

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

Nassau Community College

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

Required Transfer Course	Course Equivalency
Art	
Design	ART 105 Principles of 2 Dimensional Design
Drawing	ART 111 Drawing 1
Biology	
Biology 1 with lab	BIO 101 General Biology1
Biology 2 with lab	BIO 102 General Biology 11
Microbiology	BIO 214 Microbiology
Physiology	BIO 202 Physiology
Chemistry	
Chemistry 1 with lab	CHE 131 General Chemistry 1
Chemistry 2 with lab	CHE 132 General Chemistry 11
Organic Chemistry 1 with lab	CHE 201 Organic Chemistry 1
Organic Chemistry 2 with lab	CHE 202 Organic Chemistry 11
Communication	
Public Speaking	COM 101 Oral Communication COM 102 Persuasive Speaking COM 103 Public Speaking
Computer	
Computer Programming	CMP 211 Computer Science 11 & CMP 217 C Programming Language CMP 219 Object Oriented Programming in C++
or	

Nassau CC cont.

Economics

Macro Economics

ECO 207 Principles of
Macroeconomics

Micro Economics

ECO 208 Principles of
Microeconomics

English

English Composition

ENG 101 Composition 1

ENG 102 Composition 11

ENG 109 Art of Analysis

ENG 200 Advanced Composition

Engineering Mechanics

ENS 205 Statics

&

ENS 206 Dynamics

Mathematics

Calculus 1

MAT 122 Calculus 1

Calculus 2

MAT 123 Calculus 11

Calculus 3

MAT 225 Multivariable Calculus

Linear Algebra

MAT 226 Linear Algebra

Differential Equations

MAT 234 Differential Equations

Statistics

MAT 102 Intro to Statistics

Physics

Physics 1

or

PHY 101 General Physics 1

PHY 151 Physics for Scientists and
Mathematicians 1

Physics 2

or

PHY 102 General Physics 11

PHY 152 Physics for Scientists and
Mathematicians 11

Psychology

Psychology

PSY 203 Introductory Psychology

Sociology

Sociology

SOC 201 Introduction to Sociology

