

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

College of the Sequoias (CA)

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

Required Transfer Course

Course Equivalency

Art

Design

ART 006 Color and Design

Drawing

ART 008 Drawing Fundamentals

Biology

Biology 1 with lab

BIOL 001 Principles of Biology 1

Biology 2 with lab

BIOL 002 Principles of Biology 11

Microbiology

BIOL 040 Microbiology

Physiology

BIOL 031 Human Physiology

Chemistry

Chemistry 1 with lab

CHEM 001 General Chemistry 1

Chemistry 2 with lab

CHEM 002 General Chemistry 11

Organic Chemistry 1 with lab

CHEM 012 Organic Chemistry 1

Organic Chemistry 2 with lab

CHEM 013 Organic Chemistry 11

Communication

Public Speaking

COMM 112 Business Public Speaking
or

COMM 001 Fundamentals of Public
Speaking

Computer

Computer Programming

CSCI 001 Programming Concepts/Method
&

CSCI 002 Programming Concepts/Method 2

Economics

Macro Economics

ECON 050 Principles of Macroeconomics

Micro Economics

ECON 040 Principles of Microeconomics

COS cont.

English

English Composition

ENGL 001 Composition & Literature
ENGL 002 Logic & Composition
ENGL 004 College Composition & Literature
ENGL 14B Creative Writing

Engineering Mechanics

ENGR 002 Statics
&
ENGR 003 Materials

Environmental Science

BIOL 025 Ecology
GEOL 012 Environmental Geology

Mathematics

Calculus 1
Calculus 2
Calculus 3
Linear Algebra
Differential Equations

MATH 075 Calculus with Analytic Geometry 1
MATH 075 Calculus with Analytic Geometry 2
MATH 077 Calculus 3
MATH 080 Linear Algebra
MATH 081 Differential Equations Statistics
MATH 021 Introduction to Statistics

Physics

Physics 1
Physics 2
Physics
Physics
Physics

PHYS 020 General Physics 1
PHYS 021 General Physics 2
PHYS 005 Physics for Engineers 1
PHYS 006 Physics for Engineers 2
PHYS 007 Physics for Engineers 3

Psychology

Psychology

PSY 001 General Psychology

Sociology

Sociology

SOC 001 Introduction to Sociology