

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

Rockland Community College

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

Required Transfer Course

Course Equivalency

Art

Design
Drawing

ART 111 Design 1
ART 102 Drawing 1

Biology

Biology 1 with lab
Biology 2 with lab

BIO 105 General Biology1
BIO 106 General Biology 11

Chemistry

Chemistry 1 with lab
Chemistry 2 with lab
Organic Chemistry 1 with lab
Organic Chemistry 2 with lab

CHM101 Inorganic Chemistry 1
CHM 102 Inorganic Chemistry 11
CHM 201 Organic Chemistry 1
CHM 202 Organic Chemistry 11

Communication

Public Speaking

SPE 101 Fundamentals of Speech

Computer

Computer Programming

CSP 127 Computer
Programming/Java
or
CSP 141 Introduction to
Programming in C++

Economics

Macro Economics

Micro Economics

ECO 202 Fundamentals of
Economics 11
ECO 201 Fundamentals of
Economics 1

Rockland Community College cont.

English

English Composition

ENG 101 English Composition 1
ENG 102 English Composition 11
ENG 208 Creative Writing

Engineering Mechanics

ENR 203 Engineering Statics
&
ENR 204 Engineering Dynamics

Mathematics

Calculus 1
Calculus 2
Calculus 3
Linear Algebra
Differential Equations
Statistics

MAT 203 Calculus 1
MAT 204 Calculus 11
MAT 205 Calculus 111
MAT 207 Linear Algebra
MAT 206 Differential Equations
MAT 125 Statistics

Physics

Physics 1

PHY 101 or 101H General Physics 1

PHY 105 Engineering Physics*

Physics 2

PHY 102 or 102H General Physics 11

PHY 106 Engineering Physics 11*

Psychology

Psychology

PSY 103 General Psychology

Sociology

Sociology

SOC 201 Principles of Sociology

* Students interested in pursuing Atmospheric Science, Biological and Environmental Engineering are required to take.