Please note that Math, Biology, and Chemistry classes may have prerequisite courses depending on each student’s ACT scores or previously completed classes. Please refer to the Bulletin for details.

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Fall Semester</strong></td>
<td><strong>Spring Semester</strong></td>
</tr>
<tr>
<td>BMD 201 Seminars in Biomedical Sciences</td>
<td>1</td>
</tr>
<tr>
<td>EH 101 English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>BLY 121 General Biology I</td>
<td>3</td>
</tr>
<tr>
<td>BLY 121L General Biology I Lab</td>
<td>1</td>
</tr>
<tr>
<td>CH 131 General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CH 131L General Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSY 120 Introduction to Psychology</td>
<td>3</td>
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<tr>
<td><strong>15</strong></td>
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<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
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<tbody>
<tr>
<td><strong>Fall Semester</strong></td>
<td><strong>Spring Semester</strong></td>
</tr>
<tr>
<td>CH 201 Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CH 201L Organic Chemistry I Lab</td>
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<tr>
<td>PH ____ Physics I Elective</td>
<td>4</td>
</tr>
<tr>
<td>PH ____ Physics I Elective Lab</td>
<td>1</td>
</tr>
<tr>
<td>EH ____ Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>HY ____ History Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>15</strong></td>
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</tbody>
</table>

Most BMD major courses are offered only once per year.

<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
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<tbody>
<tr>
<td><strong>Fall Semester</strong></td>
<td><strong>Spring Semester</strong></td>
</tr>
<tr>
<td>BMD 311 Human Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>BMD 321 Biochemistry I</td>
<td>3</td>
</tr>
<tr>
<td>BMD 334 Human Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>____ History #2 for Sequence* OR</td>
<td>3</td>
</tr>
<tr>
<td>____ Social Science Elective</td>
<td></td>
</tr>
<tr>
<td>____ Literature #2 for Sequence* OR</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td></td>
</tr>
<tr>
<td>____</td>
<td>________ General Elective</td>
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<tr>
<td><strong>15</strong></td>
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</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR</th>
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</thead>
<tbody>
<tr>
<td><strong>Fall Semester</strong></td>
<td><strong>Spring Semester</strong></td>
</tr>
<tr>
<td>BMD 401 Immunology</td>
<td>3</td>
</tr>
<tr>
<td>BMD 430 Neurosciences</td>
<td>4</td>
</tr>
<tr>
<td>BMD 493 Issues in Biomedical Sciences - W**</td>
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</tr>
<tr>
<td>OR PHL 333 Biomedical Ethics - W**</td>
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</tr>
<tr>
<td>____ Major Elective</td>
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<tr>
<td>____ Fine Arts Elective</td>
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<tr>
<td><strong>16</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

TOTAL HOURS REQUIRED: 120 minimum

IMPORTANT:
- ELECTIVES for each category are listed on the back.
- Completing 30 credits per year (Fall, Spring, Summer) enables you to graduate in four years.
- Scholarship students should contact the Scholarship Office if they cannot take 30 credits/year.
- Honors students should refer to the separate Biomedical Sciences Sample Curriculum for Honors.

* A two-course sequence is required in either Literature or History. Sequences are listed on the back.
** Two writing (W) courses are required, one of which must come from your major or minor.
**FINE ARTS** - 1 course
- ARH 100 Survey of Art
- ARH 103 Art History I
- ARH 123 Art History II
- ARS 101 Art Appreciation
- DRA 110 Introduction to Drama
- MUL 101 Introduction to Music

**GENERAL**
Any college-level course of your choice.

**HISTORY** - 1 course
- HY 101 History of Western Civilization I
- HY 102 History of Western Civilization II
- HY 135 U. S. History to 1877
- HY 136 U. S. History since 1877

**HUMANITIES** - 1 course
- AFR 101 Intro to African-American Studies
- EH Any course in the Literature category
- IST 105 Encounter with the Humanities
- LG Any language course:
  - French, Spanish, German, Russian, except LG 190, 290 or 390.
- LGS Any language course:
  - American Sign Language, Arabic, Chinese, Japanese, Greek, Hindi, Italian, Korean, etc., except LGS 190, 290, or 390.
- PHL 110 Introduction to Philosophy
- PHL 120 Critical Thinking
- PHL 121 Introduction to Logic
- PHL 131 Introduction to Ethics
- PHL 231 Social Ethics
- PHL 240 Western Philosophy: Greek
- REL 100 Intro to the Study of Religion
- REL 200 Old Testament/Hebrew Bible
- REL 201 Survey of the New Testament

**LITERATURE** - 1 course
- EH 215 Survey of British Lit I
- EH 216 Survey of British Lit II
- EH 225 Survey of American Lit I
- EH 226 Survey of American Lit II
- EH 235 Survey of World Lit I
- EH 236 Survey of World Lit II

**HISTORY and LITERATURE SEQUENCES**
*Part II can be taken before Part I.*
**History:**
- HY 101 and HY 102
- HY 135 and HY 136
**Literature:**
- EH 215 and EH 216
- EH 225 and EH 226
- EH 235 and EH 236

**MAJOR ELECTIVES** - 18 min credits required
**Group A:** Choose 3 below
- BMD 401 Immunology
- BMD 402 Medical Microbiology (4 cr)
- BMD 410 Pathophysiology
- BMD 420 Pharmacology
- BMD 430 Neurosciences

**Group B:** Choose remaining courses below
- BMD 210/210L Microbiology in Healthcare and Lab - 4 cr
- BMD 290 Special Topics
- BMD 390 Special Topics
- BMD 490 Special Topics
- BMD 350 Genetics and Genomics
- BMD 494 Directed Research Studies (one course only)
- BMD 499 Research Thesis (one course only)
- BLY 301 Cell Biology
- BLY 363 Vertebrate Embryology
- BLY 459 General Parasitology
- EMS 210 Medical Terminology

**PHYSICS** - One two-course sequence with labs
- PH 114/114L Physics with Algebra-Trig I and Lab - 5 cr
- PH 115/115L Physics with Algebra-Trig II and Lab - 5 cr
- PH 201/201L Calculus-Based Physics I and Lab - 4 cr
- PH 202/202L Calculus-Based Physics II and Lab - 4 cr

**SOCIAL SCIENCE** - 1 course
- AN 100 Intro to Cultural Anthropology
- AN 101 Intro to Archaeology & Physical Anthropology
- CA 100 Intro to Communication
- CA 211 Interpersonal Communication
- ECO 215 Principles of Microeconomics
- ECO 216 Principles of Macroeconomics
- GEO 114 Introduction to Human Geography
- GEO 115 Introduction to World Geography
- GS 101 Intro to Gender Studies
- HY Any course in the History category
- IS 100 Global Issues
- IST 201 Seasons of Life
- PSC 130 Introduction to U. S. Government
- PSY 250 Lifespan Development
- PSY 310 Biological Psychology
- PSY 340 Abnormal Psychology
- SY 109 Introductory Sociology

**STATISTICS** - 1 course
- ST 210 Statistical Reasoning & Applications
- ST 305 Applied Statistics for Health Sciences
- BUS 245 Applied Business Statistics I

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**One history and one literature are required.**

*If choosing the History sequence: take the required literature and one humanities.*

*If choosing the Literature sequence: take the required history and one social science.*

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5/17/2019