

## Associate in Arts to Bachelor of Science in Biology

The following is presented as an articulation agreement between the City Colleges of Chicago (CCC) 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 one of the CCC and a Bachelors of Science (BS) degree in Biology from GSU.

### I. GENERAL EDUCATION CORE CURRICULUM (41-42 Hours)

#### Communications (9 hours)

- ENGLISH 101 - Composition (3)
- ENGLISH 102 - Composition (3)
- SPEECH 101 - Fundamentals of Speech Communications (3)

#### Humanities and Fine Arts (9 hours)

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

#### Mathematics (4-5 hours)

- MATH 204 - Calculus for Business and Social Sciences (4-5) (Meets MATH 2281)
- or** MATH 207 - Calculus and Analytic Geometry I (5) (Meets MATH 2281)

#### Physical and Life Sciences (10 hours)

- BIOLOGY 121 - Biology I (5) (Meets BIOL 1500/1501)
- CHEM 201 - 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. ADDITIONAL COLLEGE REQUIREMENTS (0 Hours)\*

- Human Diversity Requirement (0) (This requirement can be fulfilled within the humanities or social behavioral sciences category by selecting a course with an IAI code ending in *N* or *D*.)

### III. AREA OF CONCENTRATION/MAJOR FIELD (18-19 Hours)

- BIOLOGY 122 - Biology II (5) (Meets BIOL 1510/1511)
- CHEM 203 - General Chemistry II (5) (Meets CHEM 1143/1144)
- MCROBIO 233 - General Microbiology (4) (Meets BIOL 4430/4431)
- ZOOLOGY 211 - General Zoology (4) (Meets BIOL 3320/3321)
- Free Electives (0-1)

### REQUIRED A.A. DEGREE PROGRAM TOTAL: 60 Hours

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

# Transfer Guide



## IV. TO BE COMPLETED AT CCC OR GSU (16-22 Hours)

Organic Chemistry I & II w/labs (CCC CHEM 205/207 or GSU CHEM 3531/3532/3533/3534) (8-12)

Physics I (CCC PHYSICS 221 or GSU PHYS 2141/2142) (4-5)

Physics II (CCC PHYSICS 222 or GSU PHYS 2143/2144) (4-5)

## V. TO BE COMPLETED AT GSU (46 Hours)

### Required Courses (37 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** (122-128 hours as written)

### For Additional Information:

Office of Admissions

(708) 534-4490

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

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

[www.govst.edu/cas](http://www.govst.edu/cas)

City Colleges of Chicago  
Counseling or Transfer Center

Daley College

(773) 838-7935 or 838-7980

Harold Washington College

(312) 553-5778

Kennedy-King College

(773) 602-5285

Malcolm X College

(312) 850-7464

Olive- Harvey College

(773) 291-6251

Truman College

(773) 907-4735

Wright College

(773) 481-8227

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