Model First-Semester Programs

Curricula leading to the Bachelor of Science or Bachelor of Arts programs are provided by the various departments. In order to ensure that the appropriate required courses are selected, the following program models were developed for your use. Be sure to select all required courses in your online registration form when completing the Bachelor of Arts form. For a more detailed discussion of course requirements, refer to the University Catalog online.

College of Arts & Sciences

For students who are undecided or interested in a non-science major

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Foundation Seminar</td>
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<tr>
<td>Social Science Course</td>
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<tr>
<td>Arts &amp; Humanities</td>
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<tr>
<td>Natural Science &amp; Mathematics or Foreign Language</td>
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Pre-Med with any major

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<tr>
<td>Foundation Seminar</td>
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<tr>
<td>CHEM 205 or 207</td>
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<tr>
<td>Elective or BIOL 205</td>
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<tr>
<td>Elective or MATH 201</td>
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Majors offering both BA and BS degrees

ANIMAL BEHAVIOR

Bachelor of Science

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<td>ANBE 266</td>
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<td>BIOL 205</td>
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Bachelor of Arts

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BIOLOGY

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Bachelor of Arts

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CHEMISTRY

Bachelor of Science

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Bachelor of Arts

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COMPUTER SCIENCE

Bachelor of Science

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<tbody>
<tr>
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<td>CSCI 203</td>
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<td>MATH 201</td>
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Bachelor of Arts

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EDUCATION

Bachelor of Science

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<tbody>
<tr>
<td>Foundation Seminar</td>
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<tr>
<td>EDUC 101</td>
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### GEOLOGY and ENVIRONMENTAL GEOSCIENCES

**Bachelor of Science**
- Foundation Seminar: 1.0
- GEOL 203 or GEOL 204: 1.0
- MATH 201\(^1\): 1.0
- Elective: 1.0

**Bachelor of Arts**
- Foundation Seminar: 1.0
- GEOL 203 or GEOL 204: 1.0
- Elective: 1.0
- Elective: 1.0

### MATHEMATICS

**Bachelor of Science**
- Foundation Seminar: 1.0
- MATH 201\(^1\): 1.0
- Physics 211: 1.0
- Elective: 1.0
- MATH 208\(^4\): 0.5

**Bachelor of Arts**
- Foundation Seminar: 1.0
- MATH 201\(^1\): 1.0
- Elective: 1.0
- Elective: 1.0
- MATH 208\(^4\): 0.5

### PHYSICS

**Bachelor of Science**
- Foundation Seminar: 1.0
- MATH 201\(^1\): 1.0
- PHYS 211: 1.0
- Elective: 1.0

**Bachelor of Arts**
- Foundation Seminar: 1.0
- MATH 201\(^1\): 1.0
- PHYS 211: 1.0
- Elective: 1.0

### Other Majors in the College of Arts & Sciences

#### ENVIRONMENTAL SCIENCE
**Requires second BA major in Biology, Chemistry, or Geology**
- Foundation Seminar: 1.0
- BIOL 205, CHEM 205, or GEOL 203: 1.0
- MATH 201\(^1\): 1.0
- Elective: 1.0

#### APPLIED MATHEMATICAL SCIENCES
- Foundation Seminar: 1.0
- MATH 201\(^1\): 1.0
- Elective: 1.0
- Elective: 1.0
- MATH 208\(^4\): 0.5

#### CELL BIOLOGY/BIOCHEMISTRY
- Foundation Seminar: 1.0
- BIOL 205: 1.0
- CHEM 205 or CHEM 207: 1.0
- MATH 201\(^1\): 1.0

#### NEUROSCIENCE
- Foundation Seminar: 1.0
- BIOL 205: 1.0
- PSYC 100\(^9\): 1.0
- Elective\(^2\): 1.0

#### ENVIRONMENTAL STUDIES
- Foundation Seminar: 1.0
- GEOL 203: 1.0
- Elective: 1.0
- Elective: 1.0

#### MATHEMATICAL ECONOMICS
- Foundation Seminar: 1.0
- ECON 101: 1.0
- MATH 201\(^1\): 1.0
- Elective: 1.0

#### STATISTICS
- Foundation Seminar: 1.0
- CSCI 203: 1.0
- MATH 201\(^1\): 1.0
- Elective: 1.0
- MATH 208\(^4\): 0.5

#### BIOPHYSICS
- Foundation Seminar: 1.0
- Physics 211: 1.0
- Math 201\(^1\): 1.0
- BIOL 205: 1.0
### BACHELOR OF MUSIC

- **Foundation Seminar** 1.0
- **MUSC 152** Audit
- **MUSC 135** or Elective 1.0
- Elective 1.0
- Elective or MUSC 121 1.0
- Lessons (applied music) Variable Credit
- Ensemble(s) Audit

#### College of Engineering

**ENGINEERING (All majors)**

- **ENGR 100** 1.0
- **MATH 201** 1.0
- **PHYS 211** 1.0
- **W1 course** 1.0

#### Freeman College of Management

**ACCOUNTING**

- Foundation Seminar 1.0
- ANOP 102 1.0
- Elective 1.0
- Elective 1.0
- MGMT 100 0.5

**BUSINESS ANALYTICS**

- Foundation Seminar 1.0
- MATH 201 1.0
- ANOP 102 or ECON 101 1.0
- Elective 1.0
- MGMT 100 0.5

**FINANCE**

- Foundation Seminar 1.0
- ANOP 102 or ECON 101 1.0
- Elective 1.0
- Elective 1.0
- MGMT 100 0.5

**UNDECIDED**

- Foundation Seminar 1.0
- ANOP 102 or ECON 101 1.0
- Elective 1.0
- Elective 1.0
- MGMT 100 0.5

**GLOBAL MANAGEMENT**

- Foundation Seminar 1.0
- ANOP 102 or ECON 101 1.0
- Elective 1.0
- Elective 1.0
- MGMT 100 0.5

**MANAGING FOR SUSTAINABILITY**

- Foundation Seminar 1.0
- ANOP 102 or ECON 101 1.0
- Elective 1.0
- Elective 1.0
- MGMT 100 0.5

**MARKETS, INNOVATION, & DESIGN**

- Foundation Seminar 1.0
- ANOP 102 or ECON 101 1.0
- Elective 1.0
- Elective 1.0
- MGMT 100 0.5

**MANAGEMENT & ORGANIZATIONS**

- Foundation Seminar 1.0
- ANOP 102 or ECON 101 1.0
- Elective 1.0
- Elective 1.0
- MGMT 100 0.5

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1. If you receive AP or transfer credit for MATH 201, then you begin with the appropriate calculus course MATH 202 or MATH 211.
CHEM 205 or CHEM 207 are strongly recommended as an appropriate elective, particularly for pre-med students.

Students scoring 4 or 5 on the Computer Science A AP exam should contact the department chair.

Recommended, but not required.

Music Education majors should consult with Professor Nick Roseth (ner008@bucknell.edu) before selecting their choices for Foundation Seminars to ensure that the selected seminars fulfill the relevant Pennsylvania Department of Education requirement in addition to fulfilling a requirement of Bucknell’s core curriculum.

Music education majors only: MUSC 135 Intro to Music Education. Vocal Performance will take an elective.

Music majors: All music majors, whether they anticipate enrolling in the BA music degree or have already been accepted into a BMus degree program will complete an online music theory assessment instrument before registering for classes to determine whether they need to take Introduction to Music Theory (MUSC 121) during the fall semester. The assessment instrument will be accessible from the Department of Music web page. MUSC 121 does not count toward the major; however, students are expected to have an understanding of the fundamentals of music, standard notation, meter, triads and basic harmonic progressions before enrolling in MUSC 200 (Diatonic Theory) in the spring. Students may contact the department chair (bl027@bucknell.edu) for information regarding a music theory exam study guide or sources for individualized basic music theory study that may be completed over the summer.

All students taking music lessons register for those lessons by meeting with the department’s academic assistant when they arrive on campus in the fall. Credit varies.

Students entering with AP credit for PSYC 100 may opt to take MATH 201 in the first semester, or begin the CHEM 205-211 sequence in the first year, or may take an additional course in the first semester for the College Core Curriculum.

First-semester BSBAs will be registered for either ANOP 102 or ECON 101. In some cases, students may be registered for both.

It is recommended that first-semester BSBAs seek to satisfy College Core Curriculum requirements in Natural Sciences & Math, Arts & Humanities, and/or Foreign Languages. All Social Science requirements are satisfied by courses taken for the major.

First-semester BSBAs will be registered for MGMT 100. It is a half-credit course taken in addition to the ordinary four course load.

If a student brings in MATH 201 AP credit, the student may be registered for CSCI 203 or ANOP 203 instead.