Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: University of California, Santa Cruz 2022-2023 General Catalog, Quarter	From: De Anza College 2022-2023 General Catalog, Quarter

Business Management Economics B.A.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meet campus selection criteria. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UC Santa Cruz, please visit the Admissions website: https://admissions.ucsc.edu/attend-ucsc/transfer-students.

This articulation agreement lists course-to-course, sequence-to-sequence or requirement substitutions for preparation in the major. **Transfer students are strongly encouraged to complete as many major preparatory courses as possible prior to enrolling at UCSC. <u>Completion of all major preparatory courses is not an admissions requirement, but some majors require certain courses to be completed prior to transfer with a specified GPA</u>, and completion or near completion of major preparatory courses will help students move more efficiently toward graduation after transfer.**

UC Santa Cruz Advanced Placement (AP) and International Baccalaureate (IB) credit policies are detailed in the link below:

UC Santa Cruz AP/IB Chart 2022-2023

BUSINESS MANAGEMENT ECONOMICS B.A.

Please visit the department's website to learn more about this major: https://economics.ucsc.edu/academics/undergraduate-program/index.html

<u>ADMISSION SELECTION CRITERIA</u>

To be considered for admission to the Business Management Economics B.A. major, transfer students must complete equivalents of the following courses with a grade of C (2.0) or better in each course, and with a combined overall GPA of 2.80 in the three required courses, by the end of spring term for students planning to enter in the fall:

ECON 1: Introductory Microeconomics: Resource Allocation and Market Structure

ECON 2: Introductory Macroeconomics: Aggregate Economic Activity

One of the following courses:

AM 11A/ECON 11A: Mathematical Methods for Economists I **OR** MATH 11A: Calculus with Applications **OR** MATH 19A: Calculus for Science, Engineering, and Mathematics

In addition, the following courses or their equivalents are strongly recommended prior to transfer to ensure timely graduation:

AM 11B/ECON 11B: Mathematical Methods for Economists II **OR** MATH 19B: Calculus for Science, Engineering, and Mathematics

MATH 22: Introduction to Calculus of Several Variables **OR** MATH 23A: Vector Calculus

ECON 10A: Economics of Accounting

ECON 10B: Economics of Accounting

STAT 17: Statistical Methods for Business and Economics **AND** STAT 17L: Statistical Methods for Business and Economics Laboratory

Prospective students are encouraged to prioritize required and recommended major preparation, and may additionally complete courses that articulate to UC Santa Cruz general education requirements as time allows.

<u>COMPUTER LITERACY REQUIREMENT</u>

Although not a requirement for transfer, students may complete the major's computer literacy requirement prior to transfer by completing equivalents of two of the Computer Science and Engineering (CSE) courses from the list below.

THIS IS A SCREENING MAJOR. For more information on screening major requirements please visit the Admissions website: https://admissions.ucsc.edu/posts/screening-major-selection-criteria

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

ECON 1 - Introductory Microeconomics: Resource Allocation and Market Structure (5.00)	←	ECON 2 - Principles of Microeconomics (4.00)
		--- Or ---
		ECON 2H - Principles of Microeconomics - HONORS (4.00)
ECON 2 - Introductory Macroeconomics: Aggregate Economic Activity (5.00)	←	ECON 1 - Principles of Macroeconomics (4.00)
		--- Or ---
		ECON 1H - Principles of Macroeconomics - HONORS (4.00)

AM 11A - Mathematical Methods for Economists I (5.00) Same-As: ECON 11A	←	MATH 12 - Introductory Calculus for Business and Social Science (5.00)
--- Or ---		
MATH 11A - Calculus with Applications (5.00)	←	MATH 1A - Calculus (5.00)
		--- Or ---
		MATH 1AH - Calculus - HONORS (5.00)
--- Or ---		
MATH 19A - Calculus for Science, Engineering, and Mathematics (5.00)	←	MATH 1A - Calculus (5.00)
		--- Or ---
		MATH 1AH - Calculus - HONORS (5.00)

STRONGLY RECOMMENDED ADVANCED PREPARATION COURSES

AM 11B - Mathematical Methods for Economists II (5.00) Same-As: ECON 11B	←	No Course Articulated

--- Or ---

MATH 11B - Calculus with Applications (5.00)	←	MATH 1B - Calculus (5.00)
		--- And ---
		MATH 1C - Calculus (5.00)
		--- Or ---
		MATH 1BH - Calculus - HONORS (5.00)
		--- And ---
		MATH 1CH - Calculus - HONORS (5.00)
--- And ---		
MATH 22 - Introduction to Calculus of Several Variables (5.00)	←	MATH 1C - Calculus (5.00)
		--- And ---
		MATH 1D - Calculus (5.00)
		--- Or ---
		MATH 1CH - Calculus - HONORS (5.00)
		--- And ---
		MATH 1DH - Calculus - HONORS (5.00)

--- Or ---

MATH 19B - Calculus for Science, Engineering, and Mathematics (5.00)	←	MATH 1B - Calculus (5.00)
		--- And ---
		MATH 1C - Calculus (5.00)
		--- Or ---
		MATH 1BH - Calculus - HONORS (5.00)
		--- And ---
		MATH 1CH - Calculus - HONORS (5.00)

--- And ---

MATH 23A - Vector Calculus (5.00)	←	**MATH 1D** - Calculus (5.00)
		--- Or ---
		MATH 1DH - Calculus - HONORS (5.00)

ECON 10A - Economics of Accounting (5.00)	←	**ACCT 1A** - Financial Accounting I (5.00)
		--- Or ---
		ACCT 1AH - Financial Accounting I - HONORS (5.00)
ECON 10B - Economics of Accounting (5.00)	←	**ACCT 1B** - Financial Accounting II (5.00)
		--- And ---
		ACCT 1C - Managerial Accounting (5.00)
		--- Or ---
		ACCT 1BH - Financial Accounting II - HONORS (5.00)
		--- And ---
		ACCT 1CH - Managerial Accounting - HONORS (5.00)
STAT 17 - Statistical Methods for Business and Economics (5.00)	←	No Course Articulated
STAT 17L - Statistical Methods for Business and Economics Laboratory (2.00)	←	No Course Articulated

ADDITIONAL MAJOR PREPARATION COURSES

Select 2 Course(s) from the following

CSE 5J - Introduction to Programming in Java (5.00)	←	**CIS 36A** - Introduction to Computer Programming Using Java (4.50)
CSE 10 - Introduction to Computer Science (5.00)	←	No Course Articulated
CSE 12 - Computer Systems and Assembly Language and Lab (7.00)	←	**CIS 21JA** - Introduction to x86 Processor Assembly Language and Computer Architecture (4.50)
		--- Or ---
		CIS 21JB - Advanced x86 Processor Assembly Programming (4.50)

ECE 13 - Computer Systems and C Programming (7.00)	←	No Course Articulated
--- Or ---		
CSE 13S - Computer Systems and C Programming (7.00)	←	**CIS 22B** - Intermediate Programming Methodologies in C++ (4.50)
		--- Or ---
		CIS 22BH - Intermediate Programming Methodologies in C++ - HONORS (4.50)
		--- Or ---
		CIS 26A - C as a Second Programming Language (4.50)

CSE 20 - Beginning Programming in Python (5.00)	←	**CIS 40** - Introduction to Programming in Python (4.50)
		--- Or ---
		CIS 41A - Python Programming (4.50)
CSE 30 - Programming Abstractions: Python (7.00)	←	**CIS 22C** - Data Abstraction and Structures (4.50)
		• *Minimum grade required: B or better*
		--- Or ---
		CIS 22CH - Data Abstraction and Structures - HONORS (4.50)
		• *Minimum grade required: B or better*
TIM 50 - Business Information Systems (5.00)	←	**CIS 3** - Business Information Systems (4.50)
TIM 58 - Systems Analysis and Design (5.00)	←	No Course Articulated
CSE 80N - Introduction to Networking and the Internet (5.00)	←	No Course Articulated

END OF AGREEMENT