

Cornell University

College of Agriculture and Life Sciences

Bakersfield College (CA)

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

Required Transfer Course

Course Equivalency

Required Transfer Course	Course Equivalency
Art	
Design	ART B3ab Basic Design
Drawing	ART B2ab Basic Drawing
Biology	
Biology *	BIOL B11 Concepts of Biology
Biology *	BIOL B20 Human Biology
Biology *	CRPS B10 Plant Biology
(*For students pursuing Agricultural Sciences, Animal Science (non PreVet), Applied Economics & Management, Communication, Development Sociology, Information Science and Landscape Architecture majors only – can take any 2 courses)	
All other majors:	
Biology 1 with lab	BIOL B3a General Biology1
Biology 2 with lab	BIOL B3b General Biology 11
Microbiology	BIOL B16 General Microbiology
Physiology	BIOL B15 Human Physiology
Chemistry	
Chemistry 1 with lab	CHEM B1a General Chemistry 1
Chemistry 2 with lab	CHEM B1b General Chemistry 11
Organic Chemistry 1 with lab*	CHEM B18 Organic Chemistry
Organic Chemistry 2 with lab	
Communication	
Public Speaking	COMM B1 Public Speaking or COMM B4 Persuasive Communication or COMM B5 Rhetoric and Argumentation
Computer	
Computer Programming	COMS B14 Programming with Java or COMS B25 Programming with C

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Economics

Macro Economics

Micro Economics

ECON B2 Principles of Macro

ECON B1 Principles of Micro

English

English Composition

ENGL B1 Introductory Composition
or

ENGL B1a Expository Composition
or

ENGL B41abcd Creative Writing
or

ENGL B2 Advanced Composition

Engineering Mechanics

ENGR B36 Engineering Mechanics -
Statics

&

ENGR B37 Engineering Mechanics – Dynamics

Mathematics

Calculus 1

MATH B6a Analytic Geometry &
Calculus 1

Calculus 2

MATH B6b Analytic Geometry &
Calculus 11

Calculus 3

MATH B6c Calculus 111

Linear Algebra

MATH B6e Elementary Linear
Algebra

Differential Equations

MATH B6d Ordinary Differential
Equations

Statistics

MATH B22 Elementary Probability &
Statistics

Physics

Physics 1

PHYS B2a General Physics 1

Physics 2

PHYS B2b General Physics 11

Psychology

Psychology

PSYC B1a General Psychology

Sociology

Sociology

SOCI B1 Introduction to Sociology