### Required by Physics for Secondary Ed. Major

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Cr.</th>
<th>Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 115</td>
<td>Chemistry for the Sciences 1</td>
<td>4</td>
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<tr>
<td>CHEM 116</td>
<td>Chemistry for the Sciences 2</td>
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<tr>
<td>COMPSCI 116</td>
<td>Algorithmic Processes for Computers (or any computer programming course)</td>
<td>3</td>
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</tr>
<tr>
<td>EGGS 105</td>
<td>Environmental Issues &amp; Choices</td>
<td>3</td>
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<tr>
<td>MATH 225</td>
<td>Calculus III</td>
<td>4</td>
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</tr>
<tr>
<td>MATH 322</td>
<td>Differential Equations</td>
<td>3</td>
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</tr>
<tr>
<td>PHYSICS 123</td>
<td>Contemporary Physics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 211</td>
<td>General Physics I</td>
<td>4</td>
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</tr>
<tr>
<td>PHYSICS 212</td>
<td>General Physics II</td>
<td>4</td>
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<tr>
<td>PHYSICS 302</td>
<td>Mechanics: Dynamics</td>
<td>3</td>
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</tr>
<tr>
<td>PHYSICS 310</td>
<td>Modern Atomic Physics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHYSICS 314</td>
<td>Electricity &amp; Magnetism</td>
<td>3</td>
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<tr>
<td>PHYSICS 315</td>
<td>Electronics</td>
<td>4</td>
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<tr>
<td>PHYSICS 318</td>
<td>Optics</td>
<td>4</td>
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<tr>
<td>PHYSICS 400</td>
<td>Advanced Physics Lab</td>
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### Meeting General Education Goals:

- **Goal 1:** Communication; minimum 7 GEPs, from minimum of 3 disciplines
  - ASLTERP 155: American Sign Language I
  - EDFOUN 291: Principles of Teaching
  - ENGLISH 101: Foundations of College Writing I
  - ENGLISH ___: Literature (151, 152, 226, 227, 236, 237, 246, 247, or 256)

- **Goal 2:** Information Literacy; minimum 2 GEPs
  - EDFOUN 204: Educational Technology

- **Goal 3:** Analysis, Quantitative Reasoning, & Problem Solving; minimum 5 GEPs, from minimum of 2 disciplines
  - CHEM 115: Chemistry for the Sciences I
  - MATH 125: Calculus I
  - MATH 126: Calculus II

- **Goal 4:** Cultures & Diversity; minimum 5 GEPs, from minimum of 2 disciplines
  - EDFOUN 291: Principles of Teaching
  - EDFOUN 406: Multicultural Education
  - SPECED 101: Intro to Exceptional Individuals

- **Goal 5:** Natural Sciences; minimum 5 GEPs, from minimum of 2 disciplines
  - CHEM 115: Chemistry for the Sciences I
  - EGGS 105: Environmental Issues & Choices
  - MATH 125: Calculus I

- **Goal 6:** Social Sciences; minimum 5 GEPs, from minimum of 2 disciplines
  - EDFOUN 206: Teachers, Schools, and Society
  - EGGS 105: Environmental Issues & Choices
  - PSYCH 101: General Psychology

- **Goal 7:** Humanities; minimum 5 GEPs, from minimum of 2 disciplines
  - ENGLISH ___: Literature (151, 152, 156, 226, 227, 236, 237, 246, 247, or 257)
  - MUSIC 101/105 or 102/103: Music Listening, Music Literature, Introduction to Theatre, or Theatre Appreciation

- **Goal 8:** Second Language Competency; minimum 2 GEPs
  - ASLTERP 155: American Sign Language I or Competency Test* or Any 102 level language *

- **Goal 9:** Physical Activity & Health; minimum 2 GEPs
  - Exercise (114, 226, 230, 241, 250, 270), Dance 117, Nursing (100 or 217), Honors 217

- **Goal 10:** Responsible Citizenship; minimum 2 GEPs
  - EDFOUN 406: Multicultural Education
  - SPECED 101: Intro to Exceptional Individuals

*Passed Language Competency and any 102 level language still requires 1 point in Goal 1. Highly recommended to take COMMSTUD 103 or 104.

### Required by Education (40 credits)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>EDFOUN 204</td>
<td>Educational Technology</td>
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<tr>
<td>EDFOUN 206</td>
<td>Teachers, Schools &amp; Society</td>
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<tr>
<td>EDFOUN 291</td>
<td>Principles of Teaching</td>
<td>3</td>
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<tr>
<td>EDFOUN 311</td>
<td>Classroom Meas. &amp; Assessment</td>
<td>3</td>
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<tr>
<td>EDFOUN 406</td>
<td>Multicultural Education</td>
<td>3</td>
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<tr>
<td>EDFOUN 427</td>
<td>Classroom Mgt. &amp; Eff. Discipline</td>
<td>3</td>
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<tr>
<td>EDFOUN 497</td>
<td>Student Teaching: 1st Experience</td>
<td>6</td>
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<tr>
<td>EDFOUN 498</td>
<td>Student Teaching: 2nd Experience</td>
<td>6</td>
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<tr>
<td>PROFSTUD 498</td>
<td>Student Teaching Seminar</td>
<td>3</td>
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<tr>
<td>______</td>
<td>Practicum</td>
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<tr>
<td>PSYCH 101</td>
<td>General Psychology</td>
<td>3</td>
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</tr>
<tr>
<td>SECED 453</td>
<td>Tchg. Sci. in Sec. Sch. (full only)</td>
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### Required by PDE (29 credits)

<table>
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<th>Course Number</th>
<th>Course Title</th>
<th>Cr.</th>
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<tbody>
<tr>
<td>ENGLISH 101</td>
<td>Foundations of College Writing I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGLISH ___</td>
<td>Literature (151, 152, 156, 226, 227, 236, 237, 246, 247, or 257)</td>
<td>3</td>
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</tr>
<tr>
<td>MATH 125</td>
<td>Calculus I</td>
<td>4</td>
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<tr>
<td>MATH 126</td>
<td>Calculus II</td>
<td>4</td>
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<tr>
<td>PROFSTUD 494</td>
<td>ELL Strategies</td>
<td>3</td>
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<td>PSYCH 212</td>
<td>Adolescent Psychology</td>
<td>3</td>
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<tr>
<td>SPECED 101</td>
<td>Introduction to Except. Individuals</td>
<td>3</td>
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<tr>
<td>SPECED 275</td>
<td>Linking Assessment</td>
<td>3</td>
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<tr>
<td>SPECED 358</td>
<td>Methods of Instruction for Students with Disabilities</td>
<td>3</td>
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**NOTE:** A minimum of 120 credits are required for graduation. An alternative bookkeeping method for GEPs found on the reverse.
### General Education Requirements:

**Goal 1: Communication**

- **Course #** ASLTERP 155
- **Course Name** American Sign Language 1
- **Sem/Yr** 1

**Goal 2: Information Literacy**

- **Course #** CHEM 115
- **Course Name** Chemistry for Sciences I
- **Sem/Yr** 1

**Goal 3: Analytical/Quantitative**

- **Course #** EDFOUND 204
- **Course Name** Educational Technology
- **Sem/Yr** 3

**Goal 4: Cultures & Diversity**

- **Course #** EDFOUND 206
- **Course Name** Teachers, Schools, and Society
- **Sem/Yr** 1

**Goal 5: Natural Science**

- **Course #** EDFOUND 291
- **Course Name** Principles of Teaching
- **Sem/Yr** 2

**Goal 6: Social Science**

- **Course #** EDFOUND 406
- **Course Name** Multicultural Education
- **Sem/Yr** 2

**Goal 7: Arts & Humanities**

- **Course #** EGGS 105
- **Course Name** Environmental Issues & Choices
- **Sem/Yr** 1

**Goal 8: Second Language**

- **Course #** ENGLISH ___
- **Course Name** Literature (151, 152, 156, 226, 227, 236, 237, 246, 247, or 257)
- **Sem/Yr** 1

**Goal 9: Healthy Living**

- **Course #** MATH 125
- **Course Name** Calculus I
- **Sem/Yr** 2

**Goal 10: Citizenship**

- **Course #** MATH 126
- **Course Name** Calculus II
- **Sem/Yr** 3

**Course #** MUSIC 101
- **Course Name** Music Listening
- **Sem/Yr** 3

**Course #** MUSIC 105
- **Course Name** Music Literature
- **Sem/Yr** 3

**Course #** PSYCH 101
- **Course Name** General Psychology
- **Sem/Yr** 3

**Course #** SPECED 101
- **Course Name** Intro to Exceptional Individuals
- **Sem/Yr** 2

**Course #** SPECED 275
- **Course Name** Linking Assessment
- **Sem/Yr** 1

**Course #** THEATRE 102
- **Course Name** Intro. To Theatre
- **Sem/Yr** 3

**Course #** THEATRE 103
- **Course Name** Theater Appreciation
- **Sem/Yr** 3

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**GEP Running Total (revise as needed) =**

*GEPs for this goal may come from just 1 discipline.  **GEPs must come from at least 2 disciplines.  ***GEPs must come from at least 3 disciplines.

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**Admission Packet, for Admission into the Teacher Education Program:**

- **Forms and information available Online from www.bloomu.edu/teaching-learning.**
  - Eligible test scores: PRAXIS (www.ets.org), PAPA (www.pa.nesinc.com):
    - PRAXIS Core Academic Skills for Educators (Reading Score: 156; Writing Score: 162; Math Score: 142).
    - PAPA—Pre-service Academic Perf. Assessment (Reading Score: 220; Writing Score: 220; Math Score: 193).
    - SAT (Old): 500 or higher in Reading, Writing, and Math.
    - ACT: Before 9/2015; Composite Score: 23; English/Writing Score: 22; Math Score: 21
      - After 9/2015; Reading Score: 22; Writing Score: 21; Math Score: 21
  - PRAXIS II: Grades 7-12 field of concentration (www.ets.org).
  - Cumulative GPA of 3.0, with a C or better in all professional education and specialization courses.
  - 6 credits of college-level math and 6 credits in English composition and literature
  - Completion of early field experience: five days/40 hours, non-credit, w/ appropriate diversity in contexts: forms required
  - Two recommendations from Teacher Education faculty: standardized form required
  - Professional liability insurance (available through PSEA, at www.PSEA.org)
  - Tuberculosis Screening results, from a test taken within the last two years (likely repeated before student teaching).
  - A resume that follows the sample format: format available from Education Studies
  - Criminal checks: Act 34 (Criminal Record Check); Act 151 (Child Abuse History Check); Act 114 (FBI Clearance): Register at www.pa.cogentid.com; register under Department of Education; fingerprinting available at BU bookstore.  Clearances are valid for one year: will need to repeat before student teaching.

**Student Teaching—Placement Card and Eligibility Packet:**

- **Student Teaching Placement Card**—intent to student teach: fall student teaching, due by February
  - spring student teaching, due by September
- **Student Teaching Eligibility Packet:** Download checklist and forms from the Student Teaching tab under Student Resources on the College of Education homepage.
- **Student Teaching Eligibility Packet is due,** signed by your Education advisor, to the Student Teaching Placement Office, 3103A McCormick:
  - April 10 for fall student teaching
  - October 1 for spring student teaching