# GENERAL INFORMATION section:

# Degree Programs - Undergraduate

## …

## Bachelor of Music (B.M.)

The B.M. degree is offered in

• Music *with concentrations in*

• Music Education

• Performance

## Bachelor of Science (B.S.)

The B.S. degree is offered in the following areas:

•     Accounting

•     Art Education

* Behavioral Health Studies

•     Biology

•     Chemistry *with concentrations in*

•     Biological Chemistry

•     Environmental Chemistry

•     Professional Chemistry

•     Community and Public Health Promotion *with concentrations in*

•     Health and Aging

•     Public Health Promotion

•     Women’s Health

•     Computer Information Systems

•     Computer Science

•     Data Science

•     Early Childhood Education *with concentrations in*

•     Teaching

•     Community Programs

•     Birth to Three

•     Finance

•     Health Care Administration

•     Health Education

•     Health Sciences

•     Health Sciences *with concentrations in*

•     Dental Hygiene Completion

•     Human Services

•     Medical Laboratory Sciences

•     Respiratory Therapy Completion

•     Management *with concentrations in*

•     General Management

•     Human Resource Management

•     Operations Management

•     Marketing

•     Medical Imaging *with concentrations in*

•     Nuclear Medicine Technology

•     Radiologic Technology

•     Certified RT Computed Tomography

•     Certified Medical Imager Management

•     Diagnostic Medical Sonography

•     Physical Education

•     Physics

•     Special Education *with teaching concentrations in*

•     Elementary Special Education

•     Elementary Special Education and Severe Intellectual Disabilities

•     Severe Intellectual Disabilities, Ages Three to Twenty-One

*\*Projected 2018; pending RIDE approval.*

•     Technology Education *with concentrations in*

•     Teaching

•     Applied Technology

•     Wellness and Exercise Science

A program leading to eligibility for specialization in adapted physical education is also available.

Minors are available in accounting, biology, chemistry, coaching, computer information systems, data science, finance, health care

Faculty of Arts and Sciences

Undergraduate Degree Programs

Earl Simson, Dean

Joan Dagle, Associate Dean

|  |  |  |
| --- | --- | --- |
| **Major** | **Degree** | **Concentration** |
| Africana Studies | B.A. |   |
| Anthropology | B.A. |   |
| Art (Studio)  | B.A. or B.F.A. | Ceramics |
|   | B.A. or B.F.A. | Digital Media |
|   | B.A. or B.F.A. | Graphic Design |
|   | B.A. or B.F.A. | Metalsmithing and Jewelry |
|   | B.A. or B.F.A. | Painting |
|   | B.A. or B.F.A. | Photography |
|   | B.A. or B.F.A. | Printmaking |
|   | B.A. or B.F.A. | Sculpture |
| Art Education\* | B.S. |   |
| Art Education\* | B.F.A. | Ceramics *(Admission currently suspended.)* |
|   | B.F.A. | Digital Media *(Admission currently suspended.)* |
|   | B.F.A. | Graphic Design *(Admission currently suspended.)* |
|   | B.F.A. | Metalsmithing and Jewelry *(Admission currently suspended.)* |
|   | B.F.A. | Painting *(Admission currently suspended.)* |
|   | B.F.A. | Photography *(Admission currently suspended.)* |
|   | B.F.A. | Printmaking *(Admission currently suspended.)* |
|   | B.F.A. | Sculpture *(Admission currently suspended.)* |
| Art History | B.A. |   |
| Behavioral Health Studies | B.S. |  |
| Biology\*\* | B.S. |   |
|  |  |  |
| Chemistry\*\* | B.A. |   |
|   | B.A. | Environmental Chemistry |
|   | B.S. | Biochemistry  |
|   | B.S. | Environmental Chemistry |
|   | B.S. | Professional Chemistry |
| Communication | B.A. | Journalism |
|   | B.A. |  Media Communication  |
|   | B.A. | Public and Professional Communication |
|   | B.A. | Public Relations and Advertising |
|   | B.A. | Speech, Language, and Hearing Science |

# Programs section:

# Art Education

**Department of Art**

**Department Chair:** Dianne Reilly

**Art Education Coordinator:** Rebecca Shipe

**Art Education Program Faculty: Associate Professors:** Shipe, Williams

Students **must** consult with their assigned advisor before they will be able to register for courses. The art education program, together with General Education courses, total more than 120 credit hours and may take longer than four years to complete.

Art Education B.S.

Admission Requirements

Students apply to the art education program while enrolled in or after completing ARTE 301: Art Education Concepts and Contexts by completing the Feinstein School of Education and Human Development (FSEHD) online application (see link below) and following the FSEHD admission application instructions. The Department of Art forwards recommendations to FSEHD through this online application. Applicants are then formally accepted into both the FSEHD and to the teacher preparation program in art education.

For acceptance into the teacher preparation program in art education, **students must fulfill the following requirements by the end of the semester in which they apply for admission:**

1. **All FSEHD admission requirements.** Please refer to the FSEHD section of this catalog and see www.ric.edu/feinsteinschooleducationhumandevelopment/Pages/assessment-Admissions.aspx

2. **Art education program-specific admission requirements:**

A. Completion of a plan of study approved by assigned advisor.

B. Completion of a Declaration of Major Form.

C. Completion of six studio foundations courses (ART 101, ART 104, ART 105, ART 107, ART 114, and either ART 204 or ART 205 with a minimum grade of B- in each course). A portfolio review demonstrating minimum grade equivalency is required for program credit for studio art courses taken at another institution or credit for advanced placement courses.

D. Completion of ARTE 301: Art Education Concepts and Contexts, with a minimum grade of B-.

E. Three letters of recommendation from art faculty: one from the student’s 2-D or 3-D synthesis instructor, one from the student’s ARTE 301 instructor, and one from another art studio or art history faculty member.

F. Submission of Art Content Portfolio.

*Note: For information on transferring credit for art studio courses taken at another institution or credit for advanced placement courses, see Transfer Portfolio Guidelines at* www.ric.edu/art/pages/transfer-students.aspx *or obtain guidelines in the main office of Alex and Ani Hall.*

Retention Requirements

1.

A minimum cumulative grade point average (GPA) of 2.75 each semester.

2. Completion of all required studio art and art history courses and all teacher education courses with a minimum grade of B-. (A portfolio review demonstrating minimum grade equivalency is required for program credit for studio art courses taken at another institution or credit for advanced placement courses.)

3. Completion of ARTE 407 and ARTE 409, with a minimum grade of B in each course.

4. In order to student teach, students must successfully complete the FSEHD and the art education program requirements for a Preparing to Teach Portfolio; students must then complete all Student Teaching requirements. See www.ric.edu/feinsteinschooleducationhumandevelopment/Pages/Teacher-Candidates.aspx

The Art Education Advisory Committee will review records of students who do not maintain these criteria. Such students may be dismissed from the program.

Course Requirements

Studio Foundations

|  |  |  |  |
| --- | --- | --- | --- |
| ART 101 | Drawing I: General Drawing | 4 | F, Sp |
| ART 104 | Design I: Two-Dimensional Design | 4 | F, Sp |
| ART 105 | Drawing II | 3 | F, Sp |
| ART 107 | Foundations in Digital Media | 3 | F, Sp, Su |
| ART 114 | Design II: Three-Dimensional Design | 3 | F, Sp |
| ART 204 | Synthesis/Three-Dimensional Emphasis | 3 | F, Sp |
| ART 205 | Synthesis/Two-Dimensional Emphasis | 3 | F, Sp |

Art History

|  |  |  |  |
| --- | --- | --- | --- |
| ART 231W | Prehistoric to Renaissance Art | 4 | F, Sp, Su |
| ART 232W | Renaissance to Contemporary Art | 4 | F, Sp, Su |
| ART 337 | Studies in Modern and Contemporary Art | 3 | Sp, Su |

Note*:* ART 262: Encounters with Global Art *recommended* for Gen Ed Connections course.

Studio Art

THREE COURSES at Studio Level I, in three different studio areas (ceramics, digital media, graphic design, metalsmithing and jewelry, painting, photography, printmaking and sculpture) from:

|  |  |  |  |
| --- | --- | --- | --- |
| ART 202 | Painting I | 3 | F, Sp |
| ART 206 | Ceramics I | 3 | F, Sp |
| ART 207 | Digital Media I | 3 | F, Sp |
|  |   |  |  |
| ART 208 | Printmaking: Intaglio and Monotype | 3 | Sp |
|  | -Or- |  |  |
| ART 218 | Printmaking: Lithography and Relief | 3 | F |
|  |   |  |  |
| ART 217 | Introduction to Photography | 3 | F, Sp |
|  |   |  |  |
| ART 221 | Metalsmithing and Jewelry: Basic Fabrication/Forming | 3 | F, Sp |
|  | -Or- |  |  |
| ART 223 | Metalsmithing and Jewelry: Casting/Duplication Processes | 3 | F, Sp |
|  |   |  |  |
| ART 224 | Graphic Design I | 3 | F, Sp |
|  |   |  |  |
| ART 234 | Sculpture: Wood and Alternate Materials | 3 | Sp |
|  | -Or- |  |  |
| ART 235 | Sculpture: Metal Fabrication | 3 | F |

ONE COURSE at Studio Level II:

|  |  |  |  |
| --- | --- | --- | --- |
| ART 302 | Painting II | 3 | F, Sp |
| ART 306 | Ceramics II | 3 | F, Sp |
| ART 307 | Digital Media II | 3 | F, Sp |
| ART 324 | Graphic Design II | 3 | F, Sp |
| ART 347 | Photography II | 3 | F, Sp |
|  | -Or- |  |  |
|  | Level II metalsmithing and jewelry or printmaking or sculpture by special arrangement and with consent of department chair | 3 |  |

ONE COURSE at Studio Level III:

|  |  |  |  |
| --- | --- | --- | --- |
| ART 40X | Studio III | 3 | F, Sp |

Painting: X=1; Ceramics: X=2; Sculpture: X=3; Graphic Design: X=4; Metalsmithing and Jewelry: X=5; Photography: X=6; Printmaking: X=7; Digital Media: X=8.

Professional Courses

|  |  |  |  |
| --- | --- | --- | --- |
| ARTE 301 | Art Education Concepts and Contexts | 3 | F, Sp |
| ARTE 302 | Art Curriculum Design and Assessment | 3 | F, Sp |
| ARTE 407 | Elementary Practicum in Art Education | 4 | F, Sp |
| ARTE 409 | Secondary Practicum in Art Education | 4 | F, Sp |
| ARTE 420 | Introduction to Art Education Student Teaching | 2 | Early Sp |
| ARTE 426 | Student Teaching in Art Education | 7 | Sp |
| ARTE 464 | Student Teaching Seminar in Art Education | 3 | Sp |
| 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 |
| SPED 333 | Introduction to Special Education: Policies/Practices | 3 | F, Sp |
| TESL 401 | Introduction to Teaching Emergent Bilinguals | 4 | F, Sp |
|  |   |  |  |
| SPED 433 | Special Education: Best Practices and Applications | 3 | F, Sp |
|  | -Or- |  |  |
| TESL 402 | Applications of Second Language Acquisition | 3 | F, Sp |

Note: ART 101, ART 104, ART 231, or ART 232 fulfills the Arts—Visual and Performing (A) category of General Education, and CEP 215 fulfills the Social and Behavioral Science (SB) category.

Total Credit Hours: 95

Art Education B.F.A.

## \*Admission currently suspended\*

Admission to Art Education B.F.A. is currently suspended. Only students accepted to Rhode Island College prior to Fall 2019 can continue in this program.

Admission Requirements

Students apply to the art education program while enrolled in or after completing ARTE 303: Introduction to Art Education by completing the Feinstein School of Education and Human Development (FSEHD) online application (see link below) and following the FSEHD admission application instructions. The Department of Art forwards recommendations to FSEHD through this online application. Applicants are then formally accepted into both the FSEHD and to the teacher preparation program in art education.

For acceptance into the teacher preparation program in art education, **students must fulfill the following requirements by the end of the semester in**  **which they apply for admission:**

1. **All FSEHD admission requirements.** Please refer to the FSEHD section of this catalog and see www.ric.edu/feinsteinschooleducationhumandevelopment/Pages/Admission-Requirements.aspx.

2. **Art education program-specific admission requirements, as follows:**

a. Completion of a plan of study approved by assigned advisor.

b. Completion of a Declaration of Major Form, indicating studio concentration.

c. Completion of all studio foundations courses, with a portfolio review resulting in a minimum grade of B- in each course.

d. Completion of ARTE 303: Introduction to Art Education, with a minimum grade of B-.

e. Three letters of recommendation from art faculty: one from the student’s 2-D or 3-D synthesis instructor, one from the student’s ARTE 303 instructor, and one from another art studio or art history faculty member.

f. Completion of the Studio I course in the concentration, with a minimum grade of B.

g. Submission of a B.F.A. application.

h. A positive portfolio review. The portfolio must include work from studio foundations courses and the introductory studio art course in the concentration. Portfolios are reviewed once per semester. Review dates are posted in Alex and Ani Hall.

i. Submission of Art Content Portfolio.

Note: For information on transferring credit for art studio courses taken at another institution or credit for advanced placement courses, see Transfer Portfolio Guidelines at www.ric.edu/art/Pages/Transfer- Students.aspx or obtain guidelines in the main office of Alex and Ani Hall.

Retention Requirements

1. A minimum cumulative grade point average (GPA) of 2.75 each semester.

2. A minimum grade of B in all studio concentration courses, and a minimum grade of B- in all other required studio and art history courses and in all teacher education courses. (A portfolio review demonstrating minimum grade equivalency is required for program credit for studio art courses taken at another institution or credit for advanced placement courses.)

3. Completion of ARTE 404 and ARTE 405, with a minimum grade of B in each course.

4. In order to student teach, students must successfully complete the FSEHD and the art education program requirements for a Preparing to Teach Portfolio; students must then complete all Student Teaching requirements. See www.ric.edu/feinsteinschooleducationhumandevelopment/Pages/Student-Teaching.aspx.

The Art Education Advisory Committee will review records of students who do not maintain this criteria. Such students may be dismissed from the program.

Course Requirements

Studio Foundations

|  |  |  |  |
| --- | --- | --- | --- |
| ART 101 | Drawing I: General Drawing | 4 | F, Sp |
| ART 104 | Design I: Two-Dimensional Design | 4 | F, Sp |
| ART 105 | Drawing II | 3 | F, Sp |
| ART 107 | Foundations in Digital Media | 3 | F, Sp, Su |
| ART 114 | Design II: Three-Dimensional Design | 3 | F, Sp |
| ART 204 | Synthesis/Three-Dimensional Emphasis | 3 | F, Sp |
| ART 205 | Synthesis/Two-Dimensional Emphasis | 3 | F, Sp |

Art History

|  |  |  |  |
| --- | --- | --- | --- |
| ART 231W | Prehistoric to Renaissance Art | 4 | F, Sp, Su |
| ART 232W | Renaissance to Contemporary Art | 4 | F, Sp, Su |
| ART 337 | Studies in Modern and Contemporary Art | 3 | Sp, Su |

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| ART 331 | Greek and Roman Art | 3 | Sp |
| ART 332 | Renaissance Art | 3 | F |
| ART 333 | Baroque Art | 3 | Sp |
| ART 334 | Studies in American Art and Architecture | 3 | F |
| ART 336 | Studies in Nineteenth-Century European Art | 3 | F |
| ART 338 | History of Photography | 3 | Sp |

Courses in Concentration

Students select a studio concentration in ceramics, digital media, graphic design, metalsmithing and jewelry, painting, photography, printmaking, or sculpture.

Painting: X=1; Ceramics: X=2; Sculpture: X=3; Graphic Design: X=4; Metalsmithing and Jewelry: X=5; Photography: X=6; Printmaking: X=7; Digital Media: X=8.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Studio I (one 200-level course) | 3 |  |
|  | Studio II (one 200- or 300-level course) | 3 |  |
| ART 400 | Issues for the Studio Artist | 4 | F, Sp |
| ART 40X | Studio III | 3 | F, Sp |
| ART 41X | B.F.A. Studio III | 3 | F, Sp |
| ART 42X | Studio IV | 3 | F, Sp |
| ART 43X | B.F.A. Studio IV | 3 | F, Sp |
| ART 44X | Studio V | 3 | F, Sp |
| ART 45X | B.F.A. Studio V | 3 | F, Sp |

Additional Studio Courses

|  |  |  |  |
| --- | --- | --- | --- |
| ART 202 | Painting I | 3 | F, Sp |
| ART 206 | Ceramics I | 3 | F, Sp |

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| ART 208 | Printmaking: Intaglio and Monotype | 3 | Sp |
| ART 217 | Introduction to Photography | 3 | F, Sp |
| ART 218 | Printmaking: Lithography and Relief | 3 | F |

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| ART 221 | Metalsmithing and Jewelry: Basic Fabrication/Forming | 3 | F, Sp |
| ART 223 | Metalsmithing and Jewelry: Casting/Duplication Processes | 3 | F, Sp |
| ART 234 | Sculpture: Wood and Alternate Materials | 3 | Sp |
| ART 235 | Sculpture: Metal Fabrication | 3 | F |

Electives

|  |  |  |  |
| --- | --- | --- | --- |
|  | ONE ADDITIONAL STUDIO COURSE at the 200- or 300-level | 3 |  |

Professional Courses

|  |  |  |  |
| --- | --- | --- | --- |
| ARTE 303 | Introduction to Art Education | 3 | F, Sp |
| ARTE 404 | Secondary Practicum in Art Education | 3 | F, Sp |
| ARTE 405 | Elementary Practicum in Art Education | 3 | F, Sp |
| ARTE 426 | Student Teaching in Art Education | 7 | Sp |
| ARTE 464 | Student Teaching Seminar in Art Education | 3 | Sp |
| 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 |
| SPED 333 | Introduction to Special Education: Policies/Practices | 3 | F, Sp |
| TESL 401 | Introduction to Teaching Emergent Bilinguals | 4 | F, Sp |

CHOOSE ONE of the following:

|  |  |  |  |
| --- | --- | --- | --- |
| SPED 433 | Special Education: Best Practices and Applications | 3 | F, Sp |
| TESL 402 | Applications of Second Language Acquisition | 3 | F, Sp |

Total Credit Hours: 121

Art M.A.—with Concentration in Art Education

The M.A. in art with concentration in art education does not lead to teacher certification. Students interested in pre-K–12 art teacher certification should see the M.A.T. program in art education.

Admission Requirements

1. A completed online application, accompanied by a $50 nonrefundable application fee. Graduate applications are available online at www.ric.edu/graduatestudies/.

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. An official report of scores on the Graduate Record Examination or the Miller Analogies Test.

5. A current résumé outlining educational, art and work experiences.

6. Three letters of recommendation attesting to the candidate's potential to do graduate work and potential to be successful in an art education career.

7. A bachelor’s degree in art education or its equivalent, including 45 credit hours of art courses.

8. A representative portfolio of art work following the Art Education program's guidelines for portfolio submission, available from the art education graduate program director.

9. A statement of purpose.

10. An interview with the art education graduate program director.

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

Course Requirements

Art and Art Education

|  |  |  |  |
| --- | --- | --- | --- |
|  | TWO COURSES in art studio, history, or theory at the 400- or 500-level | 6 |  |
|  | ONE COURSE in art history, art theory, aesthetics or other advisor-approved course related to art or visual communications at the 400- or 500-level | 3 |  |
| ARTE 515 | Curriculum in Art Education | 3 | F |

Professional Education Component

|  |  |  |  |
| --- | --- | --- | --- |
| FNED 502 | Social Issues in Education | 3 | F, Sp, Su |
| SPED 531 | Overview of Special Education: Policies/Practices | 3 | F, Sp, Su |

Professional Concentration

|  |  |  |  |
| --- | --- | --- | --- |
|  | TWELVE CREDIT HOURS OF COURSES chosen from approved areas | 12 |  |

Research and Thesis

|  |  |  |  |
| --- | --- | --- | --- |
| ART 691 | Thesis | 3 | As needed |
| ARTE 591 | Readings and Research in Art Education | 3 | As needed |

Total Credit Hours: 36

Art Education M.A.T.

The M.A.T. in art education is designed for pre-K–12 art teacher certification.

Admission Requirements

1. A completed online application, accompanied by a $50 nonrefundable application fee. Graduate applications are available online at www.ric.edu/graduatestudies/.

2. A current résumé outlining educational and work experiences and highlighting experiences with both art and children/youth.

3. Official transcripts of all undergraduate and graduate records.

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

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

6. A written Statement of Educational Philosophy, with scored rubric, following the specific directions provided by the Feinstein School of Education and Human Development (FSEHD).

7. An interview with the art education graduate program director.

8. A minimum of 45 credit hours of studio art and art history courses.

9. A representative portfolio of art work following the Art Education program's guidelines for portfolio submission, available from the art education program coordinator.

10. Three letters of recommendation attesting to the candidate's potential to do graduate work and potential to be successful in an elementary and/or secondary level art teaching career.

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

Retention Requirements

1. A minimum cumulative grade point average (GPA) of 3.0 each semester and for graduation.

2. Completion of all required studio art and art history courses and all teacher education courses with a minimum grade of B. (A portfolio review demonstrating minimum grade equivalency is required for program credit for studio art courses taken at another institution.)

3. Completion of ARTE 507 and 509, with a minimum grade of B in each course.

4. In order to student teach, students must successfully complete the FSEHD and the art education program requirements for a Preparing to Teach Portfolio; students must then complete all Student Teaching requirements. See www.ric.edu/feinsteinschooleducationhumandevelopment/Pages/Teacher-Candidates.aspx

5. Also, see the Academic Policies and Requirements – Graduate section of this catalog, the Rhode Island College Graduate Studies webpage (www.ric.edu/graduatestudies/Pages/Graduate-Degrees.aspx), and the Graduate Studies Policies and Procedures Manual for additional requirements and information.

The Art Education Advisory Committee will review records of students who do not maintain these criteria. Such review may result in the student being placed on probation or dismissed from the program.

Course Requirements

Foundations Education Component

|  |  |  |  |
| --- | --- | --- | --- |
| CEP 552 | Psychological Perspectives on Learning and Teaching | 3 | F, Su |
| FNED 546 | Contexts of Schooling | 4 | F, Sp |
| SPED 531 | Overview of Special Education: Policies/Practices | 3 | F, Sp, Su |
| TESL 401 | Introduction to Teaching Emergent Bilinguals | 4 | F, Sp |

Professional Art Education Component

|  |  |  |  |
| --- | --- | --- | --- |
| ARTE 501 | Graduate Art Education Concepts and Contexts | 3 | F, Sp |
| ARTE 502 | Graduate Art Curriculum Design and Assessment | 3 | F, Sp |
| ARTE 507 | Graduate Elementary Practicum in Art Education | 4 | F, Sp |
| ARTE 509 | Graduate Secondary Practicum in Art Education | 4 | F, Sp |
| ARTE 520 | Graduate Art Education Student Teaching Introduction | 2 | Early Sp |
| ARTE 527 | Graduate Student Teaching in Art Education | 5 | Sp |
| ARTE 565 | Graduate Art Education Student Teaching Seminar | 2 | Sp |
| ARTE 595 | Research to Inform Art Education Practice | 2 | F, Sp |

Academic Disciplines Component

|  |  |  |  |
| --- | --- | --- | --- |
|  | ONE COURSE in art history, art theory, aesthetics or other advisor-approved course related to art or visual communications at the 400- or 500-level | 3 |  |
|  | -And- |  |  |
|  | A MINIMUM OF TWO COURSES in studio art at the 400- or 500-level (minimally one course at the 500-level) | 6 |  |

Note: If a student lacks sufficient background in art history, ceramics, design, digital media, drawing, metalsmithing and jewelry, painting, photography, printmaking or sculpture, additional art courses may be required.

Total Credit Hours: 48

# Behavioral Health Studies

**Department of Psychology**

**Department Chair:** Bethany Lewis

**Behavioral Health Studies Program Director:** George Ladd

**Behavioral Health Studies Clinical Supervisor:** Bethany Lewis

**Behavioral Health Studies Program Faculty: Associate Professors** Dottolo, Ladd, Lewis, Spas

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

BEHAVIORAL HEALTH Studies B.S.

Admission Requirements

Students must have a minimum grade of B- in PSYC 217, PSYC 351, and PSYC 452; and a minimum grade point average of 2.50 in all courses taken in the program prior to admission.

Retention Requirements

Students must have a minimum grade point average of 2.50 in the major, and a minimum grade of B- in PSYC 425, PSYC 471, and PSYC 472. Enrollment in PSYC 471 and PSYC 472 requires prior admission into the behavioral health studies program. In their junior year, students should file an application with the program director.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| PSYC 110 | Introduction to Psychology | 4 | F, Sp, Su |
| PSYC 215 | Social Psychology | 4 | F, Sp, Su |
| PSYC 217 | Drugs and Chemical Dependency | 4 | F, Sp |
| PSYC 221W | Research Methods I: Foundations | 4 | F, Sp, Su |
| PSYC 230 | Human Development | 4 | F, Sp, Su |
| PSYC 251 | Personality | 4 | F, Sp, Su |
| PSYC 320 | Research Methods II: Behavioral Statistics | 4 | F, Sp |
| PSYC 345 | Physiological Psychology | 4 | F, Sp |
| PSYC 351 | Psychology of Human Diversity | 4 | F, Sp |
| PSYC 354 | Psychopathology | 4 | F, Sp |
| PSYC 425 | Community Psychology | 4 | F |
| PSYC 452 | Theories of Psychological Intervention | 4 | Sp |
| PSYC 471 | Practicum in Behavioral Health Studies | 4 | F |
| PSYC 472 | Internship in Behavioral Health Studies | 4 | Sp |
| PSYC 476W | Research Methods III: Applied Lab | 4 | Annually |

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| PSYC 332 | Adolescent Psychology | 4 | Annually |
| PSYC 335 | Family Psychology | 4 | Annually |
| PSYC 339 | Psychology of Aging | 4 | Annually |

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| PSYC 421 | Behavior Modification | 4 | Annually |
| PSYC 422 | Psychological Testing | 4 | Annually |
| PSYC 423 | Psychology and the Law | 4 | Annually |
| PSYC 424 | Health Psychology | 4 | Annually |

Total Credit Hours: 68

# Biology

**Department of Biology**

**Mission Statement:**

The mission of the Biology Department is to provide students with broad-based knowledge and experience in the investigative methods of life science. We support several curricula including general education, health sciences and undergraduate and graduate studies in biology. A faculty with diverse areas of expertise interacts closely with students in small classes, laboratories and field settings. We emphasize critical thinking skills and experiential learning while nurturing the intellectual development of our diverse student population. We foster scientific literacy such that our students make informed choices and act as responsible citizens.

**Department Chair:**Dana Kolibachuk

**Department Faculty: Professor** Merson, de Gouvenain; **Associate Professors**Hewins, Hall, Holmes, Kinsey, Kolibachuk, Resende da Maia, Roberts, Stilwell; **Assistant Professors** Britt, Carrier, Conklin, DiLibero, Held, Patterson, Toorie

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

Biology B.S.

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 241 | Biology Research Colloquium | 0.5 | F, Sp |
| BIOL 314 | Genetics | 4 | F |
| BIOL 318 | Ecology | 4 | F |
| BIOL 320 | Cell and Molecular Biology | 4 | Sp |
| BIOL 460W | Biology Senior Seminar | 3 | F, Sp |

Note: BIOL 241: (take twice for 0.5 credits each)

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 | As needed |
| BIOL 353 | The Plant Kingdom | 4 | As needed |
| BIOL 354 | Plant Growth and Development | 4 | As needed |

TWO ADDITIONAL COURSES in biology at the 300-level or above

(One of the two courses may consist of 3 or more credits in BIOL 491-494.)

Cognates

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 103 | General Chemistry I | 4 | F, Sp, Su |
| CHEM 104 | General Chemistry II | 4 | F, Sp, Su |
| CHEM 205W | Organic Chemistry I | 4 | F, Su |
| CHEM 206W | Organic Chemistry II | 4 | Sp, Su |
|  |   |  |  |
| MATH 240 | Statistical Methods I | 4 | F, Sp, Su |
|  | -Or- |  |  |
| BIOL 240 | Biostatistics | 4 | As needed |
|  |   |  |  |
| MATH 209 | Precalculus Mathematics | 4 | F, Sp, Su |
|  | -Or- |  |  |
| MATH 212 | Calculus I | 4 | F, Sp, Su |
|  |   |  |  |
| PHYS 101 | Physics for Science and Mathematics I | 4 | F, Sp, Su |
|  | -And- |  |  |
| PHYS 102 | Physics for Science and Mathematics II | 4 | F, Sp, Su |

Total Credit Hours: 70-72

Biology Minor

Course Requirements

The minor in biology consists of a minimum of 21 credit hours, as follows:

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 |

and a minimum of 9 additional credits from BIOL 231 or any others at the 300-level or above.

Total Credit Hours: 21-24

Biology M.A.

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 minimum of 24 credit hours of courses in biology, including those courses required of RIC undergraduate biology majors.

5. A minimum of 6 credit hours of courses in physics.

6. A minimum of 16 credit hours of courses in chemistry, including organic chemistry.

7. An official report of scores on the Graduate Record Examination, including the general test and the subject test in biology. (This may be waived for RIC graduates in biology.)

8. Three letters of recommendation.

9. A faculty research advisor must be identified.

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

11. An interview. (This may be waived for RIC graduates in biology.)

Retention Requirements

1. Students must maintain an overall graduate G.P.A. of 3.0 or above (B grade or better in each course).

2. Students must remain continuously enrolled in at least 1 credit of required coursework per semester (summer sessions are optional).

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 560 | Graduate Seminar | 1 | F |
| BIOL 651-654 | Advanced Topics in Biology | 1-4 | F, Sp, Su |
| BIOL 691-696 | Directed Research | 1-6 | F, Sp, Su |
|  | ADDITIONAL COURSES in science at the graduate level | 18-21 |  |
|  | WRITTEN THESIS based on the research done in BIOL 691–696 |  |  |

Note: BIOL 560: Taken twice for a total of 2 credits.

Note: BIOL 691-696: 6 credit hours minimum

Note: Additional courses in science: 12 to 15 credit hours must be in biology for a total of 24 credit hours of biology courses.

Total Credit Hours: 30

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# Chemistry

**Department of Physical Sciences**

**Department Chair:** Sarah Knowlton

**Chemistry Program Faculty: Professors** Almeida, Cooley, Lamontagne, Knowlton, E. Magyar, J. Magyar, Williams Jr.; **Associate Professors**Towle-Weicksel**,** Leung

Students **must** consult with their assigned advisor before they will be able to register for courses. This program also has specific retention requirements, which may be obtained from the advisor.

Chemistry B.A.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 103 | General Chemistry I | 4 | F, Sp, Su |
|  | -Or- |  |  |
| CHEM 103H | Honors General Chemistry I | 4 | F |
|  |   |  |  |
| CHEM 104 | General Chemistry II | 4 | F, Sp, Su |
|  | -Or- |  |  |
| CHEM 104H | Honors General Chemistry II | 4 | Sp |
|  |   |  |  |
| CHEM 205W | Organic Chemistry I | 4 | F, Su |
| CHEM 206W | Organic Chemistry II | 4 | Sp, Su |
| CHEM 310 | Biochemistry | 4 | F |
| CHEM 403 | Inorganic Chemistry I | 3 | F |
|  |   |  |  |
| CHEM 404W | Analytical Chemistry | 4 | Sp (even years) |
|  | -Or- |  |  |
| CHEM 416W | Environmental Analytical Chemistry | 4 | Sp (odd years) |
|  |   |  |  |
| CHEM 405 | Physical Chemistry I | 3 | F |
| CHEM 407W | Physical Chemistry Laboratory I | 1 | F |

CHOOSE ONE OF THE OPTIONS below

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 406 | Physical Chemistry II | 3 | Sp |
|  | -Or- |  |  |
|  |   |  |  |
| CHEM 412 | Inorganic Chemistry II | 2 | Sp |
|  | -And- |  |  |
| CHEM 413 | Inorganic Chemistry Laboratory | 1 | Sp |
|  |   |  |  |
|  | -Or- |  |  |
| CHEM 414 | Instrumental Methods of Analysis | 4 | Sp (odd years) |
|  | -Or- |  |  |
| CHEM 418 | Marine Environmental Chemistry | 4 | F (even years) |
|  | -Or- |  |  |
| CHEM 419 | Biochemistry Mechanisms | 3 | Sp |
|  | -Or- |  |  |
| CHEM 420 | Biochemistry of Proteins and Nucleic Acids | 3 | F, Sp (odd years) |
|  | -Or- |  |  |
| CHEM 422 | Biochemistry Laboratory | 3 | Sp |
|  | -Or- |  |  |
| CHEM 425 | Advanced Organic Chemistry | 4 | F (odd years) |
|  | -Or- |  |  |
| CHEM 435 | Pharmacology and Toxicology | 3 | As needed |

Note: MATH 314 Calculus III is a prerequisite for CHEM 406.

Cognates

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

Note: Prior to enrolling in any Chemistry course students must have completed the college mathematics competency.

Subtotal: 50-51

Course Requirements — Concentration in Environmental Chemistry

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 103 | General Chemistry I | 4 | F, Sp, Su |
| CHEM 104 | General Chemistry II | 4 | F, Sp, Su |
| CHEM 205W | Organic Chemistry I | 4 | F, Su |
| CHEM 206W | Organic Chemistry II | 4 | Sp, Su |
| CHEM 310 | Biochemistry | 4 | F |
| CHEM 403 | Inorganic Chemistry I | 3 | F |
| CHEM 405 | Physical Chemistry I | 3 | F |
| CHEM 407W | Physical Chemistry Laboratory I | 1 | F |
| CHEM 416W | Environmental Analytical Chemistry | 4 | Sp (odd years) |
| CHEM 418 | Marine Environmental Chemistry | 4 | F (even years) |

Cognates

|  |  |  |  |
| --- | --- | --- | --- |
| MATH 212 | Calculus I | 4 | F, Sp, Su |
| 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 |
|  |   |  |  |
| PSCI 212 | Introduction to Geology | 4 | F, Su |
|  | -Or- |  |  |
| PSCI 217 | Introduction to Oceanography | 4 | Sp |

Subtotal: 55

Chemistry B.S

Course Requirements — Concentration in Biochemistry

The B.S. degree program is approved by the American Chemical Society.

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| CHEM 103 | General Chemistry I | 4 | F, Sp, Su |
|  | -Or- |  |  |
| CHEM 103H | Honors General Chemistry I | 4 | F |

# COURSE DESCRIPTIONS

# NURS - Nursing

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NURS 390 - Directed Study (3)

Designed to be a substitute for a traditional course under the instruction of a faculty member. This course may be repeated with a change in topic.

Prerequisite: Consent of instructor, department chair and dean.

Offered: As needed.

NURS 391 - Independent Study in Nursing (3)

Students select a topic and undertake concentrated research or creative activity under the mentorship of a faculty member. This course may be repeated with a different topic or continuation of a non-honors project.

Prerequisite: Consent of instructor, department chair and dean.

Offered: Fall, Spring.

NURS 491 - Independent Study I (3)

Students select a topic and undertake concentrated research or creative activity under the mentorship of a faculty member.

Prerequisite: Consent of instructor, department chair and dean, and admission to the nursing honors program.

Offered: As needed.

NURS 492 - Independent Study II (3)

This course continues the development of research or activity begun in NURS 491. For departmental honors, the project requires final assessment form the department.

Prerequisite: NURS 491, and consent of instructor, department chair and dean.

Offered: As needed.

NURS 501 - Research Methods for Advanced Nursing Practice (3)

Overview of research methods which are used for clinical inquiry in nursing practice. Focus is on the formulation of a question that can be developed into a clinical inquiry project.

Prerequisite: Graduate status in nursing or consent of M.S.N. graduate program director.

Offered: Fall, Summer.

NURS 502 - Health Care Systems (3)

Topics covered are organizational structure, resources, current technology, informational systems, outcome measures, safety initiatives, health care policy, and ethics. The central role of the patient in health care decision making is also examined.

Prerequisite: Graduate status in nursing or consent of M.S.N. graduate program director.

Cross-Listed as: HCA 502

Offered: Fall, Spring.

NURS 503 - Professional Role Development (3)

Behaviors that promote change and collaboration in practice environments are examined, including concepts of leadership, communication, power, and problem solving.

Prerequisite: Graduate status in nursing or consent of M.S.N. graduate program director.

Offered: Spring, Summer.

NURS 504 - Advanced Pathophysiology (3)

# PSYC - Psychology

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PSYC 452 - Theories of Psychological Intervention (4)

Theory and methods of psychological and behavioral interventions are presented. Focus is on an evidence-based approach to treating psychological disorders, including substance abuse.

Prerequisite: PSYC 217 and PSYC 354 or equivalents.

Offered: Spring.

PSYC 471 - Practicum in Behavioral Health Studies (4)

Students practice intervention strategies, with emphasis on self-awareness and self-assessment. Observation and evaluation is conducted by the practicum supervisor. 5 contact hours.

Prerequisite: Acceptance into the B.S. in chemical dependency/addiction studies program and PSYC 351 and PSYC 452.

Offered: Fall.

PSYC 472 - Internship in Behavioral Health Studies (4)

Students gain field experience in an agency providing substance abuse services. Included are weekly seminar sessions, on-site visits, and field consultation. 15 contact hours.

Prerequisite: PSYC 425, PSYC 471, and approval of practicum and internship instructors.

Offered: Spring.

PSYC 474W - Research Methods III: General Psychology Lab (4)

Students will engage in laboratory and/or field research designs, procedures, analyses, and interpretation of data. Specific disciplinary area of psychology will vary with instructor. This is a Writing in the Discipline (WID) course. 5 contact hours.

Prerequisite: PSYC 320; and at least TWO from PSYC 215, PSYC 230 or PSYC 251; and at least ONE course from PSYC 331, PSYC 332, PSYC 335, PSYC 339, PSYC 341, PSYC 344, PSYC 345, PSYC 347, PSYC 349, PSYC 351, PSYC 354, PSYC 456, or PSYC 421, PSYC 422, PSYC 423, PSYC 424, PSYC 425, or PSYC 426.

Offered: Fall, Spring.

PSYC 476W - Research Methods III: Applied Lab (4)

Standard research procedures, research design, and analysis and interpretation of data from the applied and human services areas of psychology are presented. This is a Writing in the Discipline (WID) course. 5 contact hours.

Prerequisite: PSYC 320 and at least one course from PSYC 351, PSYC 354, PSYC 356, PSYC 421, PSYC 422, PSYC 423, PSYC 424, PSYC 425.

Offered: Annually.

PSYC 491 - Independent Study I (3)

Students select a topic and undertake concentrated research or creative activity under the mentorship of a faculty member.

Prerequisite: PSYC 221 or equivalent, 6 credit hours of 300-level psychology courses; consent of instructor, department chair and dean; and admission to the psychology honors program.

Offered: As needed.

PSYC 492 - Independent Study II (3)

This course continues the development of research or activity begun in PSYC 491. For departmental honors, the project requires final assessment from the department.