

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

Morrisville State College

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

Required Transfer Course	Course Equivalency
Art	
Design	ARCH 110 Architectural Design 1
Drawing	ART 120 Intro to Drawing
Biology*	
Biology 1 with lab	BIOL 120 General Biology1
Biology 2 with lab	BIOL 121 General Biology 11
Microbiology	BIOL 140 Microbiology
Physiology	BIOL 150 Human Anatomy & Physiology 1
Chemistry	
Chemistry 1 with lab	CHEM 121, 121L General College Chemistry 1 Or CHEM 101 Basic Chemistry
Chemistry 2 with lab	CHEM 122, 122L General College Chemistry 11
Organic Chemistry 1 with lab	CHEM 241, CHEM 241L Organic Chemistry 1
Organic Chemistry 2	CHEM 242, CHEM 242L, Organic Chemistry 11
Communication	
Public Speaking	ENGL 121 Introduction to Speech
Computer	
Computer Programming	CITA 140 Intro to Programming & COSC 201 Programming with C or COSC 231 Advanced Programming Techniques

MSC page two

Economics

Macro Economics

Micro Economics

MSC Cont.

SOCS 120 Intro to Macro Economics

SOCS 121 Intro to Micro Economics

English

English Composition

Any two of the following:

ENGL 100 Intro to College Writing

ENGL 101 Composition & Research

ENGL 220 Writing in the Disciplines

Engineering Mechanics

ENGR 201 Analytical Mechanics 1

&

ENGR 202 Analytical Mechanics 11

Mathematics

Calculus 1

MATH 151 Analytic Geometry &
Calculus 1

Calculus 2

MATH 152 Analytic Geometry &
Calculus 11

Calculus 3

MATH 251 Analytic Geometry &
Calculus 111

Linear Algebra

MATH 149 Elementary Linear
Algebra

Differential Equations

MATH 262 Differential Equations &
Matrix Algebra

Statistics

MATH 141 Statistics

or

BSAD 221 Business Statistics

Physics

Physics 1

PHYS 127 General Physics 1

Physics 2

PHYS 128 General Physics 11

Psychology

Psychology

SOCS 105 Intro to Psychology

Sociology

Sociology

SOCS 106 Introduction to Sociology

MSC page three

*Students pursuing Animal Science (non prevet), Applied Economics and Management, Communication, Development Sociology, Landscape Architecture, Natural Resources may fulfill the Introduction Biology course requirement by taking one course from each category below. Take with lab when available.

Biology 1 – focus on cell biology, physiology, genetics

AGSC 350 Animal Genetics
BIOL 105 Human Biology with lab
BIOL 230 Human Genetics
BIOL 260 Principles of Zoology
DANS 120 Anatomy & Physiology of the Dairy Cow
BIOL 102 Botany Form and Function
ENSC 102 Botany
ESCI 110 Equine Anatomy and Physiology
NATR 260 Principles of Zoology
BIOL 120 General Biology 1

Biology 2 – focus on ecology, diversity, evolution

BIOL 102 Botany Form and Function
ENSC 102 Botany
BIOL 103 Botany: Plant Diversity
NATR 100 Intro to Forestry and Natural Resources
NATR 101 Intro to Ecology
NATR 115 Forest Ecology
NATR 250 Aquatic Ecology
BIOL 121 General Biology 11