

**Cornell University
College of Agriculture and Life Sciences**

SUNY Cobleskill

**For list of required courses for transfer by CALS major see
www.cals.cornell.edu**

Required Transfer Course

Course Equivalency

Art

Design

ARTS 111 Design 1

Drawing

ARTS 114 Drawing 1

Biology*

Biology 1 with lab

BIOL 111 Biology1

Biology 2 with lab

BIOL 112 Biology 11

Microbiology

BIOL 219 Microbiology

Physiology

BIOL 158 or BIOL 258 Anatomy &
Physiology

Chemistry

Chemistry 1 with lab

CHEM 111 General Chemistry 1 or
CHEM 101 Introductory Chemistry*

Chemistry 2 with lab

CHEM 112 General Chemistry 11

Organic Chemistry 1

CHEM 231 Organic Chemistry 1

Organic Chemistry 2

CHEM 232 Organic Chemistry 11

*Students interested in pursuing PreMedicine or PreVeterinary Studies are required to take CHEM 111.

Communication

Public Speaking

ENGL 111 Fundamentals of Speech

Computer

Computer Programming

CITA 140 Computer Programming
&
CITA 215 C++ Programming

Economics

Macro Economics

ECON 124 Macro Economics

Micro Economics

ECON 123 Micro Economics

English

English Composition

ENGL 101 Composition 1

ENGL 102 Composition 11

ENGL 201 Expository Writing

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Mathematics

Calculus 1	MATH 231 Calculus 1
Calculus 2	MATH 232 Calculus 11
Calculus 3	MATH 233 Calculus 111
Linear Algebra	MATH 229 Linear Algebra
Differential Equations	MATH 310 Differential Equations
Statistics	MATH 125 Statistical Methods

Physics

Physics 1	PHYS 111 College Physics 1
	PHYS 211 Calculus Physics 1
Physics 2	PHYS 112 College Physics 11
	PHYS 212 Calculus Physics 11

Psychology

Psychology	PSYC 111 General Psychology
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Sociology

Sociology	SOCS 111 Introduction to Sociology
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* Students pursuing Animal Science (PreVeterinary), Biological Engineering, Biological Sciences, Biology & Society, Entomology, Environmental Engineering, Food Science, Nutritional Science, Science of Earth Systems at Cornell University are required to take BIOL 111 and BIOL 112 with lab.

*Students pursuing other programs may fulfill the Biology requirement by taking one course from each category below with lab when available.

Biology 1 – focus on cell biology, physiology, genetics

BIOL 101 General Biology
BIOL 104 Principles of Animal Anatomy and Physiology
BIOL 158 or 159 Anatomy & Physiology 1, 11
BIOL 258 or 259 Anatomy & Physiology 1, 11
BIOL 105 Principles of Genetics
BIOL 111 Biology 1
BIOL 116 Botany 1

Biology 2 – focus on ecology, diversity, evolution

AGRN 232 Plant Ecology
BIOL 211 Terrestrial Ecology
BIOL 215 Aquatic and Marine Ecology
BIOL 112 Biology 11
BIOL 117 Botany 11

