

**Transfer Guide for Associate of Arts
Biology with Teacher Education**

The following is presented as an articulation agreement between Joliet Junior College (JJC) and Governors State University (GSU) for the Biology – Teacher Education 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 with Teacher Certification from GSU. **The BS in Biology – Teacher Education program has special admissions requirements; please refer to the GSU catalog.**

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (37-41 credits)
(Refer to the AA/AS Degree Guidelines for a list of courses in Section I)

Communications (9 credits)

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

Humanities and Fine Arts (9 credits)

- One Humanities Course (3)*
- One Fine Arts Course (3)*
- Third World or Nonwestern Cultures Humanities course (3)*

Mathematics (4-5 credits)

- MATH 150 or 170 - Mathematical Analysis for Business (4) or
Calculus with Analytical Geometry I (5)

Physical and Life Sciences (10 credits)

Select one life science course and one physical science course. One course must have a lab.

- BIO 151 - General Biology I (5)
- CHEM 101 - General Chemistry I (5)

Social and Behavioral Sciences (9 credits)

- PSYC 101 - General Psychology (3)
- PSCI 101 - American National Government (3)
- HIST 103 or 104 - History of the United States (3)

II. AREA OF CONCENTRATION/MAJOR FIELD (26-27 credits)

- BIO 152 - General Biology II (5)
- BIO 240 - Microbiology (4)
- CHEM 102 - General Chemistry II (5)
- HEAL 109 or BIO 103 - Principles of Normal Nutrition or Health (2-3)
- PHYS 101 - General Physics I (5)
- PHYS 102 - General Physics II (5)

REQUIRED A.A. DEGREE PROGRAM TOTAL: 64 credits (written as 67-68 credits)

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

(over)

III. TO BE COMPLETED AT JJC OR GSU (a maximum of 7-8 hours can be completed at JJC):

JJC BIO 221 - Comparative Chordate Anatomy (5) or
GSU BIOL 360/361 - Comparative Anatomy Lecture and Lab (4)

IV. TO BE COMPLETED AT GSU:

Required Courses: (69 hours)

BIOL 316 - Plant Diversity Lecture (2)
BIOL 317 - Plant Diversity Laboratory (1)
BIOL 320 - Animal Diversity (2)
BIOL 321 - Animal Diversity Laboratory (1)
BIOL 322 - Ecology (3)
BIOL 323 - Ecology Laboratory (1)
BIOL 340 - Genetics (3)
BIOL 370 - Cell Biology (3)
BIOL 371 - Cell Biology Laboratory (1)
BIOL 450 - Animal Physiology (3)
BIOL 451 - Animal Physiology Laboratory (1)
BIOL 460 - Plant Physiology Lecture (3)
BIOL 461 - Plant Physiology Laboratory (1)
BIOL 491 - Undergraduate Research I (1)
BIOL 492 - Undergraduate Research II (1)
CHEM 341 - Organic Chemistry I: Lecture (3)
CHEM 342 - Organic Chemistry I: Laboratory (1)
CHEM 343 - Organic Chemistry II: Lecture (3)
CHEM 344 - Organic Chemistry II: Laboratory (1)
EDCP 500 - Introduction to Educational Technology (3)
EDUC 310 - Foundations of Education (3)
EDUC 433 - Principles of Science Education (3)
EDUC 434 - Teaching Secondary School Science (3)
EDUC 440 - Educational Psychology in Action (3)
EDUC 499 - Student Teaching: Secondary Biology (12)
PHYS 305 - Earth and Space Science (3)
SPED 510 - Survey of Exceptional Students (3)
STAT 520 - Statistical Methods (3)

Required for the BS in Biology with Teacher Certification: 135 hours

For Additional Information:
Governors State University
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Office of Admission
(708) 534-4490
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Joliet Junior College
www.jjc.edu
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(815) 280-2449