

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

Modesto Junior College (CA)

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

Required Transfer Course

Course Equivalency

Art

Design

ART 124 Color and Design

Drawing

ART 120 Basic Drawing

Biology

Biology 1 with lab

BIOL 101 Biological Principles

or

BIOL 111 General Biology

Biology 2 with lab

BIOL 115 Genetics, Evolution &
Society

or

BIOL 130 Introduction to Marine
Vertebrates

or

PL SC 200 Introduction to Plant
Science

or

ANSC 200 Introduction to Animal
Science

Microbiology

MICRO 101 Microbiology

Physiology

PHYSO 101 Human Physiology

Chemistry

Chemistry 1 with lab

CHEM 101 General Chemistry 1

Chemistry 2 with lab

CHEM 102 General Chemistry 11

Organic Chemistry 1

CHEM 112 Organic Chemistry 1

Organic Chemistry 2

CHEM 113 Organic Chemistry 11

Communication

Public Speaking

SPCOM 100 Fund of Public Spkg

MJC cont.

Computer

Computer Programming

CMPS 205 Problem Solving and Programming

Economics*

Macro Economics

Micro Economics

ECON 101 Economic Principles

ECON 102 Economic Principles

*AGEC 210 Elements of Ag Econ

English

English Composition

ENGL 101 Composition and Reading

ENGL 102 Advanced Composition

ENGL 103 Advanced Composition

Engineering

Engineering Mechanics

ENGR 135 Engineering Mechanics &

ENGR 130 Properties of Materials

Mathematics

Calculus 1

Calculus 2

Calculus 3

Linear Algebra

Differential Equations

Statistics

MATH 171 Calculus 1

MATH 172 Calculus 11

MATH 173 Calculus 111

MATH 174 Linear Algebra

MATH 174 Differential Equations

MATH 134 Statistics

Physics

Physics 1

Physics 2

PHYS 101 General Physics 1

PHYS 102 General Physics 11

Psychology

Psychology

PSYCH 101 General Psychology

Sociology

Sociology

SOCIO 101 Intro to Sociology

*Students wishing to study AgriBusiness (within Applied Economics and Management at Cornell) can take AGECE 210 Elements of Agricultural Economics and either ECON 101 or 102 and will likely take another Economics course when a student at Cornell.

