**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. |

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| **Autumn 1** | **Credits** | **Spring 1** | **Credits** |
| GE Math 1148 \*\* | 4 | GE Math 1149 \*\* | 3 |
| English 1110.xx | 3-4 | Chemistry 1210 \*\* | 5 |
| GE Social Science 1 (Psych 1100) | 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 | 15-16 | Total | 15 |
| **Autumn 2** | **Credits** | **Spring 2** | **Credits** |
| Chemistry 1220 \*\* | 5 | Chemistry 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 | 3 |
|  |  |  |  |
| Total | 16 | Total | 14 |
| **Autumn 3** | **Credits** | **Spring 3** | **Credits** |
| Chemistry 2520 \*\* | 4 | Physics 1200 \*\* | 5 |
| GE Language 1103 (see NOTE below) | 4 | Biochemistry 4511 | 4 |
| Biology 3401 | 4 | GE History | 3 |
| EEOB 3310 | 4 | EEOB 2520 | 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** | **Credits** | **Spring 4** | **Credits** |
| Molecular Genetics 4606 | 4 | EEOB 2520 | 3 |
| Microbiology 4100 | 5 | Molecular Genetics 5607 | 3 |
| GE History or Culture and Ideas | 3 | GE Social Science 2 | 3 |
| Open Option | 3 | Psych 3313 +++ | 3 |
|  |  | Elective | 2-3 |
| Total | 15 | Total | 14-15 |

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| **TOTAL CREDITS FOR SAMPLE PLAN: 121**  **(degree requires 121 minimum credit hours)**  \*\*Denotes Biology major prerequisites for the Bachelor of Arts Degree.  +++ Pending approval from the Life Sciences Department. This course would fulfill the last 2 elective hours needed in the major. |

**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. |

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| **Autumn 1** | **Credits** | **Spring 1** | **Credits** |
| Math 1150 | 5 | Math 1151 | 5 |
| Chemistry 1210\*\* | 5 | Chemistry 1220\*\* | 5 |
| English 1110.xx | 3-4 | Biology 1113\*\* | 4 |
| GE Visual Performing Art | 3 | GE Literature | 3 |
| Exploration 1001.01 | 1 |  |  |
| Total | 17-18 | 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 | 3 |
| Biology 1114\*\* | 4 | Bio 3401 | 4 |
|  |  | GE 2nd level writing (any 2367) | 3 |
| Total | 15 | Total | 16 |
| **Autumn 3** | **Credits** | **Spring 3** | **Credits** |
| GE Language1101 | 4 | GE Language 1102 | 4 |
| GE History or Culture and Ideas | 3 | Physics 1200 | 5 |
| EEOB 3310 | 4 | Biochemistry 4511 | 4 |
| GE Social Science 1 | 3 | GE History | 3 |
| Stat 2450 or 2480 | 3 |  |  |
| Total | 17 | Total | 16 |
| **Autumn 4** | **Credits** | **Spring 4** | **Credits** |
| GE Language 1103 (see NOTE below) | 4 | Molecular Genetics 5607 | 3 |
| Physics 1201 | 5 | GE Social Science 2 | 3 |
| Molecular Genetics 4606 | 4 | EEOB 2520 | 3 |
| Microbiology 4100 | 5 | Open option | 3 |
|  |  |  |  |
| Total | 18 | Total | 12 |
| *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: 128**  **(degree requires 121 minimum credit hours)**  \*\*Denotes Biology major prerequisites for the Bachelor of Arts Degree.  +++ Pending approval from the Life Sciences Department. This course would fulfill the last 2 elective hours needed in the major. |