

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

Dutchess 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 111 Three Dimensional
Design

Drawing

ART 112 Drawing

Biology*

Biology 1 with lab

BIO 101 General Biology 1

Biology 2 with lab

BIO 102 General Biology 11

*Students interested in pursuing Applied Economics & Management,
Communication, Development Sociology, Information Science and Landscape
Architecture programs only, can take

Biology 1

BIO 103 Human Biology

Biology 2

BIO 104 Environmental
Biology

Chemistry

Chemistry 1 with lab

CHE 121 General Chemistry 1

Chemistry 2 with lab

CHE 122 General Chemistry 2

Organic Chemistry 1 with lab

CHE 231 Organic Chemistry 1

Organic Chemistry 2 with lab

CHE 232 Organic Chemistry 2

Communication

Public Speaking

SPE 101 Public Speaking

Computer

Computer Programming

CIS 114 Computer
Programming in C

&

CIS 214 C++ Object Oriented
Programming

or

CIS 215 Internet
Programming

Dutchess Community College cont.

Economics

Macro Economics ECO 202 Macroeconomics
Micro Economics ECO 201 Microeconomics

English

English Composition ENG 101 Composition
ENG 102 Composition 2
ENG 218 Advanced Composition

Engineering Mechanics

ENR 208 Engineering Statics
ENR 209 Engineering Dynamics

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Mathematics

Calculus 1 MAT 221 Analytic Geometry
& Calculus 1
Calculus 2 MAT 222 Analytic Geometry
& Calculus 11
Calculus 3 MAT 223 Analytic Geometry
& Calculus 111
Linear Algebra MAT 215 Linear Algebra
Differential Equations MAT 224 Differential Equations
Statistics MAT 118 Elementary Statistics

Physics

Physics 1 PHY 121 General Physics 1
PHY 151 Engineering Physics 1*
Physics 2 PHY 122 University Physics 11
PHY 152 Engineering Physics 11*

* For students pursuing Atmospheric Science, Biological Engineering or Environmental Engineering.

Psychology

Psychology PSY 111 Psychological Principles 1

Sociology

BHS 203 Sociology