

Associate in Arts to Bachelor of Science in Biology

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

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (41-42 Hours) (Refer to the AA/AS Degree Guidelines for a list of courses in Section I)

Communications (9 hours)

- ENG 101 - Rhetoric (3)
- ENG 102 - Rhetoric (3)
- SPCH 101 - Principles of Speech (3)

Humanities and Fine Arts (9 hours)

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

Mathematics (4-5 hours)

- MATH 150 **OR** 170 - Mathematical Analysis for Business (4) **OR**
Calculus with Analytical Geometry I (5) (Meets MATH 2281)

Physical and Life Sciences (10 hours)

- BIO 151 - General Biology I (5) (Meets BIOL 1500/1501)
- CHEM 101 - General Chemistry I (5) (Meets CHEM 1141/1142)

Social and Behavioral Sciences (9 hours)

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

II. AREA OF CONCENTRATION/MAJOR FIELD (25 hours)

- BIO 152 - General Biology II (5) (Meets BIOL 1510/1511)
- BIO 220 - General Zoology (5) (Meets BIOL 3320/3321)
- CHEM 102 - General Chemistry II (5) (Meets CHEM 1143/1144)
- PHYS 101 - General Physics I (5) (Meets PHYS 2141/2142)
- PHYS 102 - General Physics II (5) (Meets PHYS 2143/2144)

REQUIRED A.A. DEGREE PROGRAM TOTAL: 64 Hours (66-67 hours as written)

* Refer to the JJC AA/AS guidelines for a list of course choices in Sections I and II.

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Transfer Guide



III. TO BE COMPLETED AT JJC OR GSU (12-14 hours)

Organic Chemistry I & II w/labs

(JJC CHEM 209/210 or GSU CHEM 3531/3532/3533/3534) (8-10)

Microbiology (JJC BIO 240 or GSU BIOL 4430/4431) (4)

IV. TO BE COMPLETED AT GSU (44 Hours)

Required Courses (35 hours)

BIOL 3099	- Biology Junior Seminar (3)
BIOL 3316	- Plant Diversity Lecture (2)
BIOL 3317	- Plant Diversity Laboratory (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 the BS in Biology: 120 hours (122-124 hours as written)

For Additional Information:

Governors State University

Office of Admission

(708) 534-4490

TransferGuide@govst.edu

www.govst.edu/cas

Joliet Junior College

Career and Transfer Center

(815) 280-2449

[Visit Joliet Junior College at www.jjc.edu](http://www.jjc.edu)

GSU Transfer Guide 4.21.2021

