

# CHILDHOOD EDUCATION (BIOLOGY), BS

## Requirements

| Code   | Title   | Hours |
|--|---|-------|
| <b>General Education Program</b>                 |   |       |
| Understanding College (FS)                       |   | 1     |
| Writing and Presentation (WR11 & OC1)            |   | 6     |
| Mathematics (QR)                                 |   | 3-4   |
| MAT-1107   | Algebra and Trigonometry for Science Majors (Mathematics (QR1))     | 4     |
| Information Literacy, Media, and Research (ITML) |   | 3     |
| Creative Voices Across Cultures (HCE)            |   | 6     |
| Science at Work (NPW)                            |   | 6-10  |
| CHE-1101   | Chemistry and Life I  |       |
| PHY-1001   | Physics and the Modern World  |       |
| Ethics, Reality, and Logic (PEM)                 |   | 6     |
| Individual and Societies (SEH)                   |   | 6     |
| Our World, Past and Present (WHG)                |   | 6     |
| Personal Wellness (FH)                           |   | 2-3   |
| Religion and Culture (RS)                        |   | 3     |
| <b>Education Major</b>                           |   |       |
| ED-1201  | Foundations of Education  | 3     |
| ED-2020  | Educational Psychology  | 3     |
| ED-2100  | Assessment and Evaluation   | 3     |
| PSY-2201   | Developmental Psychology I  | 3     |
| SED-2040   | Introduction to Special Education                                   | 3     |
| ED-3000  | Teaching With Technology  | 3     |
| ED-4350  | Literacy Instruction for English Language Learners                  | 3     |
| ED-4990  | Supervised Student Teaching <sup>1</sup>                            | 6     |
| CED-2200   | Methods of Effective Teaching in the Inclusive Classroom (1-6)      | 3     |
| CED-3000   | Methods of Instruction in Science (grades 1-6)                      | 3     |
| CED-3200   | Methods of Instruction in Mathematics (grades 1-6)                  | 3     |
| CED-3300   | Methods of Instruction in Writing (grades 1-6)                      | 3     |
| CED-3700   | Methods of Instruction in Social Studies And Geography (grades 1-6) | 3     |
| CED-4300   | Methods of Instruction in Beginning Reading (grades 1-6)            | 3     |
| Select two foreign language courses in sequence  |   | 6     |
| BIO-1107   | Anatomy and Physiology I  | 4     |
| BIO-1108   | Anatomy and Physiology II   | 4     |
| BIO-1201   | General Biology 1   | 3     |
| BIO-1201L  | General Biology 1 Laboratory  | 2     |
| BIO-1202   | General Biology 2   | 3     |
| BIO-1202L  | General Biology 2 Laboratory  | 2     |
| BIO-2204   | Ecology   | 3     |
| BIO-2204L  | Ecology Laboratory  | 1     |
| Select two of the following:                     |   | 8     |
| BIO-2202   | Comparative Anatomy   |       |

|                    |                              |                |
|--------------------|------------------------------|----------------|
| BIO-2203           | Invertebrate Zoology         |                |
| BIO-2250           | Introduction to Cell Biology |                |
| BIO-3302           | Botany                       |                |
| BIO-3303           | Genetics                     |                |
| MAT-2301           | Statistics                   | 3              |
| <b>Total Hours</b> |                              | <b>136-142</b> |

<sup>1</sup> The successful completion of ED-4990 Supervised Student Teaching satisfies the College's Comprehensive Examination/Thesis requirement

In keeping with our mission at St. Francis College, the courses you take across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

## Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

## Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

## Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.