

Bachelor of Science in Biology to Bachelor of Science in Biology

This transfer guide shows the courses required for the Iowa Wesleyan BS in Biology and how it will transfer to GSU for the BS in Biology. The guides are to show how you how the credits that you have completed will apply to the degree and what courses you will have remaining.

I. Wesleyan Studies

Rhetorical Foundations (9 hours) to GSU Communications (9 hours)

- ENG 109 - College Composition (3) (Meets ENGL-1000)
- ENG 110 - College Research (3) (Meets ENGL-1010)
- COMM 147 - Intro to Public Speaking (3) (Meets COMM-1000)

Mathematics (4 hours)

- MATH 171 - Elementary Statistics (4)

Science (8 hours)

- BIO 105 - General Biology I (4) (Meets BIOL-1500/BIOL-1501)
- CHEM 175 - General Chemistry I (4) (Meets CHEM-1141/CHEM-1142)

Humanities (6 hours)

Two different areas from the approved list.

Social and Behavioral Sciences (6 hours)

Two different areas from the approved list.

Other (2 hours)

- WS 147 - Tiger Perspectives (1) (Counts as Electives)
- WS 148 - Tiger Expeditions (1) (Counts as Electives)

Culture & Diversity (3 Hours)

Select one course from the approved list and depending on the course it will apply to GSU's Humanities/Fine Arts or Social Science requirements.

II. MAJOR CORE COURSES (hours)

- BIO 205 - General Biology II (4) (Meets BIOL-1510/BIOL-1511)
- BIO 241
or 242 - Anatomy and Physiology I or II (4) (Meets Selective)
- BIO 350 - Microbiology (4) (Meets BIOL-4430/BIOL-4431)
- BIO 355 - Genetics (3) (Meets BIOL-3340)
- BIO 495 - Research in Biology (1) (Meets BIOL-4490)
- BIO 498 - Internship in Biology (6) (Meets Selectives)
- BIO 499 - Biology Seminar I (1) (Meets BIOL-4492)

III. SUPPORT COURSES (8 hours)

- CHM 176 - General Chemistry II (4) (Meets CHEM-1143/CHEM-1144)
- Complete one of the following: WS 300 (Social Science), WS 315 (Social Science), WS 380, ENGL 341 (Humanities)

IV. **BIOLOGY CONCENTRATIONS**

- BIO 242 - Anatomy and Physiology II (4)
- BIO 320 - Environmental Sci & Natural Resources (4) (Sub BIOL-3322/3323)
- BIO 323 - Phytology (2)
- BIO 330 - Environmental Health (4)
- BIO 349 - Limnology
- BIO 345 - Comparative Animal Anatomy (2)
- CHEM 355 - Organic Chemistry I (4) (Meets CHEM-3531/CHEM-3532)
- CHEM 386 - Biochemistry (4) (Meets CHEM-4331/CHEM-4332)

V. **TO BE TAKEN AT GSU (45-47 Hours)**

Required Courses (45-47 hours)

- BIOL 3099 - Biology Junior Seminar (3)
- BIOL-3316 - Plant Diversity (2)
- BIOL-3317 - Plant Diversity Lab (1)
- BIOL-3320 - Animal Diversity (0-2)
- BIOL-3321 - Animal Diversity Lab (1)
- BIOL-3360 - Comparative Anatomy (3)
- BIOL-3361 - Comparative Anatomy Lab (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 4465 - Senior Capstone: Evolution (3)
- CHEM 3533 - Organic Chemistry II (3)
- CHEM 3534 - Organic Chemistry II Lab (1)
- MATH-2281 - Applied Calculus (4)
- Physics I (4)
- Physics II (4)
- STAT 4219 - Statistical Methods (3)

Minimum Required for BS in Biology: 120 Hours

For Additional Information:

Governors State University
College of Arts and Sciences
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Transfer Credit Evaluator at
<https://govst.transfer.degree/>