Biomedical Engineering Curriculum 2016
MATH 108 Placement

Fall
- Language Requirement
- MATH 108 Algebra (3)
- AIU (3)
- EnCP 101 Intro I (3)
- GHS (3)
- ENGL 101 English 1 (3)
- AFCI 101 Inquiry (1)

Spring
- Freshman
- MATH 112 Pre Calc 2 (3)
- Math 111 Pre Calc 1 (3)
- ENCP 102 Intro II (3)
- CHEM 111 Chemistry I (4)
- ENGL 102 English 2 (3)
- CHEM 112 Chemistry II (4)

Summer
- MATH 141 Calculus 1 (4)
- MATH 142 Calculus 2 (4)
- ENCP 102 Intro II (3)
- CHEM 112 Chemistry II (4)
- BIOL 121 Bio Sci. I (4)

Fall
- Sophomore
- PHYS 211 Physics 1 & Lab (4)
- PHYS 212 Physics 2 & Lab (4)
- STAT 509 Statistics (3)
- MATH 241 Vector Cal (4)
- MATH 242 DEQ (4)

Spring
- Fall
- Junior
- Columbia
- GSS (3)
- VSR (3)
- CMS (3)

Updated: 5/9/16 BSF
# Carolina Core General Education at USC Aiken

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<thead>
<tr>
<th>Carolina Core</th>
<th>Title</th>
<th>Required Credit Hours</th>
<th>Acceptable Courses</th>
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<tbody>
<tr>
<td>CMW</td>
<td>Effective, Engaged, and Persuasive Communication: Written Component</td>
<td>6</td>
<td>ENGL 101, ENGL 102</td>
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<tr>
<td>ARP</td>
<td>Analytical Reasoning &amp; Problem Solving</td>
<td>6</td>
<td>MATH 141, MATH 142</td>
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<tr>
<td>SCI</td>
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<td>7</td>
<td>CHEM 111, PHYS 211, PHYS 212</td>
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<td>GFL</td>
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*Students can take PHIL 325 on the Columbia campus and receive credit for VSR and CMS.*
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Biomedical Engineering Curriculum 2016
MATH 112 Placement

Freshman

Fall
Language Requirement

Spring
MATH 112 Pre Calc 2
ENGL 101 English 1
ENCP 101 Intro I
CHEM 111 Chemistry I
AFCI 101 Inquiry
BIOL 121 Bio Sci. I

Spring
MATH 141 Calculus 1
ENGL 102 English 2
ENCP 102 Intro II
CHEM 112 Chemistry II
CHEM 331 Or. Chem I
BIOL 122 Bio Sci. II

Sophomore

Fall
PHYS 211 Physics 1 & Lab (4)
MATH 142 Calculus 2 (4)
CHEM 331L Or. Chem I (1)
BIOL 302 Cell & Mol (4)

Spring
PHYS 212 Physics 2 & Lab (4)
MATH 241 Vector Cal (4)
CHEM 331 Or. Chem I (1)

Junior

Fall
VRS (3)
GSS (3)
CMS (3)

Spring
AIU (3)
GHS (3)
MATH 242 DEQ (4)

Lower Division Course
Technical Elective
Take Any Time

Prerequisite
Corequisite

Requires a C or better to continue

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Biomedical Engineering Curriculum 2016
MATH 141 Placement

**Freshman**

- **Fall**
  - MATH 141 Calculus 1 (4)
  - ENGL 101 English 1 (3)
  - ENCP 101 Intro I (3)
  - CHEM 111 Chemistry I (4)
  - AFCI 101 Inquiry (1)
  - BIOL 121 Bio Sci. I (4)

- **Spring**
  - MATH 142 Calculus 2 (4)
  - ENGL 102 English 2 (3)
  - ENCP 102 Intro II (3)
  - CHEM 112 Chemistry II (4)
  - CHEM 331 Or. Chem I (3)
  - BIOL 122 Bio Sci. II (4)

**Sophomore**

- **Fall**
  - PHYS 211 Physics 1 & Lab (4)
  - CHEM 331 Or. Chem I (3)
  - BIOL 302 Cell & Mol (4)

- **Spring**
  - PHYS 212 Physics 2 & Lab (4)
  - STAT 509 Statistics (3)
  - MATH 242 DEQ (4)
  - VRS (3)

**Columbia Gen Eds**

- GSS (3)
- GHS (3)
- CMS (3)

**Language Requirement**

- Take Any Time Requires a C or better to continue

**Technical Elective**

- Take Any Time

**Prerequisite**

**Corequisite**

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