemistry II | 4 | F, Sp, Su |
| CHEM 205 | Organic Chemistry I | 4 | F, Su |
| CHEM 206 | Organic Chemistry II | 4 | Sp, Su |
| CHEM 310 | Biochemistry | 4 | F |
| CHEM 403 | Inorganic Chemistry I | 3 | F |
| CHEM 404 | Analytical Chemistry | 4 | Sp (even years) |
| CHEM 405 | Physical Chemistry I | 3 | F |
| CHEM 407 | Physical Chemistry Laboratory I | 1 | F |
| CHEM 491-493 | Research in Chemistry | 1 | As needed |

Mathematics

|  |  |  |  |
| --- | --- | --- | --- |
| MATH 212 | Calculus I | 4 | F, Sp, Su |
| MATH 213 | Calculus II | 4 | F, Sp, Su |

Physical Science

|  |  |  |  |
| --- | --- | --- | --- |
| PSCI 212 | Introduction to Geology | 4 | F, Su |
| PSCI 357 | Historical and Contemporary Contexts of Science | 3 | As needed |

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 |

ONE COURSE from:

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 406 | Physical Chemistry II | 3 | Sp |
|  |  |  |  |
| CHEM 412 | Inorganic Chemistry II | 2 | Sp |
|  | -And- |  |  |
| CHEM 413 | Inorganic Chemistry Laboratory | 1 | Sp |
|  |  |  |  |
| CHEM 414 | Instrumental Methods of Analysis | 4 | Sp (odd years) |
| CHEM 420 | Biochemistry of Proteins and Nucleic Acids | 3 | F, Sp (odd years) |
| CHEM 422 | Biochemistry Laboratory | 3 | Sp |
| CHEM 425 | Advanced Organic Chemistry | 4 | F (odd years) |
| CHEM 435 | Pharmacology and Toxicology | 3 | As needed |

Subtotal: 62-63

Total Credit Hours: 62-63

Secondary Education Physics Major

Students electing a major in Physics 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). 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 Physics certification:

Requirements

Biology

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

Chemistry

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

Mathematics

|  |  |  |  |
| --- | --- | --- | --- |
| MATH 212 | Calculus I | 4 | F, Sp, Su |
| MATH 213 | Calculus II | 4 | F, Sp, Su |
| MATH 314 | Calculus III | 4 | F, Sp |

Physical Science

|  |  |  |  |
| --- | --- | --- | --- |
| PSCI 212 | Introduction to Geology | 4 | F, Su |
| PSCI 357 | Historical and Contemporary Contexts of Science | 3 | As needed |

Required Physics Courses

|  |  |  |  |
| --- | --- | --- | --- |
| 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) |
| PHYS 312 | Mathematical Methods in Physics | 3 | F |
| PHYS 313 | Junior Laboratory | 3 | F |
| PHYS 413 | Senior Laboratory | 3 | F |
| PHYS 491-493 | Research in Physics | 1 | As needed |

PHYS 491: (for 1 credit)

Elective Physics Courses

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| PHYS 309 | Nanoscience and Nanotechnology | 4 | F (even years) |
| PHYS 315 | Optics | 4 | Sp (odd years) |
| PHYS 320 | Analog Electronics | 4 | F (odd years) |
| PHYS 321 | Digital Electronics | 4 | Sp (even years) |

Subtotal: 61

Total Credit Hours: 61

Secondary Education B.A. (English, General Science, History, Mathematics, Social Studies)

Retention Requirements

1. A minimum cumulative G.P.A. of 2.75 each semester.

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

3. A satisfactory G.P.A. in the major area.

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

If a student’s G.P.A. falls below the minimum 2.75, or if the required G.P.A. 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 G.P.A. or the required G.P.A. 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/TECH 420/WLED 420 | Introduction to Student Teaching | 2 | Early Sp |
| SED 421/TECH 421/WLED 421 | Student Teaching in the Secondary School | 7 | Sp |
| SED 422/TECH 422/WLED 422 | Student Teaching Seminar in Secondary Education | 3 | Sp |
| SPED 333 | Introduction to Special Education: Policies/Practices | 3 | F, Sp |
| TESL 401 | Introduction to Teaching Emergent Bilinguals | 4 | F, Sp |

Subtotal: 35

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.

Total Credit Hours: 35

Secondary Education English Major

Students electing a major in English 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 (G.P.A.). Students must maintain the content G.P.A. of 3.00 for retention and, along with satisfactorily completing required courses in secondary education (minimum grade B-), complete the following courses to obtain English Certification:

Requirements

Secondary Education

|  |  |  |  |
| --- | --- | --- | --- |
| SED 302 | Teaching and Learning: Humanities in Communities | 2 | F |
| SED 313 | Critical Writing and Teaching in Schools | 4 | Sp |
| SED 413 | Social Justice Teaching in English Education | 4 | F |
|  |  |  |  |
| SPED 433 | Special Education: Best Practices and Applications | 3 | F, Sp |
|  | -Or- |  |  |
| TESL 402 | Applications of Second Language Acquisition | 3 | F, Sp |

English

|  |  |  |  |
| --- | --- | --- | --- |
| ENGL 200W | Reading Literature and Culture | 4 | F, Sp |
| ENGL 212 | Adolescent Literature: Images of Youth | 4 | Annually |
| ENGL 300W | Introduction to Theory and Criticism | 4 | F, Sp |
|  |  |  |  |
| ENGL 326 | Studies in African American Literature | 4 | As needed |
|  | -Or- |  |  |
| ENGL 327 | Studies in Multicultural American Literatures | 4 | As needed |
|  |  |  |  |
| ENGL 336 | Reading Globally | 4 | As needed |
|  |  |  |  |
| ENGL 341 | Studies in Literature and Film | 4 | As needed |
|  | -Or- |  |  |
| FILM 116 | Introduction to Film | 4 | F, Sp, Su |
|  |  |  |  |
| ENGL 345 | Shakespeare: Histories and Comedies | 4 | As needed |
|  | -Or- |  |  |
| ENGL 346 | Shakespeare: The Tragedies and Romances | 4 | As needed |
|  |  |  |  |
| ENGL 460 | Seminar in English | 4 | F, Sp |

ONE COURSE from:

|  |  |  |  |
| --- | --- | --- | --- |
| ENGL 208 | British Literature | 4 | Annually |
| ENGL 304 | Studies in British Literature to 1500 | 4 | As needed |
| ENGL 305 | Studies in British Literature 1500-1700 | 4 | As needed |
| ENGL 306 | Studies in British Literature 1700-1914 | 4 | As needed |

ONE COURSE from:

|  |  |  |  |
| --- | --- | --- | --- |
| ENGL 209 | American Literature | 4 | Annually |
| ENGL 301 | Reading America to the Civil War | 4 | As needed |
| ENGL 302 | Studies in American Literature 1860-1945 | 4 | As needed |

ONE COURSE from:

|  |  |  |  |
| --- | --- | --- | --- |
| ENGL 378 | Studies in Composition | 4 | As needed |
| ENGL 379 | Studies in Rhetoric | 4 | As needed |
| ENGL 432 | Studies in the English Language | 4 | As needed |

Total Credit Hours: 57

Note: To enroll in SED 420, students must have completed all but two of the required 300-level English courses and all other requirements in the English major.

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

Secondary Education 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.  In addition to the requirements below, students must choose an additional area of certification (CUS in biology, CUS in chemistry, CUS in physics, or middle level certification) to pair with the General Science certification requirements.

Requirements

Secondary Education

|  |  |  |  |
| --- | --- | --- | --- |
| SED 303 | Inquiry into 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 | Annually |

Mathematics

|  |  |  |  |
| --- | --- | --- | --- |
| MATH 209 | Precalculus Mathematics | 4 | F, Sp, Su |

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 |

ONE RESEARCH COURSE from:

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 491-494 | Research in Biology | 1 | F, Sp, Su |
| CHEM 491-493 | Research in Chemistry | 1 | As needed |
| PHYS 491-493 | Research in Physics | 1 | As needed |
| PSCI 491-493 | Research in Physical Science | 1 | As needed |

Total Credit Hours: 54

Secondary Education 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

Secondary Education

|  |  |  |  |
| --- | --- | --- | --- |
| SED 302 | Teaching and Learning: Humanities in Communities | 2 | F |
| SED 314 | Responsive Social Studies Teaching/Learning I | 4 | Sp |
| SED 414 | Responsive Social Studies Teaching/Learning II | 4 | F |

History

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 281W | History Matters I: Methods and Skills | 3 | F, Sp |
| HIST 282W | History Matters II: Historical Research | 3 | F, Sp |
| HIST 389W | History Matters III: Senior Research Project | 2 | F, Sp |

TWO COURSES from:

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 201 | U.S. History: 1400-1800 | 3 | F, Sp |
| HIST 202 | U.S. History: 1800-1920 | 3 | F, Sp |
| HIST 203 | U.S. History: 1920 to the Present | 3 | F, Sp |

ONE COURSE from U.S. History:

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 209 | The American Revolution | 3 | Annually |
| HIST 217 | American Gender and Women’s History | 3 | Annually |
| HIST 218 | American Foreign Policy: 1945 to the Present | 3 | F |
| HIST 219 | Popular Culture in Twentieth Century America | 3 | Alternate years |
| HIST 320 | American Colonial History | 3 | Annually |
| HIST 322 | The Early American Republic | 3 | Annually |
| HIST 323 | The Gilded Age and Progressive Era | 3 | Alternate years |
| HIST 324 | Crises of American Modernity, 1914-1945 | 3 | Annually |
| HIST 325 | Superpower America 1945-1990 | 3 | Annually |
| HIST 326 | American Cultural History: The Nineteenth Century | 3 | As needed |
| HIST 328 | History of the American West | 3 | As needed |
| HIST 329 | Civil War and Reconstruction | 3 | As needed |
| HIST 330 | History of American Immigration | 3 | As needed |
| HIST 331 | Rhode Island History | 3 | Sp |
| HIST 334 | African American History | 3 | Annually |
| HIST 336 | The United States and the Emerging World | 3 | Sp |

ONE COURSE from European History:

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 220 | Ancient Greece | 3 | Alternate years |
| HIST 221 | The Roman Republic | 3 | Alternate Years |
| HIST 222 | The Roman Empire | 3 | Alternate Years |
| HIST 223 | Medieval History | 3 | Alternate years |
| HIST 224 | The Glorious Renaissance | 3 | F |
| HIST 234 | Challenges and Confrontations: Women in Europe | 3 | As needed |
| HIST 235 | Voices of the Great War | 3 | Alternate years |
| HIST 258 | Environmental History | 3 | Annually |
| HIST 307 | Europe in the Age of Enlightenment | 3 | As needed |
| HIST 308 | Europe in the Age of Revolution, 1789 to 1850 | 3 | As needed |
| HIST 309 | Europe in the Age of Nationalism, 1850 to 1914 | 3 | As needed |
| HIST 310 | Twentieth-Century Europe | 3 | As needed |
| HIST 311 | The Origins of Russia to 1700 | 3 | Alternate years |
| HIST 312 | Russia from Peter to Lenin | 3 | Alternate years |
| HIST 313 | The Soviet Union and After | 3 | Alternate years |
| HIST 318 | Tudor-Stuart England | 3 | As needed |

ONE COURSE from Africa, Asia, Latin America, Middle East:

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 236 | Post-Independence Africa | 3 | Annually |
| HIST 238 | Early Imperial China | 3 | As needed |
| HIST 239 | Japanese History through Art and Literature | 3 | Alternate years |
| HIST 241 | Colonial and Neocolonial Latin America | 3 | Annually |
| HIST 242 | Modern Latin America | 3 | Annually |
| HIST 340 | The Muslim World from the Age of Muhammad to 1800 | 3 | As needed |
| HIST 341 | The Muslim World in Modern Times, 1800 to the Present | 3 | As needed |
| HIST 342 | Islam and Politics in Modern History | 3 | As needed |
| HIST 348 | Africa under Colonial Rule | 3 | Annually |

ONE COURSE from Global History or Non-Western History (Africa, Asia, Latin America, Middle East):

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 218 | American Foreign Policy: 1945 to the Present | 3 | F |
| HIST 222 | The Roman Empire | 3 | Alternate Years |
| HIST 236 | Post-Independence Africa | 3 | Annually |
| HIST 238 | Early Imperial China | 3 | As needed |
| HIST 239 | Japanese History through Art and Literature | 3 | Alternate years |
| HIST 241 | Colonial and Neocolonial Latin America | 3 | Annually |
| HIST 242 | Modern Latin America | 3 | Annually |
| HIST 258 | Environmental History | 3 | Annually |
| HIST 309 | Europe in the Age of Nationalism, 1850 to 1914 | 3 | As needed |
| HIST 310 | Twentieth-Century Europe | 3 | As needed |
| HIST 313 | The Soviet Union and After | 3 | Alternate years |
| HIST 330 | History of American Immigration | 3 | As needed |
| HIST 336 | The United States and the Emerging World | 3 | Sp |
| HIST 340 | The Muslim World from the Age of Muhammad to 1800 | 3 | As needed |
| HIST 341 | The Muslim World in Modern Times, 1800 to the Present | 3 | As needed |
| HIST 342 | Islam and Politics in Modern History | 3 | As needed |
| HIST 348 | Africa under Colonial Rule | 3 | Annually |

Certification Courses

To be certified to teach history in Rhode Island secondary schools, students must also complete the certification courses listed below. Upon completion, students may be eligible for Rhode Island endorsement to teach economics, geography, political science and social studies.

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| ANTH 101 | Introduction to Cultural Anthropology | 4 | F, Sp |
| ECON 200 | Introduction to Economics | 4 | F, Sp, Su |
| GEOG 200 | World Regional Geography | 4 | F, Sp |
| GEOG 401 | Geography for Social Studies Educators | 4 | Sp |
| POL 202 | American Government | 4 | F, Sp, Su |

Note: ECON 200 will double-count as the General Education Social and Behavioral Sciences distribution (SB).

Total Credit Hours: 46

Secondary Education Mathematics Major

Students electing a major in Mathematics apply to the Feinstein School of Education and Human Development and meet admission requirements that include a 2.75 in their content grade point average (GPA). Students must maintain the content GPA of 2.75 for retention and, along with satisfactorily completing required courses in secondary education (minimum grade B-), complete the following courses to obtain Mathematics certification:

Requirements

Secondary Education

|  |  |  |  |
| --- | --- | --- | --- |
| SED 303 | Inquiry into STEM | 2 | F |
| SED 315 | Teaching Mathematics in a Diverse Classroom | 4 | Sp |
| SED 415 | Rethinking Mathematics Teaching and Learning | 4 | F |
|  |  |  |  |
| SPED 433 | Special Education: Best Practices and Applications | 3 | F, Sp |
|  | -Or- |  |  |
| TESL 402 | Applications of Second Language Acquisition | 3 | F, Sp |

Computer Science

|  |  |  |  |
| --- | --- | --- | --- |
| CSCI 157 | Introduction to Algorithmic Thinking in Python | 4 | F, Sp |

Mathematics

|  |  |  |  |
| --- | --- | --- | --- |
| MATH 212 | Calculus I | 4 | F, Sp, Su |
| MATH 213 | Calculus II | 4 | F, Sp, Su |
| MATH 240 | Statistical Methods I | 4 | F, Sp, Su |
| MATH 300W | Bridge to Advanced Mathematics | 4 | Sp |
| MATH 314 | Calculus III | 4 | F, Sp |
| MATH 315 | Linear Algebra | 4 | F |
| MATH 324 | College Geometry | 4 | F, Sp |
| MATH 431 | Number Theory | 3 | F, Sp |
| MATH 432 | Introduction to Abstract Algebra | 4 | Sp |
| MATH 441 | Introduction to Probability | 4 | F |
| MATH 458 | History of Mathematics | 4 | F |

Physics

|  |  |  |  |
| --- | --- | --- | --- |
| PHYS 101 | Physics for Science and Mathematics I | 4 | F, Sp, Su |
| PHYS 103 | Calculus Applications in Mechanics | 1 | F |

Total Credit Hours: 65

Note: To enroll in SED 415, students must have completed the calculus sequence: MATH 212, MATH 213, MATH 314; in addition to MATH 240, MATH 300, MATH 315, MATH 324; and at least concurrent enrollment in MATH 432. Prior to enrollment in SED 420, SED 421 and SED 422, students must have completed all requirements in the mathematics major.

Secondary Education Social Studies Major

Students electing a major in Social Studies 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 Social Studies certification:

Requirements

Secondary Education

|  |  |  |  |
| --- | --- | --- | --- |
| SED 302 | Teaching and Learning: Humanities in Communities | 2 | F |
| SED 314 | Responsive Social Studies Teaching/Learning I | 4 | Sp |
| SED 414 | Responsive Social Studies Teaching/Learning II | 4 | F |

Core Courses

Anthropology

|  |  |  |  |
| --- | --- | --- | --- |
| ANTH 101 | Introduction to Cultural Anthropology | 4 | F, Sp |
| ANTH 461/FNED 461 | LatinX in the United States | 4 | Annually |

Economics

|  |  |  |  |
| --- | --- | --- | --- |
| ECON 200 | Introduction to Economics | 4 | F, Sp, Su |
|  | -Or- |  |  |
| ECON 214 | Principles of Microeconomics | 3 | F, Sp, Su |
|  | -And- |  |  |
| ECON 215 | Principles of Macroeconomics | 3 | F, Sp, Su |

Geography

|  |  |  |  |
| --- | --- | --- | --- |
| GEOG 200 | World Regional Geography | 4 | F, Sp |
| GEOG 401 | Geography for Social Studies Educators | 4 | Sp |

History Component

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 202 | U.S. History: 1800-1920 | 3 | F, Sp |
| HIST 203 | U.S. History: 1920 to the Present | 3 | F, Sp |
| HIST 281W | History Matters I: Methods and Skills | 3 | F, Sp |

Political Science

|  |  |  |  |
| --- | --- | --- | --- |
| POL 202 | American Government | 4 | F, Sp, Su |
| POL 332 | Civil Liberties in the United States | 4 | F, Sp |

ONE COURSE from European History:

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 234 | Challenges and Confrontations: Women in Europe | 3 | As needed |
| HIST 308 | Europe in the Age of Revolution, 1789 to 1850 | 3 | As needed |
| HIST 309 | Europe in the Age of Nationalism, 1850 to 1914 | 3 | As needed |
| HIST 310 | Twentieth-Century Europe | 3 | As needed |
| HIST 312 | Russia from Peter to Lenin | 3 | Alternate years |
| HIST 313 | The Soviet Union and After | 3 | Alternate years |

ONE COURSE from Africa, Asia, Middle East:

|  |  |  |  |
| --- | --- | --- | --- |
| HIST 236 | Post-Independence Africa | 3 | Annually |
| HIST 238 | Early Imperial China | 3 | As needed |
| HIST 340 | The Muslim World from the Age of Muhammad to 1800 | 3 | As needed |
| HIST 341 | The Muslim World in Modern Times, 1800 to the Present | 3 | As needed |
| HIST 342 | Islam and Politics in Modern History | 3 | As needed |
| HIST 345 | History of China in Modern Times | 3 | As needed |
| HIST 348 | Africa under Colonial Rule | 3 | Annually |

Concentrations

Select one concentration area (A, B, C or D) and then one course from the courses listed for your concentration.

A. Anthropology/Sociology (select one course)

|  |  |  |  |
| --- | --- | --- | --- |
| ANTH 102 | Introduction to Archaeology | 4 | F, Sp |
| ANTH 103 | Introduction to Biological Anthropology | 4 | Sp |
| ANTH 104 | Introduction to Anthropological Linguistics | 4 | F |
| SOC 200 | Introduction to Sociology | 4 | F, Sp |
| SOC 208 | The Sociology of Race and Ethnicity | 4 | F, Sp, Su |

B. Geography (select one course)

|  |  |  |  |
| --- | --- | --- | --- |
| GEOG 100 | Introduction to Environmental Geography | 4 | F, Sp, Su |
| GEOG 337 | Urban Political Geography | 3 | As needed |
| GEOG 338 | People, Houses, Neighborhoods, and Cities | 3 | As needed |
| GEOG 339 | Metropolitan Providence: Past, Present, and Future | 3 | As needed |

C. Global Studies (select one course)

|  |  |  |  |
| --- | --- | --- | --- |
| GLOB 356 | The Atlantic World | 4 | As needed |
| INGO 301 | Global Development | 4 | Sp |
| POL 203 | Global Politics | 4 | F, Sp |
| POL 342 | The Politics of Global Economic Change | 4 | Every third semester |

D. Political Science (select one course)

|  |  |  |  |
| --- | --- | --- | --- |
| POL 203 | Global Politics | 4 | F, Sp |
| POL 204 | Introduction to Political Thought | 4 | F, Sp |

Total Credit Hours: 56-59

Middle School Certification

The certification program in middle school education is for students who wish to teach in a middle school. Students must be enrolled in the secondary education program and must fulfill the following requirements:

1. Complete MLED 230, MLED 331 and MLED 332 (or MLED 310, MLED 320, MLED 330, and MLED 340).

2. Complete 45 practicum hours in middle school settings.

3. Complete the course requirements for a secondary education major in one of the following areas: English (language arts), general science, mathematics or social studies.

Educational Studies Minor

The minor in educational studies consists of 21 credit hours (seven courses), as follows:

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 |
| SPED 333 | Introduction to Special Education: Policies/Practices | 3 | F, Sp |
| TESL 401 | Introduction to Teaching Emergent Bilinguals | 4 | F, Sp |

Total Credit Hours: 21

Secondary Education M.A.T.

Admission Requirements

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

2. Official transcripts of all undergraduate and graduate records.

3. A minimum cumulative grade point average of 3.00 on a 4.00 scale in undergraduate course work.

4. A baccalaureate degree with a major equivalent to an undergraduate major at Rhode Island College in a certification area.

5. Meet the minimum GPA requirement in the major available from the Department of Educational Studies.

6. An official report of scores on the appropriate Praxis II Content Knowledge Test, with a minimum score as established by the Department of Educational Studies.

7. Two Disposition Reference Forms: one from a faculty or supervisor of a child/youth-related activity, and one from a work supervisor.

8. Two letters of recommendation: one from a faculty or supervisor of a child/youth-related activity, and one from a work supervisor.

9. A Statement of Educational Philosophy.

10. A current résumé.

11. An interview with an advisor in the M.A.T. program.

12. A plan of study approved by the advisor and appropriate dean.

DEVELOPING THE PLAN OF STUDY:

When applicants for the MAT in Secondary Education meet with an advisor to develop the Plan of Study, they will review the applicant’s previous transcripts to determine if the applicant needs any courses beyond the degree in order to meet Rhode Island Department of Education certification requirements. These courses might include but are not limited to courses in the content area, FNED 546, CEP 552, SPED 531, SED 501, or SED 502. Some of this content may be previously satisfied by the undergraduate minor in Educational Studies, or equivalent coursework from another institution. Additional courses are not required for the degree but can be added to the plan of study in order to meet RIDE mandates.

Course Requirements

Core Courses

|  |  |  |  |
| --- | --- | --- | --- |
| ~~\*CEP 552~~ | ~~Psychological Perspectives on Learning and Teaching~~ | ~~3~~ | ~~F, Su~~ |
| ~~\*FNED 546~~ | ~~Contexts of Schooling~~ | ~~4~~ | ~~F, Sp~~ |
| ~~\*SED 501~~ | ~~Introduction to Lesson Planning~~ | ~~2~~ | ~~F, Su~~ |
| ~~\*502 502~~ | ~~Introduction to Assessment~~ | ~~2~~ | ~~F, Su~~ |
| SED 503 | Discourses, Literacies and Technologies of Learning | 2 | Sp |
| SED 520 | Introduction to Student Teaching | 2 | Sp |
| SED 521 | Student Teaching in Secondary Schools | 7 | F, Sp |
| SED 522 | Student Teaching Seminar in Secondary Education | 2 | Sp |
| ~~\*SPED 531~~ | ~~Overview of Special Education: Policies/Practices~~ | ~~3~~ | ~~F, Sp, Su~~ |
| TESL 539 | Second Language Acquisition Theory and Practice OR | 3 | F, Sp, Su |
| \*TESL 402 | Applications of Second Language Acquisition Theory | 3 | F, Sp, Su |
|  |  |  |  |

\*TESL 402 may be substituted for TESL 539 if the candidate has already taken the prerequisite TESL 401.

Elective

One 400-500 Level Elective in the Fall

Subtotal: 3-4

Concentration in English Pedagogy

|  |  |  |  |
| --- | --- | --- | --- |
| SED 516 | Teaching and Learning: Humanities in Communities | 2 | Sp |
| SED 517 | Critical Writing and Teaching in School | 4 | Sp |
| SED 518 | Social Justice Teaching in English Education | 4 | F |

Concentration in Mathematics Pedagogy

|  |  |  |  |
| --- | --- | --- | --- |
| 505 505 | Inquiry into STEM | 2 | Sp |
| SED 510 | Mathematics Teaching in a Diverse Classroom | 4 | Sp |
| SED 515 | Rethinking Mathematics Teaching and Learning | 4 | F |

Capstone Course

The capstone experience is incorporated into SED 522 (student teaching seminar). 0 credit hours.

Subtotal 30-31

Total Credit Hours: 30-31















































































































































































































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