

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

**Borough of Manhattan 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 105 Color and Design

Drawing

ART 161 Drawing 1

**Biology**

Biology 1 with lab

BIO 210 General Biology1

Biology 2 with lab

BIO 220 General Biology 11

Microbiology

BIO 230 Fundamentals Microbiology

Physiology

BIO 425 and 426 Anatomy &  
Physiology 1 and 11

**Chemistry**

Chemistry 1 with lab

CHE 201 College Chemistry 1

Chemistry 2 with lab

CHE 202 College Chemistry 11

Organic Chemistry 1 with lab

CHE 230 Organic Chemistry 1

Organic Chemistry 2 with lab

CHE 240 Organic Chemistry 11

**Communication**

Public Speaking

SPE 100 Fundamentals of Speech

**Computer**

Computer Programming

CSC 110 Computer Programming 1

&

CSC 210 Computer Programming 11

**Economics**

Macro Economics

ECO 201 Macroeconomics

Micro Economics

ECO 202 Microeconomics

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**English**

English Composition

ENG 101 English Composition 1  
ENG 201 English Composition 11  
ENG 314 Advanced Composition

**Engineering Mechanics**

ESC 201 Engineering Mechanics 1  
&  
ESC 202 Engineering Mechanics 11

**Mathematics**

Calculus 1  
Calculus 2  
Calculus 3  
Linear Algebra  
Differential Equations  
Statistics

MAT 301 Calculus 1  
MAT 302 Calculus 11  
MAT 303 Calculus 111  
MAT 315 Linear Algebra  
MAT 501 Differential Equations  
MAT 209 Statistics

**Physics**

Physics 1  
Physics 2

PHY 215 University Physics 1  
PHY 225 University Physics 11

**Psychology**

Psychology

PSY 100 General Psychology

**Sociology**

Sociology

SOC 100 Introduction to Sociology