



## Associate of Arts to Bachelor of Science in Biology

The following is presented as an articulation agreement between Moraine Valley Community College (MVCC) and Governors State University (GSU) for the Biology degree program based on the current catalogs of both schools. The student would receive an Associate in Arts (AA) degree from MVCC and Bachelors of Science (BS) degree in Biology from GSU.

### I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (39-40 Hours) Communications (9 hours)

- COM 101 - Composition I (3)
- COM 102 - Composition II (3)
- COM 103 - Speech Fundamentals (3)

### Humanities and Fine Arts (9 hours)

- Fine Arts Course (3)\*
- Humanities Course (3)\*
- Humanities or Fine Arts (3)\*

### Mathematics (4-5 hours)

- MTH 145 - Calculus for Business and Social Science (4) (Meets MATH 2281) **OR**
- MTH 150 - Calculus I (5) (Meets MATH 2281)

### Physical and Life Sciences (8 hours)

- BIO 111 - General Biology I (4) (Meets BIOL 1500/1501)
- CHM 131 - Chemistry I (4) (Meets CHEM 1141/1142)

### Social and Behavioral Sciences (9 hours)

- Social or Behavioral Science courses from at least two different disciplines (9)\*

### II. ADDITIONAL MVCC DEGREE REQUIREMENT (3 Hours)

Select three credit hours from Humanities and Fine Arts or Social/Behavioral Sciences listed above or one of the following ARB 101, 102, or 201; FRE 101,102, or 201; or SPA 101, 102, or 201.

### III. AREA OF CONCENTRATION/MAJOR FIELD (26 Hours)

- BIO 112 - General Biology II (4) (Meets BIOL 1510/1511)
- CHM 132 - Chemistry II (4) (Meets CHEM 1143/1144)
- CHM 203 - Organic Chemistry I (5) (Meets CHEM 3531/3532)
- CHM 204 - Organic Chemistry II (5) (Meets CHEM 3533/3534)
- PHY 150 - Mechanics, Heat and Sound (4) (Meets PHYS 2141/2142)
- PHY 151 - Electricity, Magnetism and Light (4) (Meets PHYS 2143/2144)

**REQUIRED A.S. DEGREE PROGRAM TOTAL: 62 Hours** (68-69 hours as written)

**\* Refer to the MVCC AA/AS guidelines for a list of course choices in Section I-III.**





## IV. TO BE COMPLETED AT MVCC OR GSU (14-16 Hours)

- Botany I (MVCC BIO 230 or GSU BIOL 3316/3317) (3-4)
- Comparative Anatomy (MVCC BIO 212 or GSU BIOL 3360/3361) (4)
- Microbiology (MVCC BIO 119 or GSU BIOL 4430/4431) (4)
- Zoology I (MVCC BIO 211 or GSU BIOL 3320/3321) (3-4)

## V. TO BE COMPLETED AT GSU (39 Hours)

### Required Courses (30 hours)

- |           |                                    |
|-----------|------------------------------------|
| BIOL 3099 | - Biology Junior Seminar (3)       |
| BIOL 3322 | - Ecology (3)                      |
| BIOL 3323 | - Ecology Laboratory (1)           |
| BIOL 3340 | - Genetics (3)                     |
| BIOL 3370 | - Cell Biology (3)                 |
| BIOL 3371 | - Cell Biology Laboratory (1)      |
| BIOL 4450 | - Animal Physiology (3)            |
| BIOL 4451 | - Animal Physiology Laboratory (1) |
| BIOL 4460 | - Plant Physiology Lecture (3)     |
| BIOL 4461 | - Plant Physiology Laboratory (1)  |
| BIOL 4465 | - Senior Capstone: Evolution (3)   |
| BIOL 4990 | - Undergraduate Research I (1)     |
| BIOL 4992 | - Undergraduate Research II (1)    |
| STAT 4219 | - Statistical Methods (3)          |

### Upper Division Applications Selectives (9 hours)

Select 9 hours from the approved list or by academic advisor approval

## Minimum Required for the BS in Biology: 120 Hours

### For Additional Information:

**Governors State University**

**GSU Jaguar Transfer Evaluator at**

<https://govst.transfer.degree/>

**Visit the College of Arts and Sciences  
at [www.govst.edu/cas](http://www.govst.edu/cas)**

**Moraine Valley Community College**

**Academic Advising**

**(708) 974-5721**

**Visit Moraine Valley Community**

**College at [www.morainevalley.edu](http://www.morainevalley.edu)**

GSU Transfer Guide 11/14/2022