

Cornell University College of Agriculture and Life Sciences

Broome Community College

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

Required Transfer Course

Course Equivalency

<u>Required Transfer Course</u>	<u>Course Equivalency</u>
Art	
Design	ART 105 Two-Dimensional Design ART 106 Three-Dimensional Design
Drawing	ART 115 Beginning Drawing
Biology	
Biology 1*	BIO 111 General Biology1
Biology 2 *	BIO 112 General Biology 11
(*For students pursuing Applied Economics & Management, Communication, Development Sociology, Information Science and Landscape Architecture majors only.)	
All other majors:	
Biology 1 with lab	BIO 117 Principles of Biology 1
Biology 2 with lab	BIO 118 Principles of Biology 2
Microbiology	BIO 150 Microbiology
Physiology	BIO 101 Anatomy & Physiology
Chemistry	
Chemistry 1 with lab	CHM 145 Chemistry 1
Chemistry 2 with lab	CHM 146 Chemistry 11
Organic Chemistry 1 with lab	CHM 245 Organic Chemistry 1
Organic Chemistry 2 with lab	CHM 246 Organic Chemistry 11
Communication	
Public Speaking	SPK 110 Effective Speaking or SPK 203 Advanced Speaking
Computer	
Computer Programming	CST 113 Introduction to C++ or CST 120 Java Programming

Broome Community College page two

Economics

Macro Economics
Micro Economics

ECO 111 Intro to Macro Economics
ECO 110 Intro to Micro Economics

English

English Composition

ENG 110 College Writing
or
ENG 170 Creative Writing
or
ENG 210 Advanced Writing

Engineering Mechanics

EGR 281 Mechanics – Statics
and
EGR 282 Mechanics - Dynamics

Mathematics

Calculus 1
Calculus 2
Calculus 3
Linear Algebra
Differential Equations
Statistics

MAT 181 Calculus 1
MAT 182 Calculus 11
MAT 281 Calculus 111
MAT 264 Linear Algebra
MAT 282 Differential Equations
MAT 124 Statistics 1

Physics

Physics 1

PHY 161 Physics 1
PHY 181 Physics 1 for Engineers*
PHY 162 Physics 11
PHY 182 Physics 11 for Engineers*

Physics 2

* For students pursuing Atmospheric Science, Biological Engineering, Environmental Engineering at Cornell University.

Psychology

Psychology

PSY 110 General Psychology

Sociology

Sociology

SOC 110 Introduction to Sociology

12/08