Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: California State University, Fullerton 2022-2023 General Catalog, Semester

From: Evergreen Valley College 2022-2023 General Catalog, Semester

Computer Science, B.S.

COMPUTER SCIENCE

The degree program for the Bachelor of Science in Computer Science assumes that students have already obtained a working knowledge of personal computing fundamentals and applications, including word processing, spreadsheets, database systems, e-mail systems and presentation graphics.

The curriculum begins with a three-course sequence covering concepts of programming and data structures. If students have knowledge of these topics, but do not have the courses to transfer, nor AP scores to submit, they may take the Computer Science Placement Examination to waive one or more of these courses. The test may be taken only once, and scores are valid for two consecutive semesters.

General Education

All students at Cal State Fullerton are expected to complete prescribed units of General Education that are made up of courses outside of their chosen disciplines. Students seeking a degree in Engineering have been provided exceptions from some of the General Education requirements. For this reason, it is important that students take the approved G.E. courses for Engineering majors that are found in their Titan Degree Audit (TDA). Additionally, they should confirm the G.E. courses that are required within their specific programs with their respective advisers.

LOWER DIVISION CORE

) from the following
CPSC 120 - Introduction to Programming (3.00)	\leftarrow	COMSC 020 - Introduction to Programming Concepts and Methodologies (3.00)
CPSC 121 - Object-Oriented Programming (3.00)	\leftarrow	COMSC 075 - Computer Science I: Introduction to Program Structures (3.00)
CPSC 131 - Data Structures (3.00)	\leftarrow	COMSC 076 - Computer Science II: Introduction to Data Structure (3.00)
CPSC 240 - Computer Organization & Assembly Language (3.00)	\leftarrow	COMSC 077 - Introduction to Computer Systems (3.00)
CPSC 253 - Cybersecurity Foundations and Principles (3.00)	←	No Course Articulated
-	And	
Select 1 Cours	e(s) fro	m the following
CPSC 223C - C Programming (3.00)	\leftarrow	No Course Articulated
CPSC 223J - Java Programming (3.00)	\leftarrow	No Course Articulated
CPSC 223N - Visual C# Programming (3.00)	\leftarrow	No Course Articulated
CPSC 223P - Python Programming (3.00)	\leftarrow	No Course Articulated

MATHEMATICS REQUIREMENTS

Select 18 Semester Unit(s) from the following		
MATH 150A - Calculus I (4.00)	← MATH 071 - Calculus I with Analytic Geometry (5.00)	
MATH 150B - Calculus II (4.00)	← MATH 072 - Calculus II with Analytic Geometry (5.00)	
MATH 170A - Mathematical Structures I (3.00)	← COMSC 080 - Discrete Structures (3.00)	
	Or	
	MATH 070 - Discrete Mathematics (4.00)	
MATH 170B - Mathematical Structure II (3.00)	← No Course Articulated	
MATH 338 - Stat Appl to Natural Sci (4.00)	← No Course Articulated	

MATH AND SCIENCE (WITH CORRESPONDING LAB) ELECTIVES- SEE ADDITIONAL INFORMATION UNDER ARTICULATION DETAILS

ARTICULATION DETAILS			
Select 12 Semester Unit(s) from the following			
BIOL 101 - Elements of Biology (3.00)	← No Course Articulated		
BIOL 101L - Elements of Biology Laboratory (1.00)	← No Course Articulated		
BIOL 151 - Cellular & Molecular Biology (4.00)	← BIOL 004A - General Principles and Cell Biology (5.00)		
BIOL 152 - Evolution & Organismal Biology (4.00)	← BIOL 004B - Organismal Biology and Biodiversity (5.00)		
CHEM 120A - General Chemistry (5.00)	← CHEM 001A - General Chemistry (5.00)		
CHEM 120B - General Chemistry (5.00)	← CHEM 001B - General Chemistry (5.00)		
CHEM 123 - Chemistry for Engineers (3.00)	← No Course Articulated		
CHEM 125 - Gen Chemistry B Lecture (3.00)	← Course(s) Denied: CHEM 1B;		
GEOL 101 - Introduction to Geology (3.00)	← No Course Articulated		
GEOL 101L - Introduction to Geology Laboratory (1.00)	← No Course Articulated		
GEOL 201 - Earth History (3.00)	← No Course Articulated		
GEOL 201L - Earth History Supplemental Lab (1.00)	← No Course Articulated		
MATH 250A - Calculus III (4.00)	← MATH 073 - Multivariable Calculus (5.00)		
MATH 250B - Intro to Linear Algebra and Diff. Equations (4.00)	MATH 078 - Differential Equations (4.00)		
	And		
	MATH 079 - Linear Algebra (3.00)		
PHYS 225 - Fundamental Phys; Mechanics (3.00)	← No Course Articulated		
PHYS 225L - Fundamental Physics Lab (1.00)	← No Course Articulated		
PHYS 226 - Fund Phys.Elect + Magnetism (3.00)	← No Course Articulated		
PHYS 226L - Fundamental Physics Lab (1.00)	← No Course Articulated		
PHYS 227 - Fund Phys: Waves, Optics, & Mod Phys (1.00 - 3.00)	← No Course Articulated		

COMPUTER SCIENCE ELECTIVES

← No Course Articulated

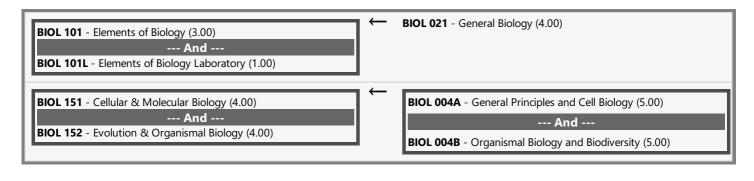
CPSC 254 - Software Development with Open Source Systems (3.00) ← No Course Articulated

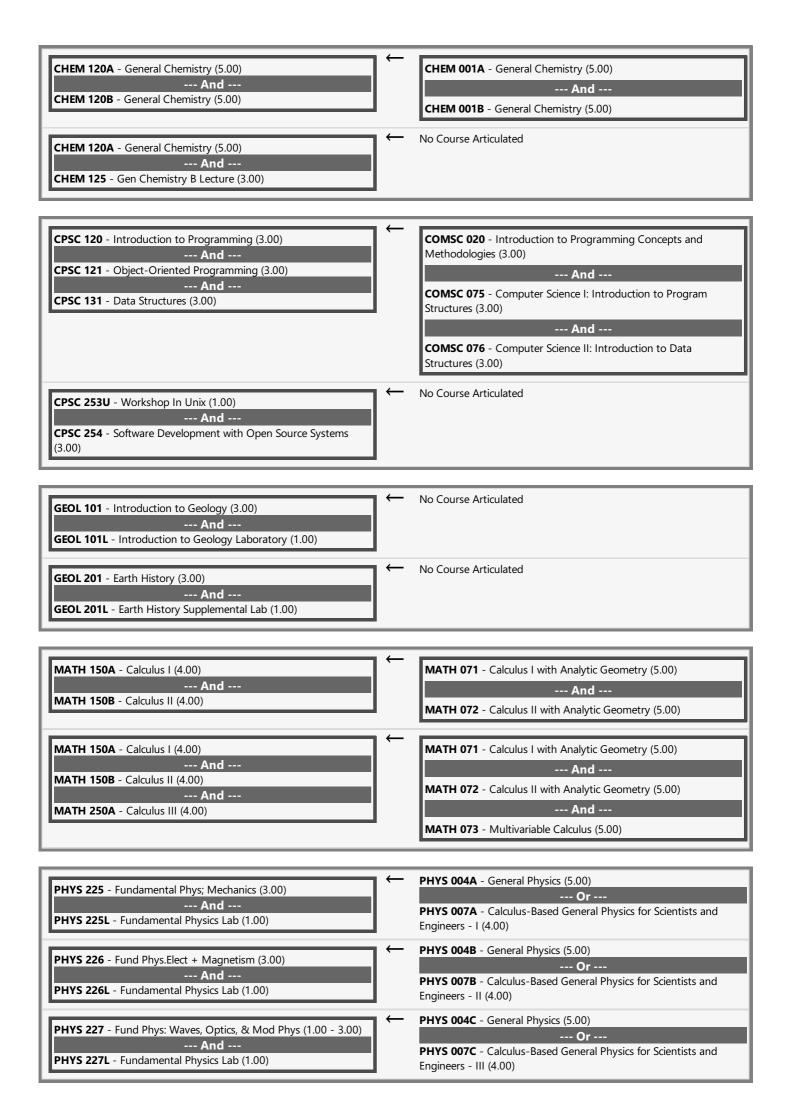
PHYS 227L - Fundamental Physics Lab (1.00)

REQUIRED FOR GRADUATION

POSC 100 - American Government (3.00) ← POLSC 001 - Politics and Government in America (3.00)

ARTICULATION DETAILS





END OF AGREEMENT