

Associate in Arts to Bachelor of Science in Biology

The following is presented as an articulation agreement between Morton and 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 Morton College (MC) and a Bachelors of Science (BS) degree in Biology from Governors State University (GSU).

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (42 Hours) **Communications (9 hours)**

- ENG 101 - Rhetoric I (3)
- ENG 102 - Rhetoric II (3)
- SPE 101 - Principles of Public Speaking (3)

Humanities and Fine Arts (9 hours)

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

Mathematics (5 hours)

- MAT 201 - Calculus I (5) (Meets MATH 2281)

Physical and Life Sciences (10 hours)

- BIO 110 - Biology: A Cellular Approach (5) (Meets BIOL 1500/1501)
- CHM 101 - General Chemistry I (5) (Meets CHEM 1141/1142)

Social and Behavioral Sciences (9 hours)

Social and Behavioral Science courses from at least two different disciplines (9)*

II. AREA OF CONCENTRATION/MAJOR FIELD (20 hours)

- BIO 111 - Biology: A Systems Approach (5) (Meets BIOL 1510/1511)
- CHM 102 - General Chemistry II (5) (Meets CHEM 1143/1144)
- PHY 101 - General Physics I (5) (Meets PHYS 2141/2142)
- PHY 102 - General Physics II (5) (Meets PHYS 2143/2144)

III. ADDITIONAL ASSOCIATE DEGREE REQUIREMENTS (2 hours)

- Health, Technology and College Readiness Course* (2)

REQUIRED A.A. DEGREE PROGRAM TOTAL: 62 Hours (64 hours as written)

*** Refer to the Morton AA/AS guidelines for a list of course choices in Section I and III.**

IV. TO BE TAKEN AT GSU OR MORTON COLLEGE (15-18 Hours)

Botany w/Lab (MC BIO 160/161 or GSU BIOL 3316/3317) (3-4)
Microbiology (MC BIO 212 or GSU BIOL 4430/4431) (4)
Organic Chemistry I & II w/labs
(MC CHEM 205/206 or GSU CHEM 3531/3532/3533/3534) (8-10)

V. TO BE COMPLETED AT GSU (46 Hours)

Required Courses (37 hours)

BIOL 3099	- Biology Junior Seminar (3)
BIOL 3320	- Animal Diversity Lecture (2)
BIOL 3321	- Animal Diversity Lab (1)
BIOL 3322	- Ecology (3)
BIOL 3323	- Ecology Laboratory (1)
BIOL 3340	- Genetics (3)
BIOL 3360	- Comparative Anatomy (3)
BIOL 3361	- Comparative Anatomy Laboratory (1)
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 4965	- Senior Capstone: Evolution (3)
BIOL 4990	- Undergraduate Research I (1)
BIOL 4992	- Undergraduate Research II (1)
STAT 4219	- Statistical Methods (3)

Upper Division Application Selectives (9 hours)

See GSU Academics Catalog or Advisor for list of course choices.

Minimum Required for BS in Biology: 120 Hours

(125-128 hours as written)

For Additional Information:

Governors State University

Office of Admission

(708) 534-4490

[Email TransferGuide@govst.edu](mailto:EmailTransferGuide@govst.edu)

[College of Arts and Sciences at](http://CollegeofArtsandSciencesat.govst.edu)

www.govst.edu/cas

Morton College

Transfer Center

(708) 656-8000 Ext 245