

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

**Jamestown Community College**

**For list of required courses for transfer by CALS major see  
[www.cals.cornell.edu](http://www.cals.cornell.edu)**

**Required Transfer Course**

**Course Equivalency**

**Art**

Design

ART 1530 2-D Design & Color or  
ART 1540 3-D Design, Concepts, Materials

Drawing

ART 1510 Drawing 1

**Biology**

Biology 1 with lab

BIO1570 Principles of Biology1

Biology 2 with lab

BIO1580 Principles of Biology 11

Microbiology

BIO 2530 Microbiology

Physiology

BIO 2510 Anatomy & Physiology 1 and  
BIO 2520 Anatomy & Physiology 11

**Chemistry**

Chemistry 1 with lab

CHE 1550 College Chemistry 1

Chemistry 2 with lab

CHE 1560 College Chemistry 11

Organic Chemistry 1

CHE 2530 Organic Chemistry 1

Organic Chemistry 2

CHE 2540 Organic Chemistry 11

**Communication**

Public Speaking

CMM 1610 Public Speaking

**Computer**

Computer Programming

CSC 1590 Computing Fundamentals 1

**Economics**

Macro Economics

ECO 2610 Macroeconomic Principles

Micro Economics

ECO 2620 Microeconomic Principles

**Jamestown CC cont.**

**English**

English Composition

Any two of the following:

ENG 1510 English Composition 1

ENG 1530: English Composition 11

ENG 1540 Writing About Literature

**Engineering**

Engineering Mechanics

ENR 2550 Mechanics-Statics &

ENR 2560 Mechanics-Dynamics

**Mathematics**

Calculus 1

MAT 1710 Calculus and Analytic  
Geometry 1

Calculus 2

MAT 1720 Calculus and Analytic  
Geometry 11

Calculus 3

MAT 2650 Intermediate Calculus

Linear Algebra

MAT 2670 Linear Algebra

Differential Equations

MAT 2680 Ordinary Differential Equations

Statistics

MAT 1540 Elementary Statistics

**Physics**

Physics 1

PHY 1610 General Physics 1 or

PHY 1710 Mechanics

Physics 2

PHY 1620 General Physics 11 or

PHY 2710 Electricity & Magnetism

**Psychology**

Psychology

PSY 1510 General Psychology

**Sociology**

Sociology

SOC 1510 Introduction to Sociology