**BA Biology Major Sample Plan**

**Pre-Health Professions**

**Marion Campus**

121 minimum credits are required to complete the degree

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| * This sample plan assumes math placement level N (1148) and placement in English 1110.xx   + A lower math placement level will alter the order in which courses may be taken and will extend time to degree.   + A higher math placement level will alter the order in which courses may be taken and can expedite time to degree. * Students must plan for GE overlaps with the Social Diversity (3 hrs.) and Global Studies (6 hrs.) requirement. If no overlap is planned, 1-3 additional courses will be required. * Courses in bold face font identify those not currently offered on the Marion campus. |

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| **Autumn 1** | **Credits** | **Spring 1** | **Credits** |
| GE Math 1148 \*\* | 4 | GE Math 1149 \*\* | 3 |
| English 1110.01 | 3 | Chemistry 1210 \*\* | 5 |
| GE Social Science I (Soc 1101) | 3 | Biology 1113 \*\* | 4 |
| GE Visual Performing Art | 3 | GE Lit | 3 |
| Exploration 1001.01 | 1 |  |  |
| Elective (if enrolled in English 1110.01) | 1 |  |  |
| Total | 15 | Total | 15 |
| **Autumn 2** | **Credits** | **Spring 2** | **Credits** |
| Chemistry 1220 \*\* | 5 | Chem 2510 \*\* | 4 |
| Biology 1114 \*\* | 4 | Stats 1350 or 1450 | 3 |
| GE 2nd level writing (any 2367) | 3 | GE Language 1102 | 4 |
| GE Language 1101 | 4 | EEOB 2510 (additional coursework w/ lab) | 3 + |
|  |  | Elective | 3 |
| Total | 16 | Total | 17 |
| **Autumn 3 - 2015** | **Credits** | **Spring 3 – 2016** | **Credits** |
| Chem 2520 \*\* | 4 | Physics 1200 \*\* | 5 |
| GE Language 1103 (see NOTE below) | 4 | Biochemistry 4511 (additional coursework) | 4 + |
| **EEOB 3310 (additional coursework)** | 4 + | EEOB 2520 (additional coursework) | 3 + |
| **Biology 3401 (core)** | 4 + | **EEOB 4998**  **3 hours to be used as lab. Available up to 12 hours.** | 3 + |
|  |  |  |  |
| Total | 16 | Total | 15 |
| *NOTE: GE Language 1103 may be taken in summer 2 semester, pending availability. If not, complete in autumn 3 as shown.* |  |  |  |
| **Autumn 4 – 2016** | **Credits** | **Spring 4 – 2017** | **Credits** |
| **Molecular Genetics 4500 (required)** | 3 + | **EEOB 3520 (additional coursework w/lab)** | 3 + |
| **Microbiology 4000**  **(additional coursework w/lab)** | 4 + | GE Social Science II (Anthro 2201/2202) | 3 |
| GE History or Culture and Ideas | 3 | GE History | 3 |
| Elective | 3 | Psych 3313 (major elective) | 3 + |
|  |  | Elective | 3 |
| Total | 13 | Total | 15 |

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| **TOTAL CREDITS FOR SAMPLE PLAN: 122**  **(degree requires 121 minimum credit hours)**  \*\*Denotes Biology major prerequisites for the Bachelor of Arts Degree.  + Denotes courses that count toward the required 32 semester units – 34 units are included in this plan. These courses will be offered annually in the term indicated. |

**BS Biology Major Sample Plan**

**Pre-Health Professions**

**Marion Campus**

121 minimum credits are required to complete the degree

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| * This sample plan assumes math placement level M (1150) and placement in English 1110.xx   + A lower math placement level will alter the order in which courses may be taken and will extend time to degree. * Students must plan for GE overlaps with the Social Diversity (3 hrs.) and Global Studies (6 hrs.) requirement. If no overlap is planned, 1-3 additional courses will be required. * Courses in bold face font identify those not currently offered on the Marion campus. |

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| **Autumn 1** | **Credits** | **Spring 1** | **Credits** |
| Math 1150 | 5 | Math 1151 | 5 |
| Chemistry 1210\*\* | 5 | Chemistry 1220\*\* | 5 |
| English 1110.01 | 3 | Biology 1113\*\* | 4 |
| GE Visual Performing Art | 3 | GE Literature | 3 |
| Exploration 1001.01 | 1 |  |  |
| Total | 17 | Total | 17 |
|  |  |  |  |
| **Autumn 2** | **Credits** | **Spring 2** | **Credits** |
| Math 1152/**1172** | 5 | Chemistry 2520 | 4 |
| Chemistry 2510 | 4 | Chemistry 2550 | 2 |
| Chemistry 2540 | 2 | EEOB 2510 (additional coursework w/ lab) | 3 + |
| Biology 1114\*\* | 4 | GE Social Science I (Psych 1100) | 3 |
|  |  | GE 2nd level writing (any 2367) | 3 |
| Total | 15 | Total | 15 |
| **Autumn 3 - 2015** | **Credits** | **Spring 3 – 2016** | **Credits** |
| GE Language1101 | 4 | GE Language 1102 | 4 |
| GE History or Culture and Ideas | 3 | Physics 1200 | 5 |
| **EEOB 3310 (additional coursework)** | 4 + | Biochemistry 4511 (additional coursework) | 4 + |
| **Bio 3401(core)** | 4 + | **EEOB 4998**  **3 hours to be used as lab. Available up to 12 hours.** | 3 + |
|  |  |  |  |
| Total | 15 | Total | 16 |
| **Autumn 4 – 2016** | **Credits** | **Spring 4 – 2017** | **Credits** |
| GE Language 1103 (see NOTE below) | 4 | **EEOB 3520 (additional coursework w/lab)** | 3 + |
| Physics 1201 | 5 | GE Social Science II (Anthro 2201/2202) | 3 |
| **Molecular Genetics 4500 (required)** | 3 + | GE History | 3 |
| **Microbiology 4000**  **(additional coursework w/lab)** | 4 + | EEOB 2520 (additional coursework) | 3 + |
|  |  | Psychology 3313 (major elective) | 3 + |
| Total | 16 | Total | 15 |
| *NOTE: Language 1103 may be taken in Summer 3 semester depending on Marion schedule—If not, complete in autumn 4 as shown.* |  | *Summer 3 semester may include other GE and/or major courses if student completes summer Language 1103* |  |

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| **TOTAL CREDITS FOR SAMPLE PLAN: 126**  **(degree requires 121 minimum credit hours)**  \*\*Denotes Biology major prerequisites for the Bachelor of Science Degree.  + Denotes courses that count toward the required 32 semester units – 34 units are included in this plan. These courses will be offered annually in the term indicated. |