

### Freshman Year

#### Fall Semester

|              |  |           |
|--------------|--|-----------|
| CHEM 120/121 | College Chemistry I & Lab                                | 5         |
| BIOL 120/121 | Biol Conc: Cells/Metab/Genet & Lab                       | 4         |
| MATH 136     | Calculus I<br>Colonnade Foundations (F-QR)               | 4         |
| ENG 100      | Intro to College Writing<br>Colonnade Foundations (F-W1) | 3         |
|              |  |           |
|              | <b>Semester Total</b>                                    | <b>16</b> |

#### Spring Semester

|              |   |           |
|--------------|---|-----------|
| CHEM 222/223 | College Chemistry II & Lab                                    | 5         |
| BIOL 122/123 | Biol Conc: Evol/Div/Ecol & Lab                                | 4         |
| COMM 145     | Fundamentals of Speaking/Comm<br>Colonnade Foundations (F-OC) | 3         |
| ENG 200      | Intro to Literature<br>Colonnade Foundations (F-AH)           | 3         |
|              |   |           |
|              | <b>Semester Total</b>   | <b>15</b> |

### Sophomore Year

#### Fall Semester

|              |  |           |
|--------------|--|-----------|
| CHEM 330     | Quantitative Analysis & Lab                                | 5         |
| BIOL 224/225 | Animal Bio and Diversity & Lab                             | 4         |
| PHYS 231/232 | Biophysics I & Lab   | 4         |
| ENG 300      | Writing in the Disciplines<br>Colonnade Foundations (F-W2) | 3         |
|              |  |           |
|              | <b>Semester Total</b>                                      | <b>16</b> |

#### Spring Semester

|   |   |           |
|---|---|-----------|
| CHEM 340/341                            | Organic Chemistry I & Lab                             | 5         |
| BIOL 319 <sup>2</sup> /322 <sup>2</sup> | Intro Cell/Molec & Lab                                | 4         |
| PHYS 332/233                            | Biophysics II & Lab                                   | 4         |
| HIST 101 or 102                         | World History I or II<br>Colonnade Foundations (F-SB) | 3         |
|   |   |           |
|   | <b>Semester Total</b>                                 | <b>16</b> |

### Junior Year

#### Fall Semester

|   |                               |           |
|---|-------------------------------|-----------|
| CHEM 342/343                            | Organic Chemistry II & Lab    | 5         |
| BIOL 327 <sup>1</sup> /337 <sup>1</sup> | Genetics & Lab                | 4         |
| Arts/Humanities                         | Colonnade Explorations (E-AH) | 3         |
| Soc/Behavioral                          | Colonnade Explorations (E-SB) | 3         |
|   |                               |           |
|   | <b>Semester Total</b>         | <b>15</b> |

#### Spring Semester

|   |                               |           |
|---|-------------------------------|-----------|
| CHEM 399                                | Research (Elective)           | 2         |
| CHEM 450/451                            | Physical Chemistry I & Lab    | 5         |
| CHEM 446                                | Biochemistry I                | 3         |
| BIOL 411 <sup>2</sup> /412 <sup>2</sup> | Cell Biology & Lab (Elective) | 4         |
|   |                               |           |
|   | <b>Semester Total</b>         | <b>14</b> |

### Senior Year

#### Fall Semester

|                       |                                    |           |
|-----------------------|------------------------------------|-----------|
| CHEM 399              | Research (Elective)                | 3         |
| BIOL 330 <sup>1</sup> | Animal Physiology & Lab (Elective) | 3         |
| Soc/Cultural          | Colonnade Connections (K-SC)       | 3         |
| Local/Global          | Colonnade Connections (K-LG)       | 3         |
| General Elective      | or Biology Elective                | 3         |
|                       |                                    |           |
|                       | <b>Semester Total</b>              | <b>15</b> |

#### Spring Semester

|                       |                              |           |
|-----------------------|------------------------------|-----------|
| CHEM 467 <sup>2</sup> | Biochemistry II              | 3         |
| BIOL 316              | Evolution                    | 3         |
| BIOL 489              | Professional Aspects of Biol | 1         |
| Systems               | Colonnade Connections (K-SY) | 3         |
| General Elective      | or Biology Elective          | 3         |
|                       |                              |           |
|                       | <b>Semester Total</b>        | <b>13</b> |

#### For more information contact:

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- This plan of study is based on Fall 2019 catalog information and is designed to be an aid for advising and planning.
- The ordering of certain courses is important, although some shuffling is possible (especially with Colonnade and elective courses). Please consult with your faculty advisor.
- WKU requires 42 hours of upper-division courses for graduation.

<sup>1</sup> Course offered only in fall semesters

<sup>2</sup> Course offered only in spring semesters