

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU CHEM 001A	Allan Hancock Community College	CHEM 150 General Chemistry 1
SJSU CHEM 001A	American River College	CHEM 400 General Chemistry I
SJSU CHEM 001A	Antelope Valley College	CHEM 110 General Chemistry
SJSU CHEM 001A	Bakersfield College	CHEM B1A General Chemistry I
SJSU CHEM 001A	Barstow College	CHEM 2A General Chemistry I
SJSU CHEM 001A	Berkeley City College	CHEM 1A General Chemistry
SJSU CHEM 001A	Butte College	CHEM 1 General Chemistry I
SJSU CHEM 001A	Cabrillo College	CHEM 1A General Chemistry I
SJSU CHEM 001A	California Polytechnic University, Humboldt	Chem 109 General Chemistry
SJSU CHEM 001A	Canada College	CHEM 210 General Chemistry I
SJSU CHEM 001A	Cerritos College	CHEM 111 General Chemistry
SJSU CHEM 001A	Cerro Coso College	CHEM C111 General Chemistry I
SJSU CHEM 001A	Chabot College	CHEM 1A General College Chemistry I
SJSU CHEM 001A	Chaffey College	CHEM 24A General Chemistry I
SJSU CHEM 001A	Citrus Community College	CHEM 111 General Chemistry I
SJSU CHEM 001A	City College of San Francisco	CHEM 101A General College Chemistry
SJSU CHEM 001A	Clovis Community College	CHEM 1A General Chemistry
SJSU CHEM 001A	Coalinga College	CHEM 001A General Chemistry I
SJSU CHEM 001A	Coastline College	* CHEM C180 General Chemistry A AND CHEM C180L General Chemistry Lab A

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SJSU CHEM 001A	College of Alameda	CHEM 1A General Chemistry
SJSU CHEM 001A	College of Marin	CHEM 131 General Chemistry I
SJSU CHEM 001A	College of San Mateo	CHEM 210 General Chemistry I
SJSU CHEM 001A	College of the Canyons	CHEM 201 General Chemistry I OR CHEM 201H General Chemistry I - Honors
SJSU CHEM 001A	College of the Desert	CH 1A General Chemistry I
SJSU CHEM 001A	College of the Redwoods	CHEM 1A General Chemistry
SJSU CHEM 001A	College of the Sequoias	CHEM 001 General Chemistry 1
SJSU CHEM 001A	College of the Siskiyous	CHEM 2000 General Chemistry I
SJSU CHEM 001A	Columbia College	* CHEM 2A General Chemistry I AND CHEM 2AL General Chemistry I Laboratory
SJSU CHEM 001A	Compton College	CHEM 150 General Chemistry I
SJSU CHEM 001A	Contra Costa College	CHEM 120 General College Chemistry I
SJSU CHEM 001A	Copper Mountain College	CH 001A General Chemistry
SJSU CHEM 001A	Cosumnes River College	CHEM 400 General Chemistry I
SJSU CHEM 001A	Crafton Hills College	CHEM 150 General Chemistry I
SJSU CHEM 001A	CSU, Channel Islands	CHEM 121 General Chemistry I
SJSU CHEM 001A	CSU, Chico	CHEM 111 General Chemistry
SJSU CHEM 001A	CSU, Dominguez Hills	Che 110 General Chemistry I

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SJSU CHEM 001A	CSU, East Bay	Chem 111 General Chemistry I AND Chem 111L General Chemistry Lab I
SJSU CHEM 001A	CSU, Fresno	Chem 1A General Chemistry 1A
SJSU CHEM 001A	CSU, Fullerton	Chem 120A General Chemistry
SJSU CHEM 001A	CSU, Long Beach	Chem 111A General Chemistry
SJSU CHEM 001A	CSU, Los Angeles	Chem 1100 General Chemistry I
SJSU CHEM 001A	CSU, Monterey Bay	CHEM 110 Chemistry I AND CHEM 110L Chemistry I Lab
SJSU CHEM 001A	CSU, Northridge	Chem 101 General Chemistry I AND Chem 101L General Chemistry I Laboratory
SJSU CHEM 001A	CSU, Sacramento	Chem 1A General Chemistry I
SJSU CHEM 001A	CSU, San Bernardino	Chem 2100 General Chemistry I AND Chem 2100L General Chemistry I Laboratory
SJSU CHEM 001A	CSU, Stanislaus	Chem 1100 General Chemistry I AND Chem 1102 General Chemistry I Laboratory
SJSU CHEM 001A	Cuesta College	CHEM 201A General College Chemistry I
SJSU CHEM 001A	Cuyamaca College	CHEM 141 General Chemistry I
SJSU CHEM 001A	Cypress College	CHEM 111AC General Chemistry I

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SJSU CHEM 001A	DeAnza College	*	CHEM 1A General Chemistry I AND CHEM 1B General Chemistry II OR CHEM 1AH General Chemistry I - HONORS AND CHEM 1BH General Chemistry II - HONORS
SJSU CHEM 001A	Diablo Valley College		CHEM 120 General College Chemistry I
SJSU CHEM 001A	East Los Angeles College		CHEM 101 General Chemistry I
SJSU CHEM 001A	El Camino College		CHEM 1A General Chemistry I
SJSU CHEM 001A	Evergreen Valley College		CHEM 001A General Chemistry
SJSU CHEM 001A	Feather River College		CHEM 102 General Chemistry I
SJSU CHEM 001A	Folsom Lake College		CHEM 400 General Chemistry I
SJSU CHEM 001A	Foothill College	*	CHEM 1A General Chemistry AND CHEM 1B General Chemistry
SJSU CHEM 001A	Fresno City College		CHEM 1A General Chemistry I
SJSU CHEM 001A	Fullerton College		CHEM 111AF General Chemistry I
SJSU CHEM 001A	Gavilan College		CHEM 1A General Chemistry
SJSU CHEM 001A	Glendale Community College		CHEM 101 General Chemistry A
SJSU CHEM 001A	Golden West College		CHEM G180 General Chemistry A
SJSU CHEM 001A	Grossmont College		CHEM 141 General Chemistry I
SJSU CHEM 001A	Hartnell College		CHM 1A General Chemistry I
SJSU CHEM 001A	Imperial Valley College		CHEM 200 General Inorganic Chemistry I

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SJSU CHEM 001A	Irvine Valley College		CHEM 1A General Chemistry I OR CHEM 1AH General Chemistry 1 Honors
SJSU CHEM 001A	Lake Tahoe Community College	*	CHM 101 General Chemistry I AND CHM 102 General Chemistry II
SJSU CHEM 001A	Laney College		CHEM 1A General Chemistry
SJSU CHEM 001A	Las Positas College		CHEM 1A General College Chemistry I
SJSU CHEM 001A	Lassen College		CHEM 1A General Chemistry I
SJSU CHEM 001A	Lemoore College		CHEM 001A General Chemistry I
SJSU CHEM 001A	Long Beach City College		CHEM 1A General Chemistry
SJSU CHEM 001A	Los Angeles City College		CHEM 101 General Chemistry I
SJSU CHEM 001A	Los Angeles Harbor College		CHEM 101 General Chemistry I
SJSU CHEM 001A	Los Angeles Mission College		CHEM 101 General Chemistry I
SJSU CHEM 001A	Los Angeles Pierce College		CHEM 101 General Chemistry I
SJSU CHEM 001A	Los Angeles Southwest College		CHEM 101 General Chemistry I
SJSU CHEM 001A	Los Angeles Trade Technical College		CHEM 101 General Chemistry I
SJSU CHEM 001A	Los Angeles Valley College		CHEM 101 General Chemistry I
SJSU CHEM 001A	Los Medanos College		CHEM 025 General College Chemistry I
SJSU CHEM 001A	Madera Community College		CHEM 1A General Chemistry
SJSU CHEM 001A	Mendocino College		CHM 250 General Chemistry I
SJSU CHEM 001A	Merced College		CHEM 4A General Chemistry I
SJSU CHEM 001A	Merritt College		CHEM 1A General Chemistry

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SJSU CHEM 001A	Miracosta College	CHEM 150 General Chemistry I: For Science Majors
SJSU CHEM 001A	Mission College	CHM 001A General Chemistry OR CHM 001AH General Chemistry I - Honors
SJSU CHEM 001A	Modesto Junior College	CHEM 101 General Chemistry 1
SJSU CHEM 001A	Monterey Peninsula College	CHEM 1A General Chemistry I
SJSU CHEM 001A	Moorpark College	CHEM M01A General Chemistry I OR CHEM M01AH Honors: General Chemistry I
SJSU CHEM 001A	Moreno Valley College	CHE 1A General Chemistry, I OR CHE 1AH Honors General Chemistry, I
SJSU CHEM 001A	Mount San Antonio College	CHEM 50 General Chemistry I OR CHEM 50H General Chemistry I - Honors
SJSU CHEM 001A	Mount San Jacinto College	CHEM 101 General Chemistry I OR CHEM 101H Honors General Chemistry I
SJSU CHEM 001A	Napa Valley College	CHEM 120 General Chemistry 1
SJSU CHEM 001A	Norco College	CHE 1A General Chemistry, I
SJSU CHEM 001A	Ohlone College	CHEM 101A General Chemistry
SJSU CHEM 001A	Orange Coast College	CHEM A180 General Chemistry A
SJSU CHEM 001A	Oxnard College	CHEM R120 General Chemistry I

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SJSU CHEM 001A	Palo Verde College	*	CHE 210 General Chemistry I AND CHE 211 General Chemistry II
SJSU CHEM 001A	Palomar College	*	CHEM 110 General Chemistry AND CHEM 110L General Chemistry Laboratory
SJSU CHEM 001A	Pasadena City College		CHEM 001A General Chemistry and Chemical Analysis I
SJSU CHEM 001A	Porterville College		Chem P101A General Chemistry I
SJSU CHEM 001A	Reedley College		CHEM 1A General Chemistry
SJSU CHEM 001A	Rio Hondo College		Chem 130 General Chemistry I
SJSU CHEM 001A	Riverside City College		Che 1A General Chemistry, I OR Che 1AH Honors General Chemistry, I
SJSU CHEM 001A	Sacramento City College		CHEM 400 General Chemistry I
SJSU CHEM 001A	Saddleback College		Chem 1A General Chemistry
SJSU CHEM 001A	San Bernardino Valley College		Chem 150 General Chemistry I
SJSU CHEM 001A	San Diego City College	*	Chem 200 General Chemistry I - Lecture AND Chem 200L General Chemistry I - Laboratory
SJSU CHEM 001A	San Diego Mesa College	*	Chem 200 General Chemistry I - Lecture AND Chem 200L General Chemistry I - Laboratory
SJSU CHEM 001A	San Diego Miramar College	*	Chem 200 General Chemistry I - Lecture AND Chem 200L General Chemistry I - Laboratory

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SJSU CHEM 001A	San Diego State University		Chem 200 General Chemistry
SJSU CHEM 001A	San Francisco State University		Chem 115 Gen Chem I: Essential Concepts of Chemistry
SJSU CHEM 001A	San Joaquin Delta College		Chem 1A General Chemistry
SJSU CHEM 001A	San Jose City College		Chem 001A General Chemistry OR CHEM 001AH Honors General Chemistry
SJSU CHEM 001A	Santa Ana College		Chem 219 General Chemistry OR Chem 219H Honors General Chemistry
SJSU CHEM 001A	Santa Barbara City College		Chem 155 General Chemistry I
SJSU CHEM 001A	Santa Monica College		Chem 11 General Chemistry I
SJSU CHEM 001A	Santa Rosa Junior College	*	Chem 3A General Chemistry Part 1: Lecture AND Chem 3AL General Chemistry Part 1: Lab
SJSU CHEM 001A	Santiago Canyon College		CHEM 200A General Chemistry A OR CHEM 200AH Honors General Chemistry AH
SJSU CHEM 001A	Shasta College		Chem 1A General Chemistry
SJSU CHEM 001A	Sierra College	*	Chem 1A General Chemistry I OR Chem 3A General Chemistry I - Part 1 AND Chem 3B General Chemistry I - Part 2
SJSU CHEM 001A	Skyline College		Chem 210 General Chemistry I
SJSU CHEM 001A	Solano Community College		Chem 001 General Chemistry I

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SJSU CHEM 001A	Sonoma State University		Chem 115A General Chemistry
SJSU CHEM 001A	Southwestern College		Chem 200 General Chemistry I
SJSU CHEM 001A	Taft College		CHEM 2211 General Chemistry
SJSU CHEM 001A	University of California, Davis		Che 2A General Chemistry AND Che 2B General Chemistry OR Che 2AH Honors General Chemistry AND Che 2BH Honors General Chemistry
SJSU CHEM 001A	University of California, Santa Cruz	*	CHEM 1A General Chemistry AND CHEM 1B General Chemistry AND CHEM 1M General Chemistry Lab
SJSU CHEM 001A	Ventura College		CHEM V120A General Chemistry I
SJSU CHEM 001A	Victor Valley College		Chem 201 General Chemistry
SJSU CHEM 001A	West Los Angeles College		Chem 101 General Chemistry I
SJSU CHEM 001A	West Valley College		Chem 001A General Chemistry OR CHEM 001AH Honors General Chemistry
SJSU CHEM 001A	Woodland Community College		CHEM 1A General Chemistry I
SJSU CHEM 001A	Yuba College		CHEM 1A General Chemistry
SJSU CS 046A	Allan Hancock Community College	*	CS 111 Fundamentals of Programming I AND CS 112 Fundamentals of Programming 2

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SJSU CS 046A	American River College	*	CISP 401 Object Oriented Programming with Java OR CISC 310 Introduction to Computer Information Science AND CISP 400 Object Oriented Programming with C++
SJSU CS 046A	Antelope Valley College	*	CS 121 Programming and Algorithms in Java AND CS 131 Data Structures in Java
SJSU CS 046A	Bakersfield College	*	COMP B11 Programming Concepts and Methodology I AND COMP B12 Programming Concepts and Methodology II
SJSU CS 046A	Berkeley City College		CIS 25 Object Oriented Programming Using C++ OR CIS 36A Java Programming Language I
SJSU CS 046A	Butte College	*	CSCI 4 Introduction to Programming Concepts and Methodologies AND CSCI 20 Programming and Algorithms I
SJSU CS 046A	Cabrillo College		CS 19 C++ Programming OR CS 20J Java Programming
SJSU CS 046A	California Polytechnic University, Humboldt		CS 111 Computer Science Foundations 1
SJSU CS 046A	Canada College	*	CIS 284 Introduction to Object Oriented Programming - Java AND CIS 286 Introduction to Data Structures - Java
SJSU CS 046A	Cerritos College		CIS 183 Java Programming

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SJSU CS 046A	Chabot College		CSCI 15 Object-Oriented Programming Methods OR CSCI 19A Object-Oriented Programming Methods in JAVA
SJSU CS 046A	City College of San Francisco		CS 110B Programming Fundamentals: C++ OR CS 111B Programming Fundamentals: Java
SJSU CS 046A	Clovis Community College		CSCI 40 Programming Concepts and Methodology I
SJSU CS 046A	College of Alameda		CIS 25 Object-Oriented Programming Using C++
SJSU CS 046A	College of Marin		COMP 130 Introduction to Computer Programming Using C++ OR COMP 135 Introduction to Computer Programming Using Java
SJSU CS 046A	College of San Mateo		CIS 255 (CS1) Programming Methods: Java OR CIS 278 (CS1) Programming Methods: C++
SJSU CS 046A	College of the Desert	*	CS 7A Computer Science I AND CS 7B Computer Science II
SJSU CS 046A	College of the Redwoods		CIS 12 Programming Fundamentals
SJSU CS 046A	College of the Sequoias	*	CSCI 001 Programming Concepts and Methods 1 AND CSCI 002 Programming Concepts and Methods 2
SJSU CS 046A	Columbia College		COMP 11J Programming Concepts and Methodology I (Java)

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SJSU CS 046A	Contra Costa College	*	COMP 200 Object Oriented Programming C++ OR COMP 112 Introduction to Programming AND COMP 165 Advanced Programming with C and C++
SJSU CS 046A	Cosumnes River College		CISP 360 Introduction to Structured Programming OR CISP 400 Object Oriented Programming with C++ OR CISP 401 Object Oriented Programming with JAVA
SJSU CS 046A	Crafton Hills College		CSCI 110 Introduction to Computer Science I (C++) OR CIS 113 Java Programming
SJSU CS 046A	CSU, Channel Islands		COMP 150 Object Oriented Programming
SJSU CS 046A	CSU, Pomona		CS 140 Introduction to Computer Science AND CS 141 Introduction to Programming and Problem Solving
SJSU CS 046A	CSU, Sacramento		CSC 15 Programming Concepts and Methodology I AND CSC 20 Programming Concepts and Methodology II
SJSU CS 046A	CSU, San Bernardino		CSE 2010 Computer Science I
SJSU CS 046A	Cuesta College		CIS 231 Fundamentals of Computer Science I
SJSU CS 046A	Cuyamaca College		CS 182 Introduction to JAVA Programming
SJSU CS 046A	Cypress College		CSCI 123C Intro to Programming Concepts in C++

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SJSU CS 046A	DeAnza College	*	CIS 35A Java Programming OR CIS 27 Programming in C++ for C/Java Programmers OR CIS 22A Beginning Programming Methodologies in C++ AND CIS 22B Intermediate Programming Methodologies in C++ OR CIS 22A Beginning Programming Methodologies in C++ AND CIS 22BH Intermediate Programming Methodologies in C++ - HONORS OR CIS 36A Introduction to Computer Programming Using Java AND CIS 36B Intermediate Problem Solving in Java
SJSU CS 046A	Diablo Valley College	*	COMSC 255 Programming with Java OR COMSC 110 Introduction to Programming AND COMSC 165 Advanced Programming with C and C++
SJSU CS 046A	East Los Angeles College		MATH 173 Object-Oriented Programming and Design
SJSU CS 046A	El Camino College		CSCI 1 Problem Solving and Program Design Using C++ OR CSCI 3 Object-Oriented Programming in Java
SJSU CS 046A	Evergreen Valley College		COMSC 075 Computer Science I: Introduction to Program Structures OR CIT 044 Java Programming

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SJSU CS 046A	Folsom Lake College		CISP 400 Object Oriented Programming with C++ OR CISP 401 Object Oriented Programming with JAVA
SJSU CS 046A	Foothill College		CS 1B Intermediate Software Design in JAVA
SJSU CS 046A	Fresno City College		CIT 63 Beginning Java Programming
SJSU CS 046A	Fullerton College		CSCI 123F Introduction to Programming Concepts in C++
SJSU CS 046A	Gavilan College		CSIS 45 C++ Programming I OR CSIS 24 Java Programming I AND CSIS 27 Java Programming II
SJSU CS 046A	Glendale Community College	*	CSIS 135 Programming in C/C++ AND CSIS 211 Data Structures
SJSU CS 046A	Grossmont College		CSIS 293 Introduction to Java Programming OR CSIS 296 Introduction to C++ Programming
SJSU CS 046A	Hartnell College		CSS 2A Object Oriented Programming
SJSU CS 046A	Irvine Valley College		CS 38 Java Programming
SJSU CS 046A	Lake Tahoe Community College	*	CIS 120A Computer Programming I AND CIS 120B Computer Programming II AND CIS 120C Computer Programming III

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SJSU CS 046A	Laney College		CIS 25 Object Oriented Programming Using C++ OR CIS 36A Java Programming Language I
SJSU CS 046A	Las Positas College		CS 2 Computing Fundamentals II
SJSU CS 046A	Long Beach City College		CS 21 Introduction to Computer Science-Java
SJSU CS 046A	Los Angeles City College	*	CS 102 Programming Logic and Design (Introduction to Programming) AND CS 113 Programming in JAVA OR CS 102 Programming Logic and Design (Introduction to Programming) AND CS 116 Programming In C++
SJSU CS 046A	Los Angeles Harbor College		CS 113 Programming in JAVA OR CS 116 Programming in C++

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SJSU CS 046A	Los Angeles Mission College	*	CS 102 Programming Logic and Design AND CS 113 Programming in Java AND CS 216 Object Oriented Programming in C++ OR CS 116 Programming in C++ AND CS 213 Advanced Programming in JAVA OR CS 116 Programming in C++ AND CS 216 Object Oriented Programming in C++
SJSU CS 046A	Los Angeles Pierce College		CS 213 Advanced Programming in Java
SJSU CS 046A	Los Medanos College		COMSC 122 Programming Concepts & Methodologies I AND COMSC 132 Programming Concepts and Methodologies II
SJSU CS 046A	Madera Community College		CSCI 40 Programming Concepts and Methodology I
SJSU CS 046A	Merced College		CPSC 6 Programming Concepts and Methodology I
SJSU CS 046A	Mission College		CIS 043 Software Development with Java OR EGR 030 Introduction to Computing for Engineers
SJSU CS 046A	Modesto Junior College		CSCI 271 Problem Solving and Programming 1
SJSU CS 046A	Monterey Peninsula College		CSIS 10A Programming Methods I: JAVA
SJSU CS 046A	Moorpark College		CS M10J Introduction to Computer Programming Using Java OR CS M125 Programming Concepts and Methodology I

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SJSU CS 046A	Mount San Antonio College		CSCI 145 Java Language and Object Oriented Programming
SJSU CS 046A	Napa Valley College	*	COMS 120 Introduction to Programming Concepts and Methodologies AND COMS 215 Programming Concepts and Methodology I
SJSU CS 046A	Ohlone College		CS 116 Object-Oriented Programming Using C++
SJSU CS 046A	Orange Coast College		CS A170 Java Programming 1
SJSU CS 046A	Pasadena City College		CS 003B Fundamentals of Computer Science (Java)
SJSU CS 046A	Reedley College		CSCI 40 Programming Concepts and Methodology I
SJSU CS 046A	Riverside City College		CIS 18A JAVA Programming: Objects OR CSC 18A Java Programming: Objects
SJSU CS 046A	Sacramento City College		CISP 401 Object Oriented Programming with Java
SJSU CS 046A	Saddleback College		CS 1B Introduction to Computer Science II
SJSU CS 046A	San Bernardino Valley College		CS 190 Programming in C++
SJSU CS 046A	San Diego City College		CISC 190 Java Programming
SJSU CS 046A	San Diego Mesa College		CISC 190 Java Programming
SJSU CS 046A	San Diego Miramar College		CISC 190 Java Programming
SJSU CS 046A	San Diego State University		CS 107 Introduction to Computer Programming AND CS 108 Intermediate Computer Programming
SJSU CS 046A	San Francisco State University		CSC 210 Introduction to Computer Programming

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SJSU CS 046A	San Joaquin Delta College	CSP 26A JAVA Programming OR CSP 31A C++ Programming I
SJSU CS 046A	San Jose City College	CIS 084 Java Programming
SJSU CS 046A	Santa Barbara City College	CS 140 Object-Oriented Programming Using C++
SJSU CS 046A	Santa Monica College	CS 55 JAVA Programming
SJSU CS 046A	Sierra College	* CSCI 12 Programming Concepts and Methodology I AND CSCI 13 Programming Concepts and Methodology II
SJSU CS 046A	Skyline College	CIS 250 Intro to Object-Oriented Programming: C++ OR CIS 274 Introduction to Object-Oriented Programming: Java
SJSU CS 046A	Solano Community College	CIS 022 Introduction to Programming
SJSU CS 046A	Sonoma State University	* CS 115 Programming I AND CS 215 Programming II
SJSU CS 046A	Southwestern College	Math 130 Introduction to Computer Programming
SJSU CS 046A	West Valley College	CIST 004A Computer Programming I (C++ Programming) OR CIST 004A1 Computer Programming I (JAVA)
SJSU CS 046A	Yuba College	COMSC 9A C++ Programming
SJSU CS 046B	Allan Hancock Community College	* CS 111 Fundamentals of Programming I AND CS 112 Fundamentals of Programming 2
SJSU CS 046B	American River College	CISP 430 Data Structures

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SJSU CS 046B	Antelope Valley College	*	CS 121 Programming and Algorithms in Java AND CS 131 Data Structures in Java
SJSU CS 046B	Berkeley City College		CIS 27 Data Structure and Algorithms
SJSU CS 046B	Butte College	*	CSCI 20 Programming and Algorithms I AND CSCI 21 Programming and Algorithms II
SJSU CS 046B	Cabrillo College		CS 21 Introduction to Data Structures and Algorithms
SJSU CS 046B	Canada College	*	CIS 284 Introduction to Object Oriented Programming - Java AND CIS 286 Introduction to Data Structures - Java
SJSU CS 046B	Chabot College		CSCI 20 Introduction to Data Structures
SJSU CS 046B	City College of San Francisco		CS 110C Data Structures and Algorithms: C++ OR CS 111C Data Structures and Algorithms: Java
SJSU CS 046B	Clovis Community College		CSCI 41 Programming Concepts and Methodology II
SJSU CS 046B	College of Marin		COMP 220 Data Structures and Algorithms
SJSU CS 046B	College of San Mateo		CIS 256 (CS2) Data Structures: Java OR CIS 279 (CS2) Data Structures: C++
SJSU CS 046B	College of the Desert	*	CS 7A Computer Science I AND CS 7B Computer Science II
SJSU CS 046B	College of the Sequoias		CSCI 002 Programming Concepts and Methods 2
SJSU CS 046B	Columbia College		COMP 12J Programming Concepts and Methodology II (Java)

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SJSU CS 046B	Contra Costa College	COMP 210 Program Design and Data Structures
SJSU CS 046B	Cosumnes River College	CISP 430 Data Structures
SJSU CS 046B	Crafton Hills College	CSCI 230 Data Structures and Algorithms (Java)
SJSU CS 046B	CSU, Channel Islands	COMP 151 Data Structures and Program Design
SJSU CS 046B	CSU, San Bernardino	CSE 2020 Computer Science II
SJSU CS 046B	Cuesta College	CIS 232 Fundamentals of Computer Science II
SJSU CS 046B	Cypress College	CSCI 133C Data Structures in C++
SJSU CS 046B	DeAnza College	CIS 22C Data Abstraction and Structures OR CIS 22CH Data Abstraction and Structures - HONORS
SJSU CS 046B	Diablo Valley College	COMSC 210 Program Design & Data Structures
SJSU CS 046B	East Los Angeles College	MATH 273 Introduction to Data Structures and Algorithms
SJSU CS 046B	El Camino College	CSCI 2 Introduction to Data Structures
SJSU CS 046B	Evergreen Valley College	COMSC 076 Computer Science II: Introduction to Data Structures
SJSU CS 046B	Feather River College	* ICT 201 Programming Concepts and Methodology I AND ICT 202 Programming Concepts and Methodology II
SJSU CS 046B	Folsom Lake College	CISP 430 Data Structures
SJSU CS 046B	Foothill College	CS 1C Advanced Data Structures & Algorithms in JAVA
SJSU CS 046B	Fresno City College	CSCI 41 Programming Concepts & Methodology II
SJSU CS 046B	Fullerton College	CSCI 133F Data Structures in C++

Courses with an asterisk (*) have a special comment.

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU CS 046B	Gavilan College		CSIS 46 C++ Programming II OR CSIS 24 Java Programming I AND CSIS 27 Java Programming II
SJSU CS 046B	Glendale Community College	*	CSIS 135 Programming in C/C++ AND CSIS 211 Data Structures
SJSU CS 046B	Golden West College		CS G153 Java Programming 1 AND CS G189 C++ Programming 2
SJSU CS 046B	Grossmont College		CSIS 294 Intermediate Java Programming and Fundamental Data Structures
SJSU CS 046B	Hartnell College		CSS 2B Data Structures and Algorithms
SJSU CS 046B	Imperial Valley College	*	CS 221 Introduction to Object Oriented Programming in JAVA AND CS 231 Introduction to Data Structures
SJSU CS 046B	Irvine Valley College		CS 41 Data Structures
SJSU CS 046B	Lake Tahoe Community College	*	CIS 120A Computer Programming I AND CIS 120B Computer Programming II AND CIS 120C Computer Programming III
SJSU CS 046B	Laney College		CIS 27 Data Structures and Algorithms
SJSU CS 046B	Las Positas College		CS 20 Advanced Programming Methods with Data Structures using C++

Courses with an asterisk (*) have a special comment.

Computer Science Core and Science Electives

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU CS 046B	Long Beach City College		CS 22 Data Structures and Algorithms
SJSU CS 046B	Los Angeles Harbor College	*	CS 116 Programming in C++ AND CS 136 Intro to Data Structures
SJSU CS 046B	Los Angeles Mission College	*	CS 113 Programming in Java AND CS 136 Introduction to Data Structures AND CS 216 Object Oriented Programming in C++
SJSU CS 046B	Los Medanos College		COMSC 132 Programming Concepts and Methodologies II
SJSU CS 046B	Madera Community College		CSCI 41 Programming Concepts and Methodology II
SJSU CS 046B	Mendocino College	*	CSC 221 Programming and Algorithms I AND CSC 222 Programming and Algorithms II
SJSU CS 046B	Merced College		CPSC 39 Programming Concepts and Methodology II
SJSU CS 046B	Merritt College	*	CIS 6 Introduction To Computer Programming AND CIS 33 Software Architectures and Algorithms OR CIS 7 Control Structures and Objects AND CIS 33 Software Architectures and Algorithms
SJSU CS 046B	Mission College		CIS 044 Introduction to Data Structures Using Java
SJSU CS 046B	Modesto Junior College		CSCI 272 Problem Solving and Programming 2
SJSU CS 046B	Monterey Peninsula College		CSIS 10B Programming Methods II: JAVA

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The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU CS 046B	Norco College	*	CSC 5 Programming Concepts and Methodology I: C++ AND CSC 17A Programming Concepts and Methodology II: C++ OR CIS 5 Programming Concepts and Methodology I: C++ AND CIS 17A Programming Concepts and Methodology II: C++
SJSU CS 046B	Ohlone College		CS 124 Programming with Data Structures
SJSU CS 046B	Palomar College	*	CSCI 112 Programming Fundamentals I AND CSCI 210 Data Structures
SJSU CS 046B	Pasadena City College		CS 008 Fundamentals of Computer Science III-Data Structures
SJSU CS 046B	Reedley College		CSCI 41 Programming Concepts and Methodology II
SJSU CS 046B	Riverside City College		CIS 18C Java Programming: Data Structures OR CSC 18C Java Programming: Data Structures
SJSU CS 046B	Sacramento City College		CISP 430 Data Structures
SJSU CS 046B	San Bernardino Valley College		CS 265 Data Structures and Algorithms with C++
SJSU CS 046B	San Diego City College		CISC 187 Data Structures in C++
SJSU CS 046B	San Diego Mesa College		CISC 187 Data Structures in C++
SJSU CS 046B	San Diego Miramar College		CISC 187 Data Structures in C++
SJSU CS 046B	San Francisco State University		CSC 220 Data Structures
SJSU CS 046B	San Joaquin Delta College		CSP 26B Data Structures with Java OR CSP 31B C++ Programming II

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The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU CS 046B	San Jose City College	CIS 055 Data Structures: Programming
SJSU CS 046B	Santa Barbara City College	CS 106 Theory and Practice II
SJSU CS 046B	Santa Monica College	CS 20A Data Structures with C++
SJSU CS 046B	Sierra College	CSCI 14 Data Structures
SJSU CS 046B	Skyline College	CIS 286 Introduction to Data Structures: Java
SJSU CS 046B	Solano Community College	CIS 023 Data Structures & Algorithms
SJSU CS 046B	Southwestern College	MATH 140 Data Structures and Algorithms
SJSU CS 046B	Ventura College	CS V15 Data Structures and Algorithms
SJSU CS 046B	West Valley College	CIST 004B Data Structures Using Advanced C++ OR CIST 004B1 Data Structures Using Advanced JAVA
SJSU CS 046B	Yuba College	COMSC 9B Data Structures
SJSU CS 047	Allan Hancock Community College	CS 131 Computer Organization
SJSU CS 047	American River College	CISP 310 Computer Architecture and Organization
SJSU CS 047	Antelope Valley College	CS 140 Assembly Language and Computer Architecture
SJSU CS 047	Bakersfield College	COMP B13 Computer Architecture and Organization
SJSU CS 047	Barstow College	CSIS 10 Computer Architecture and Organization with Assembly Programming
SJSU CS 047	Berkeley City College	CIS 20 Microcomputer Assembly Language
SJSU CS 047	Butte College	CSCI 10 Computer Architecture and Organization
SJSU CS 047	Cabrillo College	CS 24 Elementary Computer Organization
SJSU CS 047	Canada College	CIS 242 Computer Architecture and Assembly Language

Computer Science Core and Science Electives

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU CS 047	Cerritos College	CIS 231 Computer Organization and Assembly Language Programming
SJSU CS 047	Chabot College	CSCI 21 Computer Organization and Assembly Language Programming
SJSU CS 047	Chaffey College	COMPSCI 3 Computer Architecture and Organization
SJSU CS 047	Citrus Community College	CS 242 Computer Architecture and Organization
SJSU CS 047	City College of San Francisco	CS 270 Computer Architecture with Assembly Language
SJSU CS 047	Clovis Community College	CSCI 45 Computer Organization and Assembly Language Programming
SJSU CS 047	College of Marin	COMP 160 Computer Organization: An Assembly Language Perspective
SJSU CS 047	College of San Mateo	CIS 264 Computer Organization and Systems Programming
SJSU CS 047	College of the Canyons	COMPSCI 122 Computer Architecture and Assembly Language
SJSU CS 047	College of the Desert	CS 8 Computer Architecture and Organization
SJSU CS 047	College of the Sequoias	CSCI 005 Computer Arch & Organization
SJSU CS 047	College of the Siskiyous	CSCI 2006 Assembly Language Programming
SJSU CS 047	Contra Costa College	COMP 265 Assembly Language Programming/Computer Organization
SJSU CS 047	Copper Mountain College	CS 087 Assembler Language Programming
SJSU CS 047	Cosumnes River College	CISP 310 Assembly Language Programming on Microcomputers
SJSU CS 047	Crafton Hills College	CSCI 240 Computer Organization and Assembly Language Programming
SJSU CS 047	CSU, Chico	CSCI 221 Assembly Language Programming

Computer Science Core and Science Electives

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU CS 047	CSU, East Bay	CMPE 221 Assembly Language and Logic Design
SJSU CS 047	CSU, Sacramento	CSC 35 Introduction to Computer Architecture
SJSU CS 047	Cuesta College	CIS 240 Microcomputer Architecture and Programming
SJSU CS 047	Cypress College	CSCI 242C Computer Architecture and Organization
SJSU CS 047	DeAnza College	CIS 21JA Introduction to x86 Processor Assembly Language and Computer Architecture
SJSU CS 047	Diablo Valley College	COMSC 260 Assembly Language Programming/Computer Organization
SJSU CS 047	East Los Angeles College	CS 130 Introduction to Computer Architecture and Organization
SJSU CS 047	El Camino College	CSCI 16 Assembly Language Programming for the x86 (IBM PC) Processors
SJSU CS 047	Evergreen Valley College	COMSC 077 Introduction to Computer Systems
SJSU CS 047	Folsom Lake College	CISP 310 Assembly Language Programming for Microcomputers
SJSU CS 047	Foothill College	CS 10 Computer Architecture & Organization
SJSU CS 047	Fresno City College	CSCI 45 Computer Architecture and Organization
SJSU CS 047	Fullerton College	CSCI 241F Computer Organization and Assembly Language Programming
SJSU CS 047	Gavilan College	* CSIS 12 Assemble Language Programming OR CSIS 12 Assemble Language Programming AND CSIS 12L Assemble Language Programming Lab OR CSIS 28 Computer Architecture and Organization

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Computer Science Core and Science Electives

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU CS 047	Glendale Community College	CSIS 165 Computer Architecture and Assembly Language
SJSU CS 047	Golden West College	CS G242 Computer Architecture and Organization
SJSU CS 047	Hartnell College	CSS 3 Computer Architecture and Assembly Language Programming
SJSU CS 047	Imperial Valley College	CS 281 Assembly Language and Machine Organization
SJSU CS 047	Laney College	CIS 20 Microcomputer Assembly Language
SJSU CS 047	Las Positas College	CS 21 Computer Organization and Assembly Language Programming
SJSU CS 047	Long Beach City College	CS 51 Introduction to Computer Architecture
SJSU CS 047	Los Angeles City College	CS 130 Introduction To Computer Architecture and Organization
SJSU CS 047	Los Angeles Harbor College	CS 130 Introduction to Computer Architecture and Organization
SJSU CS 047	Los Angeles Mission College	CS 130 Introduction to Computer Architecture and Organization
SJSU CS 047	Los Angeles Pierce College	CS 130 Introduction to Computer Architecture and Organization
SJSU CS 047	Los Angeles Southwest College	CS 130 Introduction to Computer Architecture and Organization
SJSU CS 047	Los Medanos College	COMSC 142 Computer Architecture and Organization
SJSU CS 047	Madera Community College	CSCI 45 Computer Organization and Assembly Language Programming
SJSU CS 047	Mendocino College	CSC 210 Computer Organization and Architecture
SJSU CS 047	Merced College	CPSC 42 Computer Architecture and Organization
SJSU CS 047	Merritt College	CIS 78 Digital Architectures for Computation
SJSU CS 047	Miracosta College	CS 220 Computer Architecture and Assembly Language
SJSU CS 047	Mission College	CIS 039 Introduction to Computer Systems and Assembly Language

Computer Science Core and Science Electives

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU CS 047	Modesto Junior College	CSCI 273 Assembly Language Programming
SJSU CS 047	Monterey Peninsula College	CSIS 11 Computer Architectures and Organization
SJSU CS 047	Moorpark College	CS M145 Computer Architecture and Organization
SJSU CS 047	Moreno Valley College	CIS 11 Computer Architecture and Organization: Assembly
SJSU CS 047	Mount San Jacinto College	CSIS 118B Computer Organization & Assembly Language
SJSU CS 047	Napa Valley College	COMS 217 Assembly Programming
SJSU CS 047	Norco College	CIS 11 Computer Architecture and Organization: Assembly OR CSC 11 Computer Architecture and Organization: Assembly
SJSU CS 047	Ohlone College	CS 118 Introduction to Assembly Language Programming
SJSU CS 047	Palomar College	CSCI 212 Machine Organization and Assembly Language
SJSU CS 047	Pasadena City College	CS 066 Assembly Language Programming for the Sciences and Mathematics
SJSU CS 047	Reedley College	CSCI 45 Computer Organization and Assembly Language Programming
SJSU CS 047	Riverside City College	CIS 11 Computer Architecture and Organization: Assembly OR CSC 11 Computer Architecture and Organization: Assembly
SJSU CS 047	Sacramento City College	CISP 310 Computer Architecture and Organization
SJSU CS 047	Saddleback College	* CS 3A Computer Organization and Machine Language AND CS 3B Computer Organization and Assembly Language
SJSU CS 047	San Bernardino Valley College	CS 170 Assembly Language
SJSU CS 047	San Diego Mesa College	CISC 211 Computer Organization and Assembly Language

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Math 129A for content credit only.

SJSU CS 047	San Diego Miramar College	CISC 211 Computer Organization and Assembly Language
SJSU CS 047	San Diego State University	CS 237 Machine Organization and Assembly Language
SJSU CS 047	San Francisco State University	CSC 256 Machine Structures
SJSU CS 047	San Joaquin Delta College	CSP 25 Assembly Language Programming
SJSU CS 047	San Jose City College	CIS 087 Computer Systems, Architecture, and Organization
SJSU CS 047	Santa Ana College	CMPR 129 Introduction to Computer Organization
SJSU CS 047	Santa Barbara City College	CS 107 Computer Architecture & Organization
SJSU CS 047	Santa Monica College	* CS 17 Assembly Language Programming AND CS 42 Digital Logic
SJSU CS 047	Santa Rosa Junior College	CS 12 Assembly Language Programming/Computer Architecture
SJSU CS 047	Santiago Canyon College	CMPR 154 Computer Architecture and Organization
SJSU CS 047	Shasta College	CIS 63 Assembler Language Programming OR CIS 66 Computer Architecture and Organization
SJSU CS 047	Sierra College	CSCI 39 Introduction to Computer Architecture and Assembly Language
SJSU CS 047	Skyline College	CIS 242 Computer Architecture and Assembly Language
SJSU CS 047	Solano Community College	CIS 020 Assembly Programming
SJSU CS 047	Southwestern College	MATH 230 Computer Organization and Architecture
SJSU CS 047	Ventura College	CS V19 Computer Architecture and Organization
SJSU CS 047	Victor Valley College	CIS 208 Computer Architecture and Organization
SJSU CS 047	West Los Angeles College	CS 118 Microcomputer Assembly Language

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Math 129A for content credit only.

SJSU CS 047	West Valley College	CIST 039 Computer Organization and Assembly Programming
SJSU CS 047	Yuba College	COMSC 2 Computer Assembly Language
SJSU CS 049C	Berkeley City College	CIS 25 Object Oriented Programming Using C++
SJSU CS 049C	Cabrillo College	CS 19 C++ Programming
SJSU CS 049C	Canada College	CIS 250 Introduction to Object Oriented Programming: C++
SJSU CS 049C	Chabot College	CSCI 15 Object-Oriented Programming Methods
SJSU CS 049C	College of Alameda	CIS 25 Object-Oriented Programming Using C++ OR CIS 26 C Programming
SJSU CS 049C	College of Marin	COMP 130 Introduction to Computer Programming Using C++
SJSU CS 049C	College of San Mateo	CIS 278 (CS1) Programming Methods: C++
SJSU CS 049C	Columbia College	COMP 11P Programming Concepts and Methodology I (Python)
SJSU CS 049C	Contra Costa College	COMP 165 Advanced Programming with C and C++ OR COMP 200 Object Oriented Programming C++
SJSU CS 049C	Crafton Hills College	CSCI 110 Introduction to Computer Science I (C++)
SJSU CS 049C	Cuesta College	CIS 217 "C" Programming Language

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Math 129A for content credit only.

SJSU CS 049C	DeAnza College	*	CIS 26A C as a Second Programming Language OR CIS 22A Beginning Programming Methodologies in C++ AND CIS 22B Intermediate Programming Methodologies in C++ OR CIS 22A Beginning Programming Methodologies in C++ AND CIS 22BH Intermediate Programming Methodologies in C++ - HONORS
SJSU CS 049C	Diablo Valley College		COMSC 165 Advanced Programming with C and C++
SJSU CS 049C	Evergreen Valley College		COMSC 079C Programming in C
SJSU CS 049C	Fresno City College		CIT 66 Beginning C++ Programming
SJSU CS 049C	Fullerton College		CSCI 223F "C" Language for Mathematics and Science
SJSU CS 049C	Gavilan College		CSIS 45 C++ Programming I
SJSU CS 049C	Glendale Community College		CSIS 135 Programming in C/C++
SJSU CS 049C	Irvine Valley College		CS 36 C Programming
SJSU CS 049C	Laney College		CIS 25 Object Oriented Programming Using C++
SJSU CS 049C	Las Positas College		CS 1 Computing Fundamentals I OR CS 2 Computing Fundamentals II
SJSU CS 049C	Los Angeles Harbor College		CS 116 Programming in C++
SJSU CS 049C	Los Angeles Pierce College		CS 114 Programming in C
SJSU CS 049C	Los Medanos College		COMSC 044 Introduction to C++ Programming
SJSU CS 049C	Mission College		CIS 037A Introduction to C Programming

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The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU CS 049C	Mount San Antonio College	CISP 41 Programming in C#
SJSU CS 049C	Napa Valley College	COMS 215 Programming Concepts and Methodology I
SJSU CS 049C	Ohlone College	CS 116 Object-Oriented Programming Using C++ OR CS 102 Introduction to Computer Programming Using C++
SJSU CS 049C	Palomar College	CSCI 112 Programming Fundamentals I
SJSU CS 049C	San Diego City College	CISC 192 C/C++ Programming
SJSU CS 049C	San Diego Mesa College	CISC 192 C/C++ Programming
SJSU CS 049C	San Diego Miramar College	CISC 192 C/C++ Programming
SJSU CS 049C	San Joaquin Delta College	CSP 31A C++ Programming I
SJSU CS 049C	San Jose City College	CIS 054 C/C++ Programming
SJSU CS 049C	Santa Barbara City College	CS 137 C Programming
SJSU CS 049C	Santa Monica College	CS 50 C Programming
SJSU CS 049C	Santa Rosa Junior College	CS 10A Introduction to Programming Concepts and Methodologies
SJSU CS 049C	Santiago Canyon College	CMPR 213 C # Programming
SJSU CS 049C	Shasta College	CIS 61 C++ Language Programming
SJSU CS 049C	Sierra College	CSCI 46 System Programming with C
SJSU CS 049C	Skyline College	CIS 250 Intro to Object-Oriented Programming: C++
SJSU CS 049C	West Valley College	CIST 037 C Programming
SJSU CS 049C	Yuba College	COMSC 9A C++ Programming OR COMSC 11 Advanced C++ Programming

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 030	Allan Hancock Community College	MATH 181 Calculus 1
SJSU MATH 030	American River College	MATH 400 Calculus I
SJSU MATH 030	Antelope Valley College	MATH 150 Calculus and Analytic Geometry OR MATH 150H Calculus & Analytic Geometry Honors
SJSU MATH 030	Bakersfield College	MATH B6A Analytic Geometry and Calculus I
SJSU MATH 030	Barstow College	MATH 4A Calculus I
SJSU MATH 030	Berkeley City College	MATH 3A Calculus I
SJSU MATH 030	Butte College	MATH 30 Analytic Geometry and Calculus I
SJSU MATH 030	Cabrillo College	MATH 5A Analytical Geometry & Calculus I
SJSU MATH 030	California Polytechnic University, Humboldt	Math 109 Calculus I
SJSU MATH 030	Canada College	MATH 251 Analytical Geometry and Calculus I
SJSU MATH 030	Cerritos College	MATH 170 Analytical Geometry & Calculus I
SJSU MATH 030	Cerro Coso College	MATH C151 Analytic Geometry and Calculus I
SJSU MATH 030	Chabot College	MTH 1 Calculus I
SJSU MATH 030	Chaffey College	MATH 65A Calculus I
SJSU MATH 030	Citrus Community College	MATH 190 Calculus with Analytic Geometry I
SJSU MATH 030	City College of San Francisco	MATH 110A Calculus I
SJSU MATH 030	Clovis Community College	MATH 5A Math Analysis I
SJSU MATH 030	Coalinga College	MATH 001A Introduction to Calculus
SJSU MATH 030	Coastline College	MATH C180 Calculus 1
SJSU MATH 030	College of Alameda	MATH 3A Calculus I

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Math 129A for content credit only.

SJSU MATH 030	College of Marin	MATH 123 Analytic Geometry & Calculus I
SJSU MATH 030	College of San Mateo	MATH 251 Calculus with Analytic Geometry I
SJSU MATH 030	College of the Canyons	MATH 211 Calculus I
SJSU MATH 030	College of the Desert	MATH 1A Calculus
SJSU MATH 030	College of the Redwoods	MATH 50A Differential Calculus
SJSU MATH 030	College of the Sequoias	MATH 065 Calculus 1
SJSU MATH 030	College of the Siskiyou	MATH 1400 Calculus & Analytic Geometry I
SJSU MATH 030	Columbia College	MATH 18A Calculus I
SJSU MATH 030	Compton College	MATH 190 Single Variable Calculus and Analytic Geometry I
SJSU MATH 030	Contra Costa College	MATH 190 Analytic Geometry and Calculus I
SJSU MATH 030	Copper Mountain College	MATH 001A Calculus
SJSU MATH 030	Cosumnes River College	MATH 400 Calculus I
SJSU MATH 030	Crafton Hills College	MATH 250 Single Variable Calculus I OR MATH 250E Single Variable Calculus I Enhanced
SJSU MATH 030	CSU, Channel Islands	MATH 150 Calculus I
SJSU MATH 030	CSU, Chico	MATH 120 Analytical Geometry & Calculus
SJSU MATH 030	CSU, Dominguez Hills	Mat 191 Calculus I
SJSU MATH 030	CSU, East Bay	Math 130 Calculus I
SJSU MATH 030	CSU, Fresno	Math 75 Calculus I
SJSU MATH 030	CSU, Fullerton	Math 150A Calculus
SJSU MATH 030	CSU, Long Beach	Math 122 Calculus I

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Math 129A for content credit only.

SJSU MATH 030	CSU, Los Angeles		Math 2110 Calculus I
SJSU MATH 030	CSU, Monterey Bay		Math 150 Calculus I
SJSU MATH 030	CSU, Northridge		MATH 150A Calculus I
SJSU MATH 030	CSU, Sacramento		Math 30 Calculus I
SJSU MATH 030	CSU, San Bernardino		Math 2210 Calculus I
SJSU MATH 030	CSU, San Luis Obispo	*	MATH 141 Calculus I AND MATH 142 Calculus II OR HNRS 141 Calculus I AND HNRS 142 Calculus II
SJSU MATH 030	CSU, San Marcos	*	MATH 160 Calculus with Applications I AND MATH 162 Calculus with Applications II
SJSU MATH 030	CSU, Stanislaus		Math 1410 Calculus I
SJSU MATH 030	Cuesta College		MATH 265A Calculus I
SJSU MATH 030	Cuyamaca College		MATH 180 Analytic Geometry & Calculus I
SJSU MATH 030	Cypress College		MATH 150AC Calculus I
SJSU MATH 030	DeAnza College		MATH 1A Calculus I OR MATH 1AH Calculus I - HONORS
SJSU MATH 030	Diablo Valley College		MATH 192 Analytical Geometry & Calculus I
SJSU MATH 030	East Los Angeles College		MATH 261 Calculus I

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The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 030	El Camino College		MATH 190 Single Variable Calculus & Analytic Geometry I
SJSU MATH 030	Evergreen Valley College	*	MATH 071 Calculus I with Analytic Geometry OR MATH 066 Calculus I Late Transcendentals for STEM AND MATH 067 Calculus II Late Transcendentals for STEM
SJSU MATH 030	Feather River College		MATH 218 Single Variable Calculus I - Late Transcendentals
SJSU MATH 030	Folsom Lake College		MATH 400 Calculus I
SJSU MATH 030	Foothill College		MATH 1A Calculus OR MATH 1AH Calculus I Honors
SJSU MATH 030	Fresno City College		MATH 5A Mathematical Analysis I
SJSU MATH 030	Fullerton College		MATH 151F Calculus I OR MATH 151HF Honors Calculus I
SJSU MATH 030	Gavilan College		MATH 1A Single-Variable Calculus and Analytic Geometry
SJSU MATH 030	Glendale Community College		MATH 103E Calculus and Analytic Geometry I OR MATH 103EH Honors Calculus and Analytic Geometry I
SJSU MATH 030	Golden West College		MATH G180 Calculus 1
SJSU MATH 030	Grossmont College		MATH 180 Analytic Geometry and Calculus I
SJSU MATH 030	Hartnell College		MAT 3A Analytic Geometry and Calculus I
SJSU MATH 030	Imperial Valley College		MATH 192 Analytic Geometry and Calculus I

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The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 030	Irvine Valley College	MATH 3A Analytic Geometry and Calculus I OR MATH 3AH Analytic Geometry and Calculus I Honors
SJSU MATH 030	Lake Tahoe Community College	MAT 105 Calculus & Analytic Geometry (Part I)
SJSU MATH 030	Laney College	MATH 3A Calculus I
SJSU MATH 030	Las Positas College	MATH 1 Calculus I
SJSU MATH 030	Lassen College	MATH 1A Analytic Geometry and Calculus I
SJSU MATH 030	Lemoore College	MATH 001A Introduction to Calculus
SJSU MATH 030	Long Beach City College	MATH 60 First Calculus Course OR MATH 60H Honors First Calculus Course
SJSU MATH 030	Los Angeles City College	MATH 261 Calculus I OR MATH 261S Calculus I With Support
SJSU MATH 030	Los Angeles Harbor College	MATH 265 Calculus with Analytic Geometry I
SJSU MATH 030	Los Angeles Mission College	MATH 261 Calculus I OR MATH 247 Calculus for Life Sciences I
SJSU MATH 030	Los Angeles Pierce College	MATH 261 Calculus I
SJSU MATH 030	Los Angeles Southwest College	MATH 265 Calculus with Analytic Geometry I
SJSU MATH 030	Los Angeles Trade Technical College	MATH 261 Calculus I

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 030	Los Angeles Valley College	*	MATH 247 Calculus for Life Sciences I OR MATH 261 Calculus I AND MATH 262 Calculus II AND MATH 263 Calculus III
SJSU MATH 030	Los Medanos College		MATH 210 Calculus and Analytic Geometry I
SJSU MATH 030	Madera Community College		MATH 5A Math Analysis I
SJSU MATH 030	Mendocino College		MTH 210 Calculus and Analytic Geometry I
SJSU MATH 030	Merced College		MATH 4A Calculus I
SJSU MATH 030	Merritt College		MATH 3A Calculus I
SJSU MATH 030	Miracosta College		MATH 150 Calculus and Analytic Geometry I OR MATH 150H Calculus and Analytic Geometry (Honors)
SJSU MATH 030	Mission College		MAT 003A Analytical Geometry and Calculus I OR MAT 003AH Analytic Geometry and Calculus I - Honors
SJSU MATH 030	Modesto Junior College		MATH 171 Calculus: First Course
SJSU MATH 030	Monterey Peninsula College		MATH 20A Calculus with Analytic Geometry I
SJSU MATH 030	Moorpark College		MATH M25A Calculus with Analytic Geometry I OR MATH M25AH Honors: Calculus with Analytic Geometry I
SJSU MATH 030	Moreno Valley College		MAT 1A Calculus I
SJSU MATH 030	Mount San Antonio College		MATH 180 Calculus and Analytic Geometry I

Courses with an asterisk (*) have a special comment.

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 030	Mount San Jacinto College	MATH 211 Analytic Geometry and Calculus I
SJSU MATH 030	Napa Valley College	MATH 120 Calculus 1
SJSU MATH 030	Norco College	MAT 1A Calculus I
SJSU MATH 030	Ohlone College	MATH 101A Calculus with Analytic Geometry
SJSU MATH 030	Orange Coast College	MATH A180 Calculus 1 OR MATH A180H Honors Calculus 1
SJSU MATH 030	Oxnard College	MATH R120 Calculus with Analytical Geometry I
SJSU MATH 030	Palomar College	MATH 140 Calculus with Analytic Geometry, First Course
SJSU MATH 030	Pasadena City College	Math 005A Single Variable Calculus I OR MATH 005AH Honors Single Variable Calculus I
SJSU MATH 030	Porterville College	Math P103 Calculus I with Analytic Geometry
SJSU MATH 030	Reedley College	Math 5A Calculus I
SJSU MATH 030	Rio Hondo College	Math 190 Calculus I OR MATH 190H Calculus I Honors
SJSU MATH 030	Riverside City College	MAT 1A Calculus I
SJSU MATH 030	Sacramento City College	MATH 400 Calculus I
SJSU MATH 030	Saddleback College	Math 3A Analytic Geometry and Calculus OR MATH 3AH Honors Analytic Geometry and Calculus
SJSU MATH 030	San Bernardino Valley College	Math 250 Single Variable Calculus I
SJSU MATH 030	San Diego City College	Math 150 Calculus with Analytic Geometry I

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 030	San Diego Mesa College	Math 150 Calculus with Analytic Geometry I
SJSU MATH 030	San Diego Miramar College	Math 150 Calculus with Analytic Geometry I
SJSU MATH 030	San Diego State University	Math 150 Calculus I
SJSU MATH 030	San Francisco State University	Math 226 Calculus I
SJSU MATH 030	San Joaquin Delta College	Math 1 Calculus I
SJSU MATH 030	San Jose City College	Math 071 Calculus I with Analytic Geometry OR Math 071H Honors Calculus I with Analytic Geometry
SJSU MATH 030	Santa Ana College	Math 180 Single Variable Calculus I
SJSU MATH 030	Santa Barbara City College	Math 150 Calculus with Analytical Geometry I
SJSU MATH 030	Santa Monica College	Math 7 Calculus 1
SJSU MATH 030	Santa Rosa Junior College	Math 1A Calculus, First Course
SJSU MATH 030	Santiago Canyon College	Math 180 Single Variable Calculus I OR MATH 180H Honors Single Variable Calculus I OR MATH 180S Single Variable Calculus I with Integrated Support
SJSU MATH 030	Shasta College	Math 3A Calculus 3A
SJSU MATH 030	Sierra College	Math 30 Analytical Geometry and Calculus I
SJSU MATH 030	Skyline College	Math 251 Calculus with Analytical Geometry I
SJSU MATH 030	Solano Community College	Math 020 Analytic Geometry and Calculus I
SJSU MATH 030	Sonoma State University	Math 161 Differential & Integral Calc I
SJSU MATH 030	Southwestern College	Math 250 Analytic Geometry and Calculus I

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 030	Taft College	MATH 2100 Analytic Geometry and Calculus I
SJSU MATH 030	University of California, Davis	Mat 021A Calculus OR Mat 021AH Honors Calculus
SJSU MATH 030	University of California, Los Angeles	MATH 31A Differential and Integral Calculus
SJSU MATH 030	University of California, Merced	MATH 021 Calculus I for Physical Sciences & Engineering
SJSU MATH 030	University of California, Riverside	MATH 009A First-Year Calculus
SJSU MATH 030	University of California, San Diego	MATH 20A Calculus for Science and Engineering
SJSU MATH 030	Ventura College	MATH V21A Calculus with Analytic Geometry I
SJSU MATH 030	Victor Valley College	Math 226 Analytic Geometry and Calculus I OR MATH 226H Honors Analytic Geometry & Calculus I
SJSU MATH 030	West Los Angeles College	Math 261 Calculus I
SJSU MATH 030	West Valley College	Math 003A Calculus and Analytic Geometry
SJSU MATH 030	Woodland Community College	MATH 1A Single Variable Calculus I - Early Transcendentals
SJSU MATH 030	Yuba College	MATH 1A Single Variable Calculus I - Early Transcendentals
SJSU MATH 031	Allan Hancock Community College	MATH 182 Calculus 2
SJSU MATH 031	American River College	MATH 401 Calculus II
SJSU MATH 031	Antelope Valley College	MATH 160 Calculus and Analytic Geometry
SJSU MATH 031	Bakersfield College	MATH B6B Analytic Geometry and Calculus II
SJSU MATH 031	Barstow College	MATH 4B Calculus II
SJSU MATH 031	Berkeley City College	MATH 3B Calculus II
SJSU MATH 031	Butte College	MATH 31 Analytic Geometry and Calculus II

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 031	Cabrillo College	MATH 5B Analytical Geometry & Calculus II
SJSU MATH 031	California Polytechnic University, Humboldt	Math 110 Calculus II
SJSU MATH 031	Canada College	MATH 252 Analytical Geometry and Calculus II
SJSU MATH 031	Cerritos College	MATH 190 Analytical Geometry & Calculus II
SJSU MATH 031	Cerro Coso College	MATH C152 Analytic Geometry and Calculus II
SJSU MATH 031	Chabot College	MTH 2 Calculus II
SJSU MATH 031	Chaffey College	MATH 65B Calculus II
SJSU MATH 031	Citrus Community College	MATH 191 Calculus with Analytic Geometry II
SJSU MATH 031	City College of San Francisco	MATH 110B Calculus II
SJSU MATH 031	Clovis Community College	MATH 5B Math Analysis II
SJSU MATH 031	Coalinga College	MATH 001B Calculus with Applications
SJSU MATH 031	Coastline College	MATH C185 Calculus 2
SJSU MATH 031	College of Alameda	MATH 3B Calculus II
SJSU MATH 031	College of Marin	MATH 124 Analytic Geometry & Calculus II
SJSU MATH 031	College of San Mateo	MATH 252 Calculus with Analytic Geometry II
SJSU MATH 031	College of the Canyons	MATH 212 Calculus II
SJSU MATH 031	College of the Desert	MATH 1B Calculus II
SJSU MATH 031	College of the Redwoods	MATH 50B Integral Calculus
SJSU MATH 031	College of the Sequoias	MATH 066 Calculus 2
SJSU MATH 031	College of the Siskiyous	MATH 1500 Calculus & Analytic Geometry II
SJSU MATH 031	Columbia College	MATH 18B Calculus II
SJSU MATH 031	Compton College	MATH 191 Single Variable Calculus and Analytic Geometry II

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 031	Contra Costa College	MATH 191 Analytic Geometry and Calculus II
SJSU MATH 031	Copper Mountain College	MATH 001B Calculus
SJSU MATH 031	Cosumnes River College	MATH 401 Calculus II
SJSU MATH 031	Crafton Hills College	MATH 251 Single Variable Calculus II
SJSU MATH 031	CSU, Channel Islands	MATH 151 Calculus II
SJSU MATH 031	CSU, Chico	MATH 121 Analytical Geometry & Calculus
SJSU MATH 031	CSU, Dominguez Hills	Mat 193 Calculus II
SJSU MATH 031	CSU, East Bay	MATH 131 Calculus II
SJSU MATH 031	CSU, Fresno	Math 76 Calculus II
SJSU MATH 031	CSU, Fullerton	Math 150B Calculus
SJSU MATH 031	CSU, Long Beach	Math 123 Calculus II
SJSU MATH 031	CSU, Los Angeles	Math 2120 Calculus II
SJSU MATH 031	CSU, Monterey Bay	Math 151 Calculus II
SJSU MATH 031	CSU, Northridge	MATH 150B Calculus II
SJSU MATH 031	CSU, Sacramento	Math 31 Calculus II
SJSU MATH 031	CSU, San Bernardino	Math 2220 Calculus II
SJSU MATH 031	CSU, San Luis Obispo	* MATH 142 Calculus II AND MATH 143 Calculus III OR HNRS 142 Calculus II AND HNRS 143 Calculus III

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Math 129A for content credit only.

SJSU MATH 031	CSU, San Marcos	*	MATH 160 Calculus with Applications I AND MATH 162 Calculus with Applications II
SJSU MATH 031	CSU, Stanislaus		Math 1420 Calculus II
SJSU MATH 031	Cuesta College		MATH 265B Calculus II
SJSU MATH 031	Cuyamaca College		MATH 280 Analytic Geometry & Calculus II
SJSU MATH 031	Cypress College		MATH 150BC Calculus II
SJSU MATH 031	DeAnza College	*	MATH 1B Calculus II OR MATH 1BH Calculus II - HONORS AND MATH 1C Calculus III OR MATH 1CH Calculus III - HONORS
SJSU MATH 031	Diablo Valley College		MATH 193 Analytical Geometry & Calculus II
SJSU MATH 031	East Los Angeles College		MATH 262 Calculus II
SJSU MATH 031	El Camino College		MATH 191 Single Variable Calculus & Analytic Geometry II
SJSU MATH 031	Evergreen Valley College	*	MATH 072 Calculus II with Analytic Geometry OR MATH 066 Calculus I Late Transcendentals for STEM AND MATH 067 Calculus II Late Transcendentals for STEM
SJSU MATH 031	Feather River College		MATH 220 Single Variable Calculus II - Late Transcendentals
SJSU MATH 031	Folsom Lake College		MATH 401 Calculus II

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Math 129A for content credit only.

SJSU MATH 031	Foothill College	*	MATH 1B Calculus AND MATH 1C Calculus OR MATH 1BH Honors Calculus II AND MATH 1C Calculus
SJSU MATH 031	Fresno City College		MATH 5B Mathematical Analysis II
SJSU MATH 031	Fullerton College		MATH 152F Calculus II OR MATH 152HF Honors Calculus II
SJSU MATH 031	Gavilan College		MATH 1B Single-Variable Calculus and Analytic Geometry
SJSU MATH 031	Glendale Community College		MATH 104E Calculus and Analytic Geometry II OR MATH 104EH Honors Calculus and Analytic Geometry II
SJSU MATH 031	Golden West College		MATH G185 Calculus 2
SJSU MATH 031	Grossmont College		MATH 280 Analytic Geometry and Calculus II
SJSU MATH 031	Hartnell College		MAT 3B Analytic Geometry and Calculus II
SJSU MATH 031	Imperial Valley College		MATH 194 Analytic Geometry and Calculus II
SJSU MATH 031	Irvine Valley College		MATH 3B Analytic Geometry and Calculus II OR MATH 3BH Analytic Geometry and Calculus II Honors
SJSU MATH 031	Lake Tahoe Community College	*	MAT 106 Calculus & Analytic Geometry (Part II) AND MAT 107 Calculus & Analytic Geometry (Part III)
SJSU MATH 031	Laney College		MATH 3B Calculus II

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The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 031	Las Positas College	MATH 2 Calculus II
SJSU MATH 031	Lassen College	MATH 1B Analytic Geometry and Calculus II
SJSU MATH 031	Lemoore College	MATH 001B Calculus with Applications
SJSU MATH 031	Long Beach City College	MATH 70 Second Calculus Course OR MATH 70H Honors Second Calculus Course
SJSU MATH 031	Los Angeles City College	MATH 262 Calculus II
SJSU MATH 031	Los Angeles Harbor College	MATH 266 Calculus with Analytic Geometry II
SJSU MATH 031	Los Angeles Mission College	MATH 262 Calculus II
SJSU MATH 031	Los Angeles Pierce College	MATH 262 Calculus II
SJSU MATH 031	Los Angeles Southwest College	MATH 266 Calculus with Analytic Geometry II
SJSU MATH 031	Los Angeles Trade Technical College	MATH 262 Calculus II
SJSU MATH 031	Los Angeles Valley College	* MATH 261 Calculus I AND MATH 262 Calculus II AND MATH 263 Calculus III
SJSU MATH 031	Los Medanos College	MATH 220 Calculus and Analytic Geometry II
SJSU MATH 031	Madera Community College	MATH 5B Math Analysis II
SJSU MATH 031	Mendocino College	MTH 211 Calculus and Analytic Geometry II
SJSU MATH 031	Merced College	MATH 4B Calculus II
SJSU MATH 031	Merritt College	MATH 3B Calculus II
SJSU MATH 031	Miracosta College	MATH 155 Calculus and Analytic Geometry II

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The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 031	Mission College	MAT 003B Analytic Geometry and Calculus II
SJSU MATH 031	Modesto Junior College	MATH 172 Calculus: Second Course
SJSU MATH 031	Monterey Peninsula College	MATH 20B Calculus with Analytic Geometry II
SJSU MATH 031	Moorpark College	MATH M25B Calculus with Analytic Geometry II OR MATH M25BH Honors: Calculus with Analytic Geometry II
SJSU MATH 031	Moreno Valley College	MAT 1B Calculus II
SJSU MATH 031	Mount San Antonio College	MATH 181 Calculus and Analytic Geometry II
SJSU MATH 031	Mount San Jacinto College	MATH 212 Analytic Geometry and Calculus II OR MATH 212H Honors Analytic Geometry and Calculus II
SJSU MATH 031	Napa Valley College	MATH 121 Calculus II
SJSU MATH 031	Norco College	MAT 1B Calculus II
SJSU MATH 031	Ohlone College	MATH 101B Calculus with Analytic Geometry
SJSU MATH 031	Orange Coast College	MATH A185 Calculus 2 OR MATH A185H Honors Calculus 2
SJSU MATH 031	Oxnard College	MATH R121 Calculus with Analytical Geometry II
SJSU MATH 031	Palomar College	MATH 141 Calculus with Analytic Geometry, Second Course
SJSU MATH 031	Pasadena City College	Math 005B Single Variable Calculus II OR MATH 005BH Honors Single Variable Calculus II
SJSU MATH 031	Porterville College	MATH P104 Calculus II with Analytical Geometry
SJSU MATH 031	Reedley College	Math 5B Calculus II

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 031	Rio Hondo College	Math 191 Calculus II
SJSU MATH 031	Riverside City College	MAT 1B Calculus II
SJSU MATH 031	Sacramento City College	MATH 401 Calculus II
SJSU MATH 031	Saddleback College	Math 3B Analytic Geometry and Calculus
SJSU MATH 031	San Bernardino Valley College	Math 251 Single Variable Calculus II
SJSU MATH 031	San Diego City College	Math 151 Calculus with Analytic Geometry II
SJSU MATH 031	San Diego Mesa College	Math 151 Calculus with Analytic Geometry II
SJSU MATH 031	San Diego Miramar College	Math 151 Calculus with Analytic Geometry II
SJSU MATH 031	San Diego State University	Math 151 Calculus II
SJSU MATH 031	San Francisco State University	Math 227 Calculus II
SJSU MATH 031	San Joaquin Delta College	Math 2 Calculus II
SJSU MATH 031	San Jose City College	Math 072 Calculus II with Analytic Geometry
SJSU MATH 031	Santa Ana College	Math 185 Single Variable Calculus II
SJSU MATH 031	Santa Barbara City College	Math 160 Calculus with Analytical Geometry II
SJSU MATH 031	Santa Monica College	Math 8 Calculus 2
SJSU MATH 031	Santa Rosa Junior College	Math 1B Calculus, Second Course
SJSU MATH 031	Santiago Canyon College	Math 185 Single Variable Calculus II
SJSU MATH 031	Shasta College	Math 3B Calculus 3B
SJSU MATH 031	Sierra College	Math 31 Analytical Geometry and Calculus II
SJSU MATH 031	Skyline College	Math 252 Calculus with Analytical Geometry II
SJSU MATH 031	Solano Community College	Math 021 Analytic Geometry and Calculus II
SJSU MATH 031	Sonoma State University	Math 211 Differential & Integral Calc II

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 031	Southwestern College	Math 251 Analytic Geometry and Calculus II
SJSU MATH 031	Taft College	MATH 2120 Analytic Geometry and Calculus II
SJSU MATH 031	University of California, Davis	Mat 021B Calculus AND MAT 021C Calculus OR MAT 021BH Honors Calculus AND MAT 021CH Honors Calculus
SJSU MATH 031	University of California, Los Angeles	MATH 31B Integration and Infinite Series
SJSU MATH 031	University of California, Merced	MATH 022 Calculus II for Physical Sciences & Engineering
SJSU MATH 031	University of California, Riverside	MATH 009B First-Year Calculus AND MATH 009C First-Year Calculus
SJSU MATH 031	University of California, San Diego	MATH 20B Calculus for Science and Engineering
SJSU MATH 031	Ventura College	MATH V21B Calculus with Analytic Geometry II
SJSU MATH 031	Victor Valley College	Math 227 Analytic Geometry and Calculus II
SJSU MATH 031	West Los Angeles College	Math 262 Calculus II
SJSU MATH 031	West Valley College	Math 003B Calculus and Analytic Geometry
SJSU MATH 031	Woodland Community College	MATH 1B Single Variable Calculus II - Early Transcendentals
SJSU MATH 031	Yuba College	MATH 1B Single Variable Calculus II - Early Transcendentals
SJSU MATH 032	Allan Hancock Community College	MATH 183 Multivariable Calculus
SJSU MATH 032	American River College	MATH 402 Calculus III
SJSU MATH 032	Antelope Valley College	MATH 250 Calculus and Analytic Geometry

Computer Science Core and Science Electives

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 032	Bakersfield College	MATH B6C Calculus III
SJSU MATH 032	Barstow College	MATH 4C Calculus III
SJSU MATH 032	Berkeley City College	MATH 3C Calculus III
SJSU MATH 032	Butte College	MATH 32 Analytic Geometry and Calculus III
SJSU MATH 032	Cabrillo College	MATH 5C Analytical Geometry & Calculus III
SJSU MATH 032	California Polytechnic University, Humboldt	Math 210 Calculus III
SJSU MATH 032	Canada College	MATH 253 Analytical Geometry and Calculus III
SJSU MATH 032	Cerritos College	MATH 225 Calculus III
SJSU MATH 032	Cerro Coso College	MATH C251 Analytic Geometry and Calculus III
SJSU MATH 032	Chabot College	MTH 3 Multivariable Calculus
SJSU MATH 032	Chaffey College	MATH 75 Calculus III
SJSU MATH 032	Citrus Community College	MATH 210 Calculus with Analytic Geometry III
SJSU MATH 032	City College of San Francisco	MATH 110C Calculus III
SJSU MATH 032	Clovis Community College	MATH 6 Math Analysis III
SJSU MATH 032	Coalinga College	MATH 002A Multivariate Calculus
SJSU MATH 032	Coastline College	MATH C280 Calculus 3
SJSU MATH 032	College of Alameda	MATH 3C Calculus III
SJSU MATH 032	College of Marin	MATH 223 Analytic Geometry & Calculus III
SJSU MATH 032	College of San Mateo	MATH 253 Calculus with Analytic Geometry III
SJSU MATH 032	College of the Canyons	MATH 213 Calculus III
SJSU MATH 032	College of the Desert	MATH 2A Multivariate Calculus
SJSU MATH 032	College of the Redwoods	MATH 50C Multivariable Calculus

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 032	College of the Sequoias	MATH 067 Calculus 3
SJSU MATH 032	College of the Siskiyous	MATH 2400 Calculus & Analytic Geometry III
SJSU MATH 032	Columbia College	MATH 18C Calculus III
SJSU MATH 032	Compton College	MATH 220 Multi-Variable Calculus
SJSU MATH 032	Contra Costa College	MATH 290 Analytic Geometry and Calculus III
SJSU MATH 032	Copper Mountain College	MATH 002A Multivariate Calculus
SJSU MATH 032	Cosumnes River College	MATH 402 Calculus III
SJSU MATH 032	Crafton Hills College	MATH 252 Multivariable Calculus
SJSU MATH 032	CSU, Bakersfield	MATH 2530 Calculus
SJSU MATH 032	CSU, Channel Islands	MATH 250 Calculus III
SJSU MATH 032	CSU, Chico	MATH 220 Analytical Geometry & Calculus
SJSU MATH 032	CSU, East Bay	MATH 230 Calculus III
SJSU MATH 032	CSU, Fresno	Math 77 Calculus III
SJSU MATH 032	CSU, Fullerton	Math 250A Multivariate Calculus
SJSU MATH 032	CSU, Long Beach	Math 224 Calculus III
SJSU MATH 032	CSU, Los Angeles	Math 2130 Calculus III
SJSU MATH 032	CSU, Monterey Bay	Math 250 Multivariate Calculus
SJSU MATH 032	CSU, Northridge	MATH 250 Calculus III
SJSU MATH 032	CSU, Sacramento	Math 32 Calculus III
SJSU MATH 032	CSU, San Bernardino	Math 2320 Multivariable Calculus

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 032	CSU, San Luis Obispo	*	MATH 143 Calculus III AND MATH 241 Calculus IV OR HNRS 143 Calculus III AND HNRS 241 Calculus IV
SJSU MATH 032	CSU, San Marcos		MATH 260 Calculus with Applications III
SJSU MATH 032	CSU, Stanislaus		Math 2410 Multivariate Calculus
SJSU MATH 032	Cuesta College		MATH 283 Calculus III: Multivariable Calculus
SJSU MATH 032	Cuyamaca College		MATH 281 Multivariable Calculus
SJSU MATH 032	Cypress College		MATH 250AC Multivariable Calculus
SJSU MATH 032	DeAnza College	*	MATH 1C Calculus III OR MATH 1CH Calculus III - HONORS AND MATH 1D Calculus IV OR MATH 1DH Calculus IV - HONORS
SJSU MATH 032	Diablo Valley College		MATH 292 Analytical Geometry & Calculus III
SJSU MATH 032	East Los Angeles College		MATH 263 Calculus III
SJSU MATH 032	El Camino College		MATH 220 Multi-Variable Calculus
SJSU MATH 032	Evergreen Valley College		MATH 073 Multivariable Calculus
SJSU MATH 032	Folsom Lake College		MATH 402 Calculus III

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The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 032	Foothill College	*	MATH 1C Calculus AND MATH 1D Calculus
SJSU MATH 032	Fresno City College		MATH 6 Mathematical Analysis III
SJSU MATH 032	Fullerton College		MATH 251F Multivariable Calculus
SJSU MATH 032	Gavilan College		MATH 1C Multivariable Calculus
SJSU MATH 032	Glendale Community College		MATH 105 Multivariable and Vector Calculus OR MATH 105H Honors Multivariable and Vector Calculus
SJSU MATH 032	Golden West College		MATH G280 Calculus 3
SJSU MATH 032	Grossmont College		MATH 281 Multivariable Calculus
SJSU MATH 032	Hartnell College		MAT 3C Analytic Geometry and Calculus III
SJSU MATH 032	Imperial Valley College		MATH 210 Multivariable Calculus
SJSU MATH 032	Irvine Valley College		MATH 4A Analytic Geometry and Calculus III
SJSU MATH 032	Lake Tahoe Community College		MAT 202 Calculus & Analytic Geometry (Part IV)
SJSU MATH 032	Laney College		MATH 3C Calculus III
SJSU MATH 032	Las Positas College		MATH 3 Multivariable Calculus
SJSU MATH 032	Lemoore College		MATH 002A Multivariate Calculus
SJSU MATH 032	Long Beach City College		MATH 80 Third Calculus Course
SJSU MATH 032	Los Angeles City College		MATH 263 Calculus III
SJSU MATH 032	Los Angeles Harbor College		MATH 267 Calculus with Analytic Geometry III
SJSU MATH 032	Los Angeles Mission College		MATH 263 Calculus III
SJSU MATH 032	Los Angeles Pierce College		MATH 263 Calculus III

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The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 032	Los Angeles Southwest College	MATH 267 Calculus with Analytic Geometry III
SJSU MATH 032	Los Angeles Trade Technical College	MATH 263 Calculus III
SJSU MATH 032	Los Angeles Valley College	MATH 263 Calculus III
SJSU MATH 032	Los Medanos College	MATH 230 Calculus and Analytic Geometry III
SJSU MATH 032	Madera Community College	MATH 6 Math Analysis III
SJSU MATH 032	Mendocino College	MTH 212 Calculus and Analytic Geometry III
SJSU MATH 032	Merced College	MATH 4C Multivariable Calculus
SJSU MATH 032	Merritt College	MATH 3C Calculus III
SJSU MATH 032	Miracosta College	MATH 260 Calculus and Analytic Geometry III
SJSU MATH 032	Mission College	MAT 004A Multivariable Calculus
SJSU MATH 032	Modesto Junior College	MATH 173 Calculus: Third Course
SJSU MATH 032	Monterey Peninsula College	MATH 20C Calculus of Several Variables
SJSU MATH 032	Moorpark College	MATH M25C Calculus with Analytic Geometry III
SJSU MATH 032	Moreno Valley College	MAT 1C Calculus III
SJSU MATH 032	Mount San Antonio College	MATH 280 Calculus and Analytic Geometry III
SJSU MATH 032	Mount San Jacinto College	MATH 213 Discrete Structures OR MATH 213H Honors Analytic Geometry and Calculus III
SJSU MATH 032	Napa Valley College	MATH 221 Multivariable Calculus
SJSU MATH 032	Norco College	MAT 1C Calculus III
SJSU MATH 032	Ohlone College	MATH 101C Calculus with Analytic Geometry

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 032	Orange Coast College	MATH A280 Calculus 3 OR MATH A280H Honors Calculus 3
SJSU MATH 032	Oxnard College	MATH R122 Calculus with Analytical Geometry III
SJSU MATH 032	Palomar College	MATH 205 Calculus with Analytic Geometry, Third Course
SJSU MATH 032	Pasadena City College	Math 005C Multivariable Calculus OR MATH 005CH Honors Multivariable Calculus
SJSU MATH 032	Porterville College	MATH P205 Calculus III with Analytic Geometry
SJSU MATH 032	Reedley College	Math 6 Calculus III
SJSU MATH 032	Rio Hondo College	Math 250 Calculus III
SJSU MATH 032	Riverside City College	MAT 1C Calculus III
SJSU MATH 032	Sacramento City College	MATH 402 Calculus III
SJSU MATH 032	Saddleback College	Math 3C Analytic Geometry and Calculus
SJSU MATH 032	San Bernardino Valley College	Math 252 Multivariable Calculus
SJSU MATH 032	San Diego City College	Math 252 Calculus with Analytic Geometry III
SJSU MATH 032	San Diego Mesa College	Math 252 Calculus with Analytic Geometry III
SJSU MATH 032	San Diego Miramar College	Math 252 Calculus with Analytic Geometry III
SJSU MATH 032	San Diego State University	Math 252 Calculus III
SJSU MATH 032	San Francisco State University	Math 228 Calculus III
SJSU MATH 032	San Joaquin Delta College	Math 3 Vector Calculus
SJSU MATH 032	San Jose City College	Math 073 Multivariable Calculus
SJSU MATH 032	Santa Ana College	Math 280 Intermediate Calculus

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 032	Santa Barbara City College	MATH 200 Multivariable Calculus
SJSU MATH 032	Santa Monica College	Math 11 Multivariable Calculus
SJSU MATH 032	Santa Rosa Junior College	MATH 1C Calculus, Third Course
SJSU MATH 032	Santiago Canyon College	Math 280 Intermediate Calculus
SJSU MATH 032	Shasta College	Math 4A Calculus 4A
SJSU MATH 032	Sierra College	Math 32 Analytical Geometry and Calculus III
SJSU MATH 032	Skyline College	Math 253 Calculus with Analytical Geometry III
SJSU MATH 032	Solano Community College	Math 022 Analytic Geometry and Calculus III
SJSU MATH 032	Sonoma State University	Math 261 Multivariable Calculus
SJSU MATH 032	Southwestern College	Math 252 Analytic Geometry and Calculus III
SJSU MATH 032	Taft College	MATH 2130 Analytic Geometry and Calculus III
SJSU MATH 032	University of California, Davis	MAT 021C Calculus AND MAT 021D Vector Analysis
SJSU MATH 032	University of California, Los Angeles	MATH 32A Calculus of Several Variables AND MATH 32B Calculus of Several Variables
SJSU MATH 032	University of California, Merced	MATH 023 Vector Calculus
SJSU MATH 032	University of California, Riverside	MATH 010A Calculus of Several Variables AND MATH 010B Calculus of Several Variables
SJSU MATH 032	University of California, San Diego	MATH 20C Calculus and Analytic Geometry for Science and Engineering

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 032	University of California, Santa Cruz	MATH 22 Introduction to Calculus of Several Variables OR MATH 23A Vector Calculus AND MATH 23B Vector Calculus
SJSU MATH 032	Ventura College	MATH V21C Multivariate Calculus
SJSU MATH 032	Victor Valley College	Math 228 Analytic Geometry and Calculus III OR MATH 228H Honors Analytic Geometry & Calculus III
SJSU MATH 032	West Los Angeles College	Math 263 Calculus III
SJSU MATH 032	West Valley College	Math 004A Intermediate Calculus
SJSU MATH 032	Woodland Community College	MATH 1C Multivariable Calculus
SJSU MATH 032	Yuba College	MATH 1C Multivariable Calculus
SJSU MATH 039	Allan Hancock Community College	MATH 184 Linear Algebra and Differential Equations
SJSU MATH 039	American River College	MATH 410 Introduction to Linear Algebra
SJSU MATH 039	Antelope Valley College	MATH 220 Linear Algebra
SJSU MATH 039	Bakersfield College	MATH B6E Elementary Linear Algebra
SJSU MATH 039	Berkeley City College	MATH 3E Linear Algebra
SJSU MATH 039	Butte College	MATH 42 Linear Algebra
SJSU MATH 039	Cabrillo College	MATH 6 Introduction to Linear Algebra
SJSU MATH 039	California Polytechnic University, Humboldt	MATH 241 Elements of Linear Algebra
SJSU MATH 039	Canada College	MATH 270 Linear Algebra
SJSU MATH 039	Cerritos College	MATH 250 Linear Algebra and Differential Equations

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 039	Cerro Coso College	MATH C257 Linear Algebra
SJSU MATH 039	Chabot College	MTH 6 Elementary Linear Algebra
SJSU MATH 039	Chaffey College	MATH 81 Linear Algebra
SJSU MATH 039	City College of San Francisco	MATH 120 Linear Algebra OR MATH 130 Linear Algebra and Differential Equations
SJSU MATH 039	Clovis Community College	MATH 17 Differential Equations and Linear Algebra
SJSU MATH 039	College of Alameda	MATH 3E Linear Algebra
SJSU MATH 039	College of Marin	MATH 116 Linear Algebra
SJSU MATH 039	College of San Mateo	MATH 270 Linear Algebra
SJSU MATH 039	College of the Canyons	MATH 214 Linear Algebra
SJSU MATH 039	College of the Desert	MATH 2B Linear Algebra
SJSU MATH 039	College of the Redwoods	MATH 45 Linear Algebra
SJSU MATH 039	College of the Sequoias	MATH 080 Linear Algebra
SJSU MATH 039	College of the Siskiyous	MATH 2600 Introduction to Linear Algebra
SJSU MATH 039	Columbia College	MATH 26 Linear Algebra
SJSU MATH 039	Compton College	MATH 270 Differential Equations with Linear Algebra
SJSU MATH 039	Contra Costa College	MATH 200 Introduction to Linear Algebra
SJSU MATH 039	Copper Mountain College	MATH 002B Linear Algebra
SJSU MATH 039	Cosumnes River College	MATH 410 Introduction to Linear Algebra
SJSU MATH 039	Crafton Hills College	MATH 265 Linear Algebra
SJSU MATH 039	CSU, Northridge	MATH 262 Introduction to Linear Algebra

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 039	Cuesta College	MATH 287 Ordinary Differential Equations and Linear Algebra
SJSU MATH 039	Cuyamaca College	MATH 284 Linear Algebra
SJSU MATH 039	DeAnza College	MATH 2B Linear Algebra OR MATH 2BH Linear Algebra - Honors
SJSU MATH 039	Diablo Valley College	MATH 194 Linear Algebra
SJSU MATH 039	East Los Angeles College	MATH 270 Linear Algebra
SJSU MATH 039	Evergreen Valley College	MATH 079 Linear Algebra
SJSU MATH 039	Folsom Lake College	MATH 410 Introduction to Linear Algebra
SJSU MATH 039	Foothill College	MATH 2B Linear Algebra
SJSU MATH 039	Fresno City College	MATH 26 Elementary Linear Algebra
SJSU MATH 039	Fullerton College	* MATH 252F Linear Algebra and Differential Equations AND MATH 253F Additional Topics in Linear Algebra OR MATH 255F Linear Algebra
SJSU MATH 039	Gavilan College	MATH 2 Linear Algebra
SJSU MATH 039	Golden West College	MATH G285 Introduction to Linear Algebra and Differential Equations
SJSU MATH 039	Grossmont College	MATH 284 Linear Algebra
SJSU MATH 039	Hartnell College	MAT 4 Linear Algebra
SJSU MATH 039	Imperial Valley College	* MATH 230 Introduction to Linear Algebra with Applications
SJSU MATH 039	Irvine Valley College	MATH 26 Introduction to Linear Algebra
SJSU MATH 039	Lake Tahoe Community College	MAT 203 Linear Algebra

Courses with an asterisk (*) have a special comment.

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 039	Laney College	MATH 3E Linear Algebra
SJSU MATH 039	Las Positas College	MATH 7 Elementary Linear Algebra
SJSU MATH 039	Lemoore College	MATH 003A Linear Algebra I
SJSU MATH 039	Los Angeles City College	MATH 270 Linear Algebra
SJSU MATH 039	Los Angeles Harbor College	MATH 270 Linear Algebra
SJSU MATH 039	Los Angeles Mission College	MATH 270 Linear Algebra
SJSU MATH 039	Los Angeles Pierce College	MATH 270 Linear Algebra
SJSU MATH 039	Los Angeles Southwest College	MATH 270 Linear Algebra
SJSU MATH 039	Los Angeles Trade Technical College	MATH 270 Linear Algebra
SJSU MATH 039	Los Angeles Valley College	MATH 270 Linear Algebra
SJSU MATH 039	Los Medanos College	MATH 250 Linear Algebra
SJSU MATH 039	Madera Community College	MATH 17 Differential Equations and Linear Algebra
SJSU MATH 039	Mendocino College	MTH 214 Linear Algebra
SJSU MATH 039	Merced College	MATH 8 Linear Algebra
SJSU MATH 039	Merritt College	MATH 3E Linear Algebra
SJSU MATH 039	Miracosta College	MATH 270 Linear Algebra
SJSU MATH 039	Mission College	MAT 004C Linear Algebra
SJSU MATH 039	Modesto Junior College	MATH 191 Linear Algebra
SJSU MATH 039	Monterey Peninsula College	MATH 31 Linear Algebra
SJSU MATH 039	Moorpark College	MATH M31 Introduction to Linear Algebra
SJSU MATH 039	Moreno Valley College	MAT 3 Linear Algebra
SJSU MATH 039	Mount San Antonio College	MATH 285 Linear Algebra and Differential Equations

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 039	Mount San Jacinto College	MATH 218 Linear Algebra
SJSU MATH 039	Napa Valley College	MATH 220 Linear Algebra
SJSU MATH 039	Norco College	MAT 3 Linear Algebra
SJSU MATH 039	Ohlone College	MATH 103 Introduction to Linear Algebra
SJSU MATH 039	Orange Coast College	MATH A235 Applied Linear Algebra
SJSU MATH 039	Oxnard College	MATH R134 Linear Algebra
SJSU MATH 039	Palomar College	MATH 200 Introduction to Linear Algebra
SJSU MATH 039	Pasadena City College	MATH 010 Linear Algebra and Applications
SJSU MATH 039	Porterville College	MATH P208 Introduction to Linear Algebra
SJSU MATH 039	Reedley College	MATH 17 Differential Equations and Linear Algebra
SJSU MATH 039	Rio Hondo College	MATH 260 Linear Algebra
SJSU MATH 039	Riverside City College	MAT 3 Linear Algebra
SJSU MATH 039	Sacramento City College	MATH 410 Introduction to Linear Algebra
SJSU MATH 039	Saddleback College	MATH 26 Introduction to Linear Algebra
SJSU MATH 039	San Bernardino Valley College	Math 265 Linear Algebra
SJSU MATH 039	San Diego City College	MATH 254 Introduction to Linear Algebra
SJSU MATH 039	San Diego Mesa College	MATH 254 Introduction to Linear Algebra
SJSU MATH 039	San Diego Miramar College	MATH 254 Introduction to Linear Algebra
SJSU MATH 039	San Francisco State University	MATH 325 Linear Algebra
SJSU MATH 039	San Joaquin Delta College	MATH 5 Linear Algebra
SJSU MATH 039	San Jose City College	Math 079 Linear Algebra

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 039	Santa Ana College	MATH 287 Introduction to Linear Algebra and Differential Equations
SJSU MATH 039	Santa Barbara City College	MATH 210 Linear Algebra
SJSU MATH 039	Santa Monica College	Math 13 Linear Algebra
SJSU MATH 039	Santa Rosa Junior College	Math 5 Introduction to Linear Algebra
SJSU MATH 039	Santiago Canyon College	Math 290 Linear Algebra OR MATH 287 Introduction to Linear Algebra and Differential Equations
SJSU MATH 039	Shasta College	MATH 6 Linear Algebra
SJSU MATH 039	Sierra College	MATH 33 Differential Equations and Linear Algebra
SJSU MATH 039	Skyline College	MATH 270 Linear Algebra
SJSU MATH 039	Solano Community College	MATH 040 Introduction to Linear Algebra
SJSU MATH 039	Sonoma State University	Math 222 Elementary Applied Linear Algebra
SJSU MATH 039	Southwestern College	Math 254 Introduction to Linear Algebra
SJSU MATH 039	University of California, Davis	MAT 022A Linear Algebra
SJSU MATH 039	University of California, Los Angeles	MATH 33A Linear Algebra and Applications
SJSU MATH 039	University of California, San Diego	MATH 18 Linear Algebra
SJSU MATH 039	Ventura College	MATH V22 Introduction to Linear Algebra
SJSU MATH 039	Victor Valley College	MATH 231 Linear Algebra
SJSU MATH 039	West Los Angeles College	MATH 270 Linear Algebra
SJSU MATH 039	West Valley College	Math 004C Linear Algebra
SJSU MATH 039	Woodland Community College	MATH 3 Linear Algebra

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 039	Yuba College	MATH 3 Linear Algebra
SJSU MATH 042	Allan Hancock Community College	CS 161 Discrete Structures
SJSU MATH 042	American River College	CISP 440 Discrete Structures for Computer Science
SJSU MATH 042	Antelope Valley College	CS 150 Discrete Structures
SJSU MATH 042	Bakersfield College	COMP B14 Discrete Structures
SJSU MATH 042	Berkeley City College	MATH 11 Discrete Mathematics
SJSU MATH 042	Butte College	CSCI 22 Discrete Structures
SJSU MATH 042	Cabrillo College	MATH 23 Discrete Mathematics OR CS 23 Discrete Mathematics
SJSU MATH 042	Canada College	CIS 262 Discrete Mathematics for Computer Science
SJSU MATH 042	Cerritos College	CIS 185 Discrete Structures
SJSU MATH 042	Chabot College	MTH 8 Discrete Mathematics OR CSCI 28 Discrete Mathematics
SJSU MATH 042	Chaffey College	COMPSCI 4 Discrete Structures
SJSU MATH 042	Citrus Community College	CS 252 Discrete Structures
SJSU MATH 042	City College of San Francisco	MATH 115 Discrete Mathematics
SJSU MATH 042	Clovis Community College	CSCI 26 Discrete Mathematics for Computer Science
SJSU MATH 042	College of Alameda	MATH 11 Discrete Mathematics
SJSU MATH 042	College of Marin	COMP 117 Discrete Mathematics OR MATH 117 Discrete Mathematics

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 042	College of San Mateo	CIS 262 Discrete Mathematics for Computer Science OR MATH 268 Discrete Mathematics
SJSU MATH 042	College of the Canyons	CMPSCI 256 Discrete Structures
SJSU MATH 042	College of the Desert	MATH 15 Discrete Mathematics for Computers
SJSU MATH 042	College of the Sequoias	CSCI 006 Discrete Structures
SJSU MATH 042	College of the Siskiyous	CSCI 2010 Discrete Structures
SJSU MATH 042	Compton College	MATH 210 Introduction to Discrete Structures
SJSU MATH 042	Contra Costa College	MATH 185 Discrete Mathematics
SJSU MATH 042	Copper Mountain College	MATH 004 Discrete Structures
SJSU MATH 042	Cosumnes River College	CISP 440 Discrete Structures for Computer Science
SJSU MATH 042	Crafton Hills College	CSCI 200 Discrete Structures OR MATH 200 Discrete Structures
SJSU MATH 042	CSU, East Bay	MATH 211 Discrete Structures OR CS 211 Discrete Mathematics
SJSU MATH 042	CSU, San Bernardino	Math 2720 Discrete Mathematics
SJSU MATH 042	Cuesta College	CIS 241 Discrete Structures
SJSU MATH 042	Cuyamaca College	CS 240 Discrete Structures OR MATH 245 Discrete Mathematics
SJSU MATH 042	Cypress College	CSCI 252C Discrete Structures

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 042	DeAnza College	MATH 22 Discrete Mathematics OR MATH 22H Discrete Mathematics - HONORS
SJSU MATH 042	Diablo Valley College	MATH 195 Discrete Mathematics OR COMSC 230 Discrete Mathematical Structures for Computer Science
SJSU MATH 042	East Los Angeles College	CS 131 Discrete Structures for Computer Science
SJSU MATH 042	El Camino College	MATH 210 Introduction to Discrete Structures
SJSU MATH 042	Evergreen Valley College	COMSC 080 Discrete Structures OR MATH 070 Discrete Mathematics
SJSU MATH 042	Folsom Lake College	CISP 440 Discrete Structures for Computer Science
SJSU MATH 042	Foothill College	MATH 22 Discrete Mathematics OR CS 18 Discrete Mathematics
SJSU MATH 042	Fresno City College	CSCI 26 Discrete Mathematics for Computer Science
SJSU MATH 042	Fullerton College	MATH 171F Discrete Mathematics OR MATH 170F Discrete Structures
SJSU MATH 042	Gavilan College	CSIS 26 Discrete Structures OR MATH 16 Discrete Mathematics
SJSU MATH 042	Glendale Community College	CSIS 125 Discrete Structures for Computing
SJSU MATH 042	Golden West College	CS G262 Discrete Structures

Computer Science Core and Science Electives

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 042	Grossmont College	MATH 245 Discrete Math OR CSIS 240 Discrete Structures
SJSU MATH 042	Hartnell College	CSS 7 Discrete Structures OR MAT 7 Discrete Mathematics
SJSU MATH 042	Imperial Valley College	MATH 240 Discrete Mathematics
SJSU MATH 042	Irvine Valley College	MATH 6A Computer Discrete Mathematics I OR CS 6A Computer Discrete Mathematics I OR MATH 31 Computer Discrete Mathematics II OR CS 6B Computer Discrete Mathematics II
SJSU MATH 042	Laney College	MATH 11 Discrete Mathematics
SJSU MATH 042	Las Positas College	MATH 10 Discrete Mathematical Structures OR CS 17 Discrete Mathematical Structures
SJSU MATH 042	Long Beach City College	CS 61 Discrete Structures
SJSU MATH 042	Los Angeles Harbor College	CS 131 Discrete Structure for Computer Science
SJSU MATH 042	Los Angeles Mission College	MATH 272 Methods of Discrete Mathematics
SJSU MATH 042	Los Angeles Pierce College	CS 131 Discrete Structures for Computer Science
SJSU MATH 042	Los Angeles Southwest College	CS 131 Discrete Structures for Computer Science
SJSU MATH 042	Los Medanos College	MATH 160 Discrete Math
SJSU MATH 042	Madera Community College	CSCI 26 Discrete Mathematics for Computer Science

Computer Science Core and Science Electives

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 042	Mendocino College	CSC 240 Discrete Structures
SJSU MATH 042	Merced College	CPSC 7 Discrete Structures OR MATH 7 Discrete Structures
SJSU MATH 042	Merritt College	CIS 11 Discrete Structures and Logic
SJSU MATH 042	Miracosta College	CS 226 Discrete Structures OR MATH 226 Discrete Mathematics
SJSU MATH 042	Mission College	MAT 020 Discrete Structures
SJSU MATH 042	Modesto Junior College	CSCI 204 Discrete Structures for Computer Science
SJSU MATH 042	Monterey Peninsula College	MATH 40 Discrete Mathematics OR CSIS 12 Discrete Structures
SJSU MATH 042	Moorpark College	MATH M21 Discrete Mathematics OR CS M155 Discrete Structures
SJSU MATH 042	Moreno Valley College	CIS 7 Discrete Structures
SJSU MATH 042	Mount San Antonio College	CSCI 190 Discrete Mathematics Applied to Computer Science
SJSU MATH 042	Mount San Jacinto College	CSIS 213 Discrete Structures
SJSU MATH 042	Napa Valley College	COMS 218 Discrete Structures
SJSU MATH 042	Norco College	CSC 7 Discrete Structures OR CIS 7 Discrete Structures
SJSU MATH 042	Ohlone College	CS 113 Discrete Structures

Computer Science Core and Science Electives

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 042	Orange Coast College	CS A262 Discrete Structures
SJSU MATH 042	Palomar College	MATH 245 Discrete Mathematics
SJSU MATH 042	Pasadena City College	MATH 022 Discrete Mathematics
SJSU MATH 042	Reedley College	CSCI 26 Discrete Mathematics for Computer Science
SJSU MATH 042	Riverside City College	CIS 7 Discrete Structures OR CSC 7 Discrete Structures
SJSU MATH 042	Sacramento City College	CISP 440 Discrete Structures for Computer Science
SJSU MATH 042	Saddleback College	MATH 30A Computer Discrete Mathematics I OR CS 30A Computer Discrete Mathematics I
SJSU MATH 042	San Bernardino Valley College	CS 130 Discrete Structures
SJSU MATH 042	San Diego City College	Math 245 Discrete Mathematics
SJSU MATH 042	San Diego Mesa College	Math 245 Discrete Mathematics
SJSU MATH 042	San Diego Miramar College	Math 245 Discrete Mathematics OR CISC 246 Discrete Mathematics for Computer Science
SJSU MATH 042	San Francisco State University	CSC 230 Discrete Mathematical Structures for Computer Science
SJSU MATH 042	San Joaquin Delta College	CS 55 Discrete Structures for Computer Science
SJSU MATH 042	San Jose City College	Math 070 Discrete Mathematics OR MATH 080 Discrete Structures for Computer Science
SJSU MATH 042	Santa Ana College	CMPR 140 Discrete Structures for Computer Science
SJSU MATH 042	Santa Barbara City College	CS 108 Discrete Structures

Computer Science Core and Science Electives

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU MATH 042	Santa Monica College	MATH 10 Discrete Structures
SJSU MATH 042	Santa Rosa Junior College	Math 4 Discrete Mathematics
SJSU MATH 042	Shasta College	CIS 67 Discrete Structures
SJSU MATH 042	Sierra College	Math 15 Discrete Mathematics OR CSCI 26 Discrete Structures for Computer Science
SJSU MATH 042	Skyline College	CIS 262 Discrete Mathematics for Computer Science
SJSU MATH 042	Solano Community College	CIS 021 Discrete Structures for Computer Science
SJSU MATH 042	Sonoma State University	CS 242 Discrete Structures for Computer Science
SJSU MATH 042	Southwestern College	Math 260 Discrete Mathematics OR MATH 265 Discrete Structures
SJSU MATH 042	University of California, Merced	CSE 015 Discrete Mathematics
SJSU MATH 042	University of California, San Diego	CSE 20 Discrete Mathematics OR MATH 15A Discrete Mathematics
SJSU MATH 042	Ventura College	MATH V52 Discrete Structures OR CS V17 Discrete Structures
SJSU MATH 042	West Los Angeles College	CS 131 Discrete Structures for Computer Science
SJSU MATH 042	West Valley College	Math 019 Discrete Mathematics
SJSU MATH 042	Yuba College	COMSC 15 Discrete Structures for Computer Science
SJSU PHYS 050	Allan Hancock Community College	PHYS 161 Engineering Physics 1
SJSU PHYS 050	American River College	PHYS 410 Mechanics of Solids and Fluids

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU PHYS 050	Antelope Valley College	PHYS 110 General Physics
SJSU PHYS 050	Bakersfield College	PHYS B4A Mechanics and Wave Motion
SJSU PHYS 050	Barstow College	PHYS 2A General Physics I: Mechanics of Solids and Fluids
SJSU PHYS 050	Berkeley City College	PHYS 4A General Physics with Calculus
SJSU PHYS 050	Butte College	PHYS 41 Physics for Scientists and Engineers I
SJSU PHYS 050	Cabrillo College	PHYS 4A Physics for Scientists & Engineers I
SJSU PHYS 050	California Polytechnic University, Humboldt	Phyx 109 General Physics I: Mechanics
SJSU PHYS 050	Canada College	PHYS 250 Physics with Calculus I
SJSU PHYS 050	Cerritos College	PHYS 201 Engineering Physics
SJSU PHYS 050	Cerro Coso College	PHYS C111 Mechanics
SJSU PHYS 050	Chabot College	PHYS 4A General Physics I
SJSU PHYS 050	Chaffey College	PHYS 45 Physics for Scientists and Engineers I
SJSU PHYS 050	Citrus Community College	PHYS 201 Physics A: Mechanics
SJSU PHYS 050	City College of San Francisco	* PHYC 4A Classical Mechanics for Scientists and Engineers AND PHYC 4AL Mechanics Lab for Scientists and Engineers
SJSU PHYS 050	Clovis Community College	PHYS 4A Physics for Scientists and Engineers I
SJSU PHYS 050	Coalinga College	PHYSICS 004A Classical Mechanics
SJSU PHYS 050	Coastline College	PHYS C185 Calculus Based Physics: Mechanics
SJSU PHYS 050	College of Alameda	PHYS 4A General Physics with Calculus
SJSU PHYS 050	College of Marin	PHYS 207A Mechanics and Properties of Matter
SJSU PHYS 050	College of San Mateo	PHYS 250 Physics with Calculus I

Courses with an asterisk (*) have a special comment.

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU PHYS 050	College of the Canyons	PHYSIC 220 Physics for Scientists & Engineers: Mechanics of Solids & Fluids
SJSU PHYS 050	College of the Desert	PH 3A Engineering Physics
SJSU PHYS 050	College of the Redwoods	PHYS 4A Calculus-Based Physics: Mechanics
SJSU PHYS 050	College of the Sequoias	PHYS 055 Physics 1: Mechanics & Waves
SJSU PHYS 050	College of the Siskiyous	PHYS 2105 Calculus-Based Physics for Scientists and Engineers: A
SJSU PHYS 050	Columbia College	PHYCS 5A Physics I: Calculus Level
SJSU PHYS 050	Compton College	PHYS 101 Physics for Engineers and Scientists I OR PHYS 150 Mechanics of Solids
SJSU PHYS 050	Contra Costa College	PHYS 130 General Physics I
SJSU PHYS 050	Copper Mountain College	PH 004A Physics for Scientists and Engineers
SJSU PHYS 050	Cosumnes River College	PHYS 370 Introductory Physics- Mechanics and Thermodynamics OR PHYS 411 Mechanics of Solids and Fluids
SJSU PHYS 050	Crafton Hills College	PHYSIC 250 College Physics I
SJSU PHYS 050	CSU, Bakersfield	Phys 2210 Calculus-Based Physics I
SJSU PHYS 050	CSU, Channel Islands	PHYS 200 General Physics I
SJSU PHYS 050	CSU, Chico	PHYS 204A Mechanics
SJSU PHYS 050	CSU, East Bay	Phys 135 Physics for Scientists and Engineers I
SJSU PHYS 050	CSU, Fresno	Phys 4A Mechanics and Wave Motion AND Phys 4AL Lab in Mechanics and Wave Motion

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU PHYS 050	CSU, Fullerton	Phys 225 Fundamental Phys; Mechanics AND Phys 225L Fundamental Physics Lab
SJSU PHYS 050	CSU, Long Beach	Phys 151 Mechanics and Heat
SJSU PHYS 050	CSU, Pomona	Phy 131 General Physics AND Phy 131L General Physics Lab
SJSU PHYS 050	CSU, Sacramento	Phys 11A General Physics - Mechanics
SJSU PHYS 050	CSU, San Bernardino	PHYS 221 General Physics I
SJSU PHYS 050	CSU, San Luis Obispo	HNRS 134 General Physics IA OR PHYS 141 General Physics IA
SJSU PHYS 050	CSU, San Marcos	PHYS 201 Physics of Mechanics and Sound
SJSU PHYS 050	CSU, Stanislaus	Phys 2250 General Physics I AND Phys 2252 General Physics I Lab
SJSU PHYS 050	Cuesta College	PHYS 208A Principles of Physics 1
SJSU PHYS 050	Cuyamaca College	PHYC 201 Mechanics and Waves
SJSU PHYS 050	Cypress College	PHYS 221C General Physics I
SJSU PHYS 050	DeAnza College	PHYS 4A Physics for Scientists & Engineers: Mechanics
SJSU PHYS 050	Diablo Valley College	PHYS 130 Physics for Engineers and Scientists A: Mechanics & Wave Motion
SJSU PHYS 050	El Camino College	PHYS 1A Mechanics of Solids

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Math 129A for content credit only.

SJSU PHYS 050	Evergreen Valley College	PHYS 007A Calculus-Based General Physics for Scientists and Engineers I
SJSU PHYS 050	Feather River College	PHYS 202 Physics for Scientists and Engineers I
SJSU PHYS 050	Folsom Lake College	PHYS 411 Mechanics of Solids and Fluids
SJSU PHYS 050	Foothill College	PHYS 4A General Physics (Calculus)
SJSU PHYS 050	Fresno City College	PHYS 4A Physics for Scientists and Engineers
SJSU PHYS 050	Fullerton College	PHYS 221F General Physics I
SJSU PHYS 050	Gavilan College	PHYS 4A Physics for Scientists and Engineers I
SJSU PHYS 050	Glendale Community College	PHY 101 Physics for Scientists and Engineers: A OR PHY 101H Honors Physics for Scientists and Engineers: A
SJSU PHYS 050	Golden West College	PHYS G185 Calculus Based Physics: Mechanics
SJSU PHYS 050	Grossmont College	PHYC 201 Mechanics and Waves
SJSU PHYS 050	Hartnell College	PHY 4A General Physics I & Mechanics
SJSU PHYS 050	Imperial Valley College	PHYS 200 General Physics I
SJSU PHYS 050	Irvine Valley College	PHYS 4A General Physics

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU PHYS 050	Lake Tahoe Community College	*	PHY 107 General Physics (Calculus) - Mechanics AND PHY 108 General Physics (Calculus) - Waves, Thermodynamics and Light AND PHY 207 General Physics (Calculus) - Electricity and Magnetism AND PHY 208 General Physics (Calculus) - Optics and Modern Physics OR PHY 107 General Physics (Calculus) - Mechanics AND PHY 108 General Physics (Calculus) - Waves, Thermodynamics and Light
SJSU PHYS 050	Laney College		PHYS 4A General Physics with Calculus
SJSU PHYS 050	Las Positas College		PHYS 1A General Physics I
SJSU PHYS 050	Lemoore College		PHYSICS 004A Classical Mechanics
SJSU PHYS 050	Long Beach City College		PHYS 3A Physics for Science & Engineering - Mechanics
SJSU PHYS 050	Los Angeles City College		PHYSICS 101 Physics for Engineers and Scientists I
SJSU PHYS 050	Los Angeles Harbor College		PHYSICS 037 Physics for Engineers and Scientists I
SJSU PHYS 050	Los Angeles Mission College		PHYSICS 037 Physics for Engineers and Scientists I
SJSU PHYS 050	Los Angeles Pierce College		PHYSICS 101 Physics for Engineers and Scientists I
SJSU PHYS 050	Los Angeles Southwest College		PHYSICS 037 Physics for Engineers and Scientists I
SJSU PHYS 050	Los Angeles Trade Technical College		PHYSICS 101 Physics for Engineers and Scientists I
SJSU PHYS 050	Los Angeles Valley College		PHYSICS 037 Physics for Engineers and Scientists I
SJSU PHYS 050	Los Medanos College		PHYS 040 Physics for Scientists and Engineers I

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Math 129A for content credit only.

SJSU PHYS 050	Madera Community College		PHYS 4A Physics for Scientists and Engineers
SJSU PHYS 050	Mendocino College		PHY 220 Physics for Scientists and Engineers I
SJSU PHYS 050	Merced College		PHYS 4A Physics I
SJSU PHYS 050	Merritt College		PHYS 4A General Physics with Calculus
SJSU PHYS 050	Miracosta College		PHYS 151 Principles of Physics I
SJSU PHYS 050	Mission College		PHY 004A Engineering Physics - Mechanics
SJSU PHYS 050	Modesto Junior College	*	PHYS 101 General Physics: Mechanics
SJSU PHYS 050	Monterey Peninsula College		PHYS 3A Science and Engineering Physics I
SJSU PHYS 050	Moorpark College	*	PHYS M20A Mechanics of Solids and Fluids AND PHYS M20AL Mechanics of Solids and Fluids Laboratory
SJSU PHYS 050	Moreno Valley College		PHY 4A Mechanics
SJSU PHYS 050	Mount San Antonio College		PHYS 4A Engineering Physics
SJSU PHYS 050	Mount San Jacinto College		PHY 201 Mechanics and Wave Motion
SJSU PHYS 050	Napa Valley College		PHYS 140 Physics for Scientists & Engineers 1
SJSU PHYS 050	Norco College		PHY 4A Mechanics
SJSU PHYS 050	Ohlone College		PHYS 140 Mechanics
SJSU PHYS 050	Orange Coast College		PHYS A185 Calculus-Based Physics: Mechanics OR PHYS A185H Calculus-Based Physics: Mechanics Honors
SJSU PHYS 050	Oxnard College		PHYS R131 Physics for Scientists and Engineers 1
SJSU PHYS 050	Palomar College		PHYS 230 Principles of Physics
SJSU PHYS 050	Pasadena City College		PHYS 008A Physics for Scientists and Engineers I: Mechanics

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The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU PHYS 050	Porterville College	PHYS P104A Physics for Scientists and Engineers
SJSU PHYS 050	Reedley College	Phys 4A Physics for Scientists and Engineers
SJSU PHYS 050	Rio Hondo College	PHY 211 Physics for Scientists and Engineers-I
SJSU PHYS 050	Riverside City College	PHY 4A Mechanics
SJSU PHYS 050	Sacramento City College	PHYS 410 Mechanics of Solids and Fluids
SJSU PHYS 050	Saddleback College	Phys 4A General Physics
SJSU PHYS 050	San Bernardino Valley College	PHYSIC 202 Physics I
SJSU PHYS 050	San Diego City College	Phys 195 Mechanics
SJSU PHYS 050	San Diego Mesa College	Phys 195 Mechanics
SJSU PHYS 050	San Diego Miramar College	PHYS 195 Mechanics
SJSU PHYS 050	San Diego State University	Phys 195 Principles of Physics AND Phys 195L Principles of Physics Laboratory
SJSU PHYS 050	San Francisco State University	Phys 220 General Physics with Calculus I AND Phys 222 General Physics with Calculus I Laboratory
SJSU PHYS 050	San Joaquin Delta College	Phyisc 4A Principles of Physics: Mechanics
SJSU PHYS 050	San Jose City College	PHYS 004A General Physics
SJSU PHYS 050	Santa Ana College	Phys 217 Engineering Physics I OR PHYS 210 Principles of Physics I
SJSU PHYS 050	Santa Barbara City College	Phys 110 Introductory Physics OR Phys 121 Mechanics of Solids and Fluids

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU PHYS 050	Santa Monica College		Physcs 21 Mechanics with Lab
SJSU PHYS 050	Santa Rosa Junior College		Phys 40 Classical Mechanics for Scientists and Engineers
SJSU PHYS 050	Santiago Canyon College		PHYS 250A Physics for Scientists and Engineering I
SJSU PHYS 050	Shasta College		Phys 4A Physics - Mechanics
SJSU PHYS 050	Sierra College	*	Phys 205 Principles of Physics: Mechanics AND Phys 205L Principles of Physics Laboratory: Mechanics
SJSU PHYS 050	Skyline College		Phys 250 Physics with Calculus I
SJSU PHYS 050	Solano Community College		Phys 006 Physics for Science and Engineering
SJSU PHYS 050	Southwestern College	*	Phys 270 Principles of Physics I AND Phys 271 Principles of Physics Laboratory I
SJSU PHYS 050	Taft College		PHYS 2221 General Physics (Calculus)
SJSU PHYS 050	University of California, Berkeley		Physics 7A Physics for Scientists and Engineers
SJSU PHYS 050	University of California, Davis		Physics 9A Classical Physics
SJSU PHYS 050	University of California, Merced		PHYS 008 Introductory Physics I for Physical Sciences AND PHYS 008L Introductory Physics I for Physical Sciences Lab OR PHYS 008H Honors Introductory Physics I for Physical Sciences AND PHYS 008L Introductory Physics I for Physical Sciences Lab
SJSU PHYS 050	University of California, Santa Cruz		PHYS 6A Introductory Physics I AND PHYS 6L Introductory Physics I Laboratory

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Math 129A for content credit only.

SJSU PHYS 050	Ventura College	*	PHYS V04 Mechanics for Scientists and Engineers AND PHYS V04L Mechanics Laboratory for Scientists and Engineers
SJSU PHYS 050	Victor Valley College		Phys 201 Engineering Physics (Mechanics of Solids)
SJSU PHYS 050	West Los Angeles College		Physics 037 Physics for Engineers and Scientists I
SJSU PHYS 050	West Valley College		Phys 004A Engineering Physics - Mechanics
SJSU PHYS 050	Woodland Community College		PHYS 4A Mechanics
SJSU PHYS 050	Yuba College		PHYS 4A Mechanics
SJSU PHYS 051	Allan Hancock Community College		PHYS 163 Engineering Physics 3
SJSU PHYS 051	American River College		PHYS 421 Electricity and Magnetism
SJSU PHYS 051	Antelope Valley College		PHYS 120 General Physics
SJSU PHYS 051	Bakersfield College		PHYS B4B Heat, Electricity and Magnetism
SJSU PHYS 051	Barstow College		PHYS 2B General Physics II: Electricity and Magnetism
SJSU PHYS 051	Berkeley City College		PHYS 4B General Physics with Calculus
SJSU PHYS 051	Butte College		PHYS 42 Physics for Scientists and Engineers II
SJSU PHYS 051	Cabrillo College		PHYS 4B Physics for Scientists & Engineers II
SJSU PHYS 051	California Polytechnic University, Humboldt		Phyx 110 General Physics II: Electricity, Heat
SJSU PHYS 051	Canada College		PHYS 260 Physics with Calculus II
SJSU PHYS 051	Cerritos College		PHYS 202 Engineering Physics
SJSU PHYS 051	Cerro Coso College		PHYS C113 Electricity and Magnetism
SJSU PHYS 051	Chabot College		PHYS 4B General Physics II
SJSU PHYS 051	Chaffey College		PHYS 46 Physics for Scientists and Engineers II

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU PHYS 051	Citrus Community College		PHYS 202 Physics B: Thermodynamics and Electromagnetism
SJSU PHYS 051	City College of San Francisco	*	PHYC 4B Electromagnetism for Scientists and Engineers AND PHYC 4BL Electromagnetism Lab for Scientists and Engineers
SJSU PHYS 051	Clovis Community College		PHYS 4B Physics for Scientists and Engineers II
SJSU PHYS 051	Coalinga College		PHYSICS 004B Electricity, Magnetism, and Waves
SJSU PHYS 051	Coastline College		PHYS C280 Calculus Based Physics: Electricity and Magnetism
SJSU PHYS 051	College of Alameda		PHYS 4B General Physics with Calculus
SJSU PHYS 051	College of Marin		PHYS 207B Electricity and Magnetism
SJSU PHYS 051	College of San Mateo		PHYS 260 Physics with Calculus II
SJSU PHYS 051	College of the Canyons		PHYSIC 221 Physics for Scientists & Engineers: Electricity & Magnetism
SJSU PHYS 051	College of the Desert		PH 3B Engineering Physics
SJSU PHYS 051	College of the Redwoods		PHYS 4B Calculus-Based Physics: Electricity & Magnetism
SJSU PHYS 051	College of the Sequoias		PHYS 056 Physics 2: E&M and Heat
SJSU PHYS 051	College of the Siskiyous		PHYS 2110 Calculus-Based Physics for Scientists and Engineers: B
SJSU PHYS 051	Columbia College		PHYCS 5B Physics II: Calculus Level
SJSU PHYS 051	Compton College		PHYS 250 Electricity and Magnetism
SJSU PHYS 051	Contra Costa College		PHYS 230 General Physics II
SJSU PHYS 051	Copper Mountain College		PH 004B Physics for Scientists and Engineers

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Math 129A for content credit only.

SJSU PHYS 051	Cosumnes River College	PHYS 380 Introductory Physics- Electricity and Magnetism, Light and Modern Physics OR PHYS 421 Electricity and Magnetism
SJSU PHYS 051	Crafton Hills College	PHYSIC 251 College Physics II
SJSU PHYS 051	CSU, Bakersfield	Phys 2220 Calculus-Based Physics II
SJSU PHYS 051	CSU, Channel Islands	PHYS 201 General Physics II
SJSU PHYS 051	CSU, Chico	PHYS 204B Electricity & Magnetism
SJSU PHYS 051	CSU, East Bay	Phys 136 Physics for Scientists and Engineers II
SJSU PHYS 051	CSU, Fresno	Phys 4B Electricity, Magnetism, and Heat AND Phys 4BL Lab in Electricity, Magnetism, and Heat
SJSU PHYS 051	CSU, Fullerton	Phys 226 Fundamental Phys; Electricity & Magnetism AND Phys 226L Fundamental Physics Lab
SJSU PHYS 051	CSU, Long Beach	Phys 152 Electricity and Magnetism
SJSU PHYS 051	CSU, Pomona	Phy 132 General Physics AND Phy 132L General Physics Lab
SJSU PHYS 051	CSU, Sacramento	Phys 11C General Physics - Elect, Mag, Mod
SJSU PHYS 051	CSU, San Bernardino	PHYS 222 General Physics II
SJSU PHYS 051	CSU, San Luis Obispo	PHYS 133 General Physics III
SJSU PHYS 051	CSU, San Marcos	PHYS 202 Physics of Electromagnetism and Optics

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Math 129A for content credit only.

SJSU PHYS 051	CSU, Stanislaus	Phys 2260 General Physics II AND Phys 2262 General Physics II Lab
SJSU PHYS 051	Cuesta College	PHYS 208B Principles of Physics 2
SJSU PHYS 051	Cuyamaca College	PHYC 202 Electricity, Magnetism and Heat
SJSU PHYS 051	Cypress College	PHYS 222C General Physics II
SJSU PHYS 051	DeAnza College	PHYS 4B Physics for Scientists & Engineers: Electricity & Magnetism
SJSU PHYS 051	Diablo Valley College	PHYS 230 Physics for Engineers and Scientists B: Heat & Electro-Magnetism
SJSU PHYS 051	El Camino College	PHYS 1C Electricity and Magnetism
SJSU PHYS 051	Evergreen Valley College	PHYS 007B Calculus-Based General Physics for Scientists and Engineers II
SJSU PHYS 051	Folsom Lake College	PHYS 421 Electricity and Magnetism
SJSU PHYS 051	Foothill College	PHYS 4B General Physics (Calculus)
SJSU PHYS 051	Fresno City College	PHYS 4B Physics for Scientists and Engineers
SJSU PHYS 051	Fullerton College	PHYS 222F General Physics II
SJSU PHYS 051	Gavilan College	PHYS 4B Physics for Scientists and Engineers II
SJSU PHYS 051	Glendale Community College	PHY 102 Physics for Scientists and Engineers: B
SJSU PHYS 051	Golden West College	PHYS G280 Calculus Based Physics: Electricity/Magnetism
SJSU PHYS 051	Grossmont College	PHYC 202 Electricity, Magnetism and Heat
SJSU PHYS 051	Hartnell College	PHY 4B General Physics II & Electricity and Magnetism
SJSU PHYS 051	Imperial Valley College	PHYS 202 General Physics II

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Math 129A for content credit only.

SJSU PHYS 051	Irvine Valley College		PHYS 4B General Physics
SJSU PHYS 051	Lake Tahoe Community College	*	PHY 107 General Physics (Calculus) - Mechanics AND PHY 108 General Physics (Calculus) - Waves, Thermodynamics and Light AND PHY 207 General Physics (Calculus) - Electricity and Magnetism AND PHY 208 General Physics (Calculus) - Optics and Modern Physics OR PHY 108 General Physics (Calculus) - Waves, Thermodynamics and Light AND PHY 207 General Physics (Calculus) - Electricity and Magnetism
SJSU PHYS 051	Laney College		PHYS 4B General Physics with Calculus
SJSU PHYS 051	Las Positas College		PHYS 1C General Physics III
SJSU PHYS 051	Lemoore College		PHYSICS 004B Electricity, Magnetism and Waves
SJSU PHYS 051	Long Beach City College		PHYS 3B Physics for Science & Engineering - Electricity & Magnetism
SJSU PHYS 051	Los Angeles City College		PHYSICS 102 Physics for Engineers and Scientists II
SJSU PHYS 051	Los Angeles Harbor College		PHYSICS 038 Physics for Engineers and Scientists II
SJSU PHYS 051	Los Angeles Mission College		PHYSICS 038 Physics for Engineers and Scientists II
SJSU PHYS 051	Los Angeles Pierce College		PHYSICS 102 Physics for Engineers and Scientists II
SJSU PHYS 051	Los Angeles Southwest College		PHYSICS 038 Physics for Engineers and Scientists II
SJSU PHYS 051	Los Angeles Trade Technical College		PHYSICS 102 Physics for Engineers and Scientists II

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Computer Science Core and Science Electives

The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU PHYS 051	Los Angeles Valley College		PHYSICS 038 Physics for Engineers and Scientists II
SJSU PHYS 051	Los Medanos College		PHYS 041 Physics for Scientists and Engineers II
SJSU PHYS 051	Madera Community College		PHYS 4B Physics for Scientists and Engineers
SJSU PHYS 051	Mendocino College		PHY 221 Physics for Scientists and Engineers II
SJSU PHYS 051	Merced College		PHYS 4B Physics II
SJSU PHYS 051	Merritt College		PHYS 4B General Physics with Calculus
SJSU PHYS 051	Miracosta College		PHYS 152 Principles of Physics II
SJSU PHYS 051	Mission College		PHY 004B Engineering Physics - Electricity and Magnetism
SJSU PHYS 051	Modesto Junior College	*	PHYS 103 General Physics: Electricity, Magnetism, & Modern Physics
SJSU PHYS 051	Monterey Peninsula College		PHYS 3B Science and Engineering Physics II
SJSU PHYS 051	Moorpark College	*	PHYS M20B Thermodynamics, Electricity and Magnetism AND PHYS M20BL Thermodynamics, Electricity and Magnetism Laboratory
SJSU PHYS 051	Moreno Valley College		PHY 4B Electricity and Magnetism
SJSU PHYS 051	Mount San Antonio College		PHYS 4B Engineering Physics
SJSU PHYS 051	Mount San Jacinto College		PHY 202 Electricity and Magnetism OR PHY 202H Honors Electricity and Magnetism
SJSU PHYS 051	Napa Valley College		PHYS 240 Physics for Scientists & Engineers 2
SJSU PHYS 051	Norco College		PHY 4B Electricity and Magnetism
SJSU PHYS 051	Ohlone College		PHYS 141 Electricity and Magnetism

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Math 129A for content credit only.

SJSU PHYS 051	Orange Coast College	PHYS A280 Calculus-Based Physics: Electricity/Magnetism
SJSU PHYS 051	Oxnard College	PHYS R132 Physics for Scientists and Engineers 2
SJSU PHYS 051	Palomar College	PHYS 231 Principles of Physics
SJSU PHYS 051	Pasadena City College	PHYS 008B Physics for Scientists and Engineers II: Waves, Electricity & Magnetism
SJSU PHYS 051	Porterville College	PHYS P104B Physics for Scientists and Engineers
SJSU PHYS 051	Reedley College	Phys 4B Physics for Scientists and Engineers
SJSU PHYS 051	Rio Hondo College	PHY 213 Physics for Scientists and Engineers-III
SJSU PHYS 051	Riverside City College	PHY 4B Electricity and Magnetism
SJSU PHYS 051	Sacramento City College	PHYS 420 Electricity and Magnetism
SJSU PHYS 051	Saddleback College	Phys 4B General Physics
SJSU PHYS 051	San Bernardino Valley College	PHYSIC 203 Physics II
SJSU PHYS 051	San Diego City College	Phys 196 Electricity and Magnetism
SJSU PHYS 051	San Diego Mesa College	Phys 196 Electricity and Magnetism
SJSU PHYS 051	San Diego Miramar College	PHYS 196 Electricity and Magnetism
SJSU PHYS 051	San Diego State University	Phys 196 Principles of Physics AND Phys 196L Principles of Physics Laboratory
SJSU PHYS 051	San Francisco State University	Phys 230 General Physics with Calculus II AND Phys 232 General Physics with Calculus II Laboratory
SJSU PHYS 051	San Joaquin Delta College	PhySc 4C Principles of Physics: Electricity and Magnetism
SJSU PHYS 051	San Jose City College	PHYS 004B General Physics

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Math 129A for content credit only.

SJSU PHYS 051	Santa Ana College		Phys 227 Engineering Physics II
SJSU PHYS 051	Santa Barbara City College		Phys 111 Introductory Physics OR Phys 122 Electricity and Magnetism
SJSU PHYS 051	Santa Monica College		Physcs 22 Electricity and Magnetism with Lab
SJSU PHYS 051	Santa Rosa Junior College		Phys 42 Electricity and Magnetism for Scientists and Engineers
SJSU PHYS 051	Santiago Canyon College		PHYS 250B Physics for Scientists and Engineering II
SJSU PHYS 051	Shasta College		Phys 4B Physics - Electricity and Magnetism
SJSU PHYS 051	Sierra College	*	Phys 210 Principles of Physics: Electricity and Magnetism AND Phys 210L Principles of Physics Laboratory: Electricity and Magnetism
SJSU PHYS 051	Skyline College		Phys 260 Physics with Calculus II
SJSU PHYS 051	Solano Community College		Phys 007 Physics for Science and Engineering
SJSU PHYS 051	Southwestern College		Phys 272 Principles of Physics II
SJSU PHYS 051	Taft College		PHYS 2222 General Physics II (Calculus)
SJSU PHYS 051	University of California, Berkeley		Physics 7B Physics for Scientists and Engineers
SJSU PHYS 051	University of California, Davis		Physics 9B Classical Physics
SJSU PHYS 051	University of California, Merced		PHYS 009 Introductory Physics II for Physical Sciences AND PHYS 009L Introductory Physics II for Physical Sciences Lab OR PHYS 009H Honors Introductory Physics II for Physical Sciences AND PHYS 009L Introductory Physics II for Physical Sciences Lab

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The courses listed below are the Lower Division required courses for Computer Science majors at SJSU. Successful completion of the majority of the lower division requirements will normally lead to improved performance and reduced time to graduation.

Math 129A for content credit only.

SJSU PHYS 051	University of California, Santa Cruz		PHYS 5C Intro to Physics III AND PHYS 5N Intro to Physics Laboratory III OR PHYS 6C Introductory Physics III AND PHYS 6N Introductory Physics III Laboratory
SJSU PHYS 051	Ventura College	*	PHYS V05 Electricity and Magnetism for Scientists and Engineers AND PHYS V05L Electricity and Magnetism Laboratory for Scientists and Engineers
SJSU PHYS 051	Victor Valley College		Phys 203 Engineering Physics (Electricity and Magnetism)
SJSU PHYS 051	West Los Angeles College		Physics 038 Physics for Engineers and Scientists II
SJSU PHYS 051	West Valley College		Phys 004B Engineering Physics - Electricity and Magnetism
SJSU PHYS 051	Woodland Community College		PHYS 4B Electromagnetism
SJSU PHYS 051	Yuba College		PHYS 4B Electromagnetism
SJSU PHYS 052	Allan Hancock Community College		PHYS 162 Engineering Physics 2
SJSU PHYS 052	American River College		PHYS 431 Heat, Waves, Light and Modern Physics
SJSU PHYS 052	Antelope Valley College		PHYS 211 General Physics
SJSU PHYS 052	Bakersfield College		PHYS B4C Optics and Modern Physics
SJSU PHYS 052	Berkeley City College		PHYS 4C General Physics with Calculus
SJSU PHYS 052	Butte College		PHYS 43 Physics for Scientists and Engineers III
SJSU PHYS 052	Cabrillo College		PHYS 4C Physics for Scientists & Engineers III
SJSU PHYS 052	California Polytechnic University, Humboldt		Phyx 111 General Physics III: Optics Modern Physics

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Math 129A for content credit only.

SJSU PHYS 052	Canada College	PHYS 270 Physics with Calculus III
SJSU PHYS 052	Cerritos College	PHYS 203 Engineering Physics
SJSU PHYS 052	Cerro Coso College	PHYS C211 Waves, Optics, and Modern Physics
SJSU PHYS 052	Chabot College	PHYS 4C General Physics III
SJSU PHYS 052	Chaffey College	PHYS 47 Physics for Scientists and Engineers III
SJSU PHYS 052	Citrus Community College	PHYS 203 Physics C: Waves, Optics & Modern Physics
SJSU PHYS 052	City College of San Francisco	* PHYC 4C Waves and Thermodynamics for Scientists and Engineers AND PHYC 4CL Waves and Thermodynamics Lab for Scientists and Engineers
SJSU PHYS 052	Clovis Community College	PHYS 4C Physics for Scientists and Engineers III
SJSU PHYS 052	Coalinga College	PHYSICS 004C Thermodynamics, Optics, and Modern Physics
SJSU PHYS 052	Coastline College	PHYS C285 Calculus Based Physics: Modern Physics
SJSU PHYS 052	College of Alameda	PHYS 4C General Physics with Calculus
SJSU PHYS 052	College of Marin	PHYS 207C Heat, Light, Sound and Modern Physics
SJSU PHYS 052	College of San Mateo	PHYS 270 Physics with Calculus III
SJSU PHYS 052	College of the Canyons	PHYSIC 222 Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics
SJSU PHYS 052	College of the Desert	PH 3C Engineering Physics
SJSU PHYS 052	College of the Redwoods	PHYS 4C Calculus-Based Physics: Heat, Optics, Waves, and Modern Physics
SJSU PHYS 052	College of the Sequoias	PHYS 057 Physics 3: Modern Physics

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Math 129A for content credit only.

SJSU PHYS 052	College of the Siskiyous	PHYS 2115 Calculus-Based Physics for Scientists and Engineers: C
SJSU PHYS 052	Columbia College	PHYCS 5C Physics III: Calculus Level
SJSU PHYS 052	Compton College	PHYS 252 Optics and Modern Physics
SJSU PHYS 052	Contra Costa College	PHYS 231 General Physics III
SJSU PHYS 052	Cosumnes River College	PHYS 380 Introductory Physics- Electricity and Magnetism, Light and Modern Physics OR PHYS 431 Heat, Waves, Light and Modern Physics
SJSU PHYS 052	Crafton Hills College	PHYSIC 252 College Physics III
SJSU PHYS 052	CSU, Bakersfield	Phys 2230 Calculus-Based Physics III
SJSU PHYS 052	CSU, Chico	PHYS 204C Heat, Wave, Motion, Sound, Light, and Modern Topics
SJSU PHYS 052	CSU, East Bay	Phys 137 Physics for Scientists and Engineers III
SJSU PHYS 052	CSU, Fresno	Phys 4C Light and Modern Physics
SJSU PHYS 052	CSU, Fullerton	Phys 227 Fundamental Phys: Waves, Optics, & Modern Physics AND Phys 227L Fundamental Physics Lab
SJSU PHYS 052	CSU, Long Beach	Phys 254 Applied Modern Physics AND Phys 255 Laboratory on Modern Physics
SJSU PHYS 052	CSU, Pomona	Phy 133 General Physics AND Phy 133L General Physics Lab
SJSU PHYS 052	CSU, Sacramento	Phys 11B General Physics - Heat, Light, Sound

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Math 129A for content credit only.

SJSU PHYS 052	CSU, San Bernardino	PHYS 223 General Physics III AND PHYS 224 General Physics IV
SJSU PHYS 052	CSU, San Luis Obispo	HNRS 132 General Physics II OR PHYS 132 General Physics II
SJSU PHYS 052	CSU, Stanislaus	Phys 2270 General Physics III AND Phys 2272 General Physics III Lab
SJSU PHYS 052	Cuesta College	PHYS 208C Modern Physics
SJSU PHYS 052	Cuyamaca College	PHYC 203 Light, Optics and Modern Physics
SJSU PHYS 052	Cypress College	PHYS 223C General Physics III
SJSU PHYS 052	DeAnza College	PHYS 4C Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics
SJSU PHYS 052	Diablo Valley College	PHYS 231 Physics for Engineers and Scientists C: Optics and Modern Physics
SJSU PHYS 052	East Los Angeles College	PHYSICS 103 Physics for Engineers and Scientists III
SJSU PHYS 052	El Camino College	* PHYS 1A Mechanics of Solids AND PHYS 1B Fluids, Heat, and Sound AND PHYS 1C Electricity and Magnetism AND PHYS 1D Optics and Modern Physics
SJSU PHYS 052	Evergreen Valley College	PHYS 007C Calculus-Based General Physics for Scientists and Engineers III

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Math 129A for content credit only.

SJSU PHYS 052	Folsom Lake College	PHYS 431 Heat, Waves, Light and Modern Physics
SJSU PHYS 052	Foothill College	PHYS 4C General Physics (Calculus)
SJSU PHYS 052	Fresno City College	PHYS 4C Physics for Scientists and Engineers
SJSU PHYS 052	Fullerton College	PHYS 223F General Physics III
SJSU PHYS 052	Gavilan College	PHYS 4C Physics for Scientists and Engineers III
SJSU PHYS 052	Glendale Community College	PHY 103 Physics for Scientists and Engineers: C
SJSU PHYS 052	Golden West College	PHYS G285 Calculus Based Physics: Modern
SJSU PHYS 052	Grossmont College	PHYC 203 Light, Optics, and Modern Physics
SJSU PHYS 052	Hartnell College	PHY 4C General Physics III & Waves, Heat, Light, Sound and Modern Physics
SJSU PHYS 052	Imperial Valley College	PHYS 204 General Physics III
SJSU PHYS 052	Irvine Valley College	PHYS 4C General Physics
SJSU PHYS 052	Lake Tahoe Community College	* PHY 107 General Physics (Calculus) - Mechanics AND PHY 108 General Physics (Calculus) - Waves, Thermodynamics and Light AND PHY 207 General Physics (Calculus) - Electricity and Magnetism AND PHY 208 General Physics (Calculus) - Optics and Modern Physics OR PHY 108 General Physics (Calculus) - Waves, Thermodynamics and Light AND PHY 208 General Physics (Calculus) - Optics and Modern Physics

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Computer Science Core and Science Electives

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Math 129A for content credit only.

SJSU PHYS 052	Laney College	PHYS 4C General Physics with Calculus
SJSU PHYS 052	Las Positas College	PHYS 1B General Physics II
SJSU PHYS 052	Lemoore College	PHYSICS 004C Thermodynamics, Optics and Modern Physics
SJSU PHYS 052	Long Beach City College	PHYS 3C Physics for Science & Engineering - Modern Physics
SJSU PHYS 052	Los Angeles City College	PHYSICS 103 Physics for Engineers and Scientists III
SJSU PHYS 052	Los Angeles Harbor College	PHYSICS 039 Physics for Engineers and Scientists III
SJSU PHYS 052	Los Angeles Mission College	PHYSICS 039 Physics for Engineers and Scientists III
SJSU PHYS 052	Los Angeles Pierce College	PHYSICS 103 Physics for Engineers and Scientists III
SJSU PHYS 052	Los Angeles Southwest College	PHYSICS 039 Physics for Engineers and Scientist III
SJSU PHYS 052	Los Angeles Trade Technical College	PHYSICS 103 Physics for Engineers and Scientists III
SJSU PHYS 052	Los Angeles Valley College	PHYSICS 039 Physics for Engineers and Scientists III
SJSU PHYS 052	Los Medanos College	PHYS 042 Physics for Scientists and Engineers III
SJSU PHYS 052	Madera Community College	PHYS 4C Physics for Scientists and Engineers
SJSU PHYS 052	Mendocino College	PHY 222 Physics for Scientists and Engineers III
SJSU PHYS 052	Merced College	PHYS 4C Physics III
SJSU PHYS 052	Merritt College	PHYS 4C General Physics with Calculus
SJSU PHYS 052	Miracosta College	PHYS 253 Principles of Physics III
SJSU PHYS 052	Mission College	PHY 004C Engineering Physics - Light & Heat
SJSU PHYS 052	Modesto Junior College	* PHYS 102 General Physics: Waves, Thermodynamics & Optics
SJSU PHYS 052	Monterey Peninsula College	PHYS 3C Science and Engineering Physics III

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SJSU PHYS 052	Moorpark College	*	PHYS M20C Wave Motion, Optics and Modern Physics AND PHYS M20CL Wave Motion, Optics and Modern Physics Laboratory
SJSU PHYS 052	Moreno Valley College		PHY 4C Heat, Light and Waves
SJSU PHYS 052	Mount San Antonio College		PHYS 4C Engineering Physics
SJSU PHYS 052	Napa Valley College		PHYS 241 Physics for Scientists & Engineers 3
SJSU PHYS 052	Norco College		PHY 4C Heat, Light and Waves
SJSU PHYS 052	Ohlone College		PHYS 142 Optics, Heat and Modern Physics
SJSU PHYS 052	Orange Coast College		PHYS A285 Calculus-Based Physics: Modern
SJSU PHYS 052	Oxnard College		PHYS R133 Physics for Scientists and Engineers 3
SJSU PHYS 052	Palomar College		PHYS 232 Principles of Physics
SJSU PHYS 052	Pasadena City College		PHYS 008C Physics for Scientists and Engineers III: Thermodynamics, Optics, & Modern Physics
SJSU PHYS 052	Reedley College		Phys 4C Physics for Scientists and Engineers
SJSU PHYS 052	Rio Hondo College		PHY 212 Physics for Scientists and Engineers-II
SJSU PHYS 052	Riverside City College		PHY 4C Heat, Light, and Waves
SJSU PHYS 052	Sacramento City College		PHYS 430 Heat, Waves, Light and Modern Physics
SJSU PHYS 052	Saddleback College		Phys 4C General Physics
SJSU PHYS 052	San Bernardino Valley College		PHYSIC 204 Physics III
SJSU PHYS 052	San Diego City College		Phys 197 Waves, Optics and Modern Physics
SJSU PHYS 052	San Diego Mesa College		Phys 197 Waves, Optics and Modern Physics
SJSU PHYS 052	San Diego Miramar College		PHYS 197 Waves, Optics and Modern Physics

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SJSU PHYS 052	San Diego State University	Phys 197 Principles of Physics AND Phys 197L Principles of Physics Laboratory
SJSU PHYS 052	San Francisco State University	Phys 240 General Physics with Calculus III AND Phys 242 General Physics with Calculus III Laboratory
SJSU PHYS 052	San Joaquin Delta College	Physc 4B Principles of Physics: Waves, Sound and Thermodynamics
SJSU PHYS 052	San Jose City College	PHYS 004C General Physics
SJSU PHYS 052	Santa Ana College	Phys 237 Engineering Physics III
SJSU PHYS 052	Santa Barbara City College	Phys 123 Heat, Light and Modern Physics
SJSU PHYS 052	Santa Monica College	Physcs 23 Fluids, Waves, Thermodynamics, Optics with Lab
SJSU PHYS 052	Santa Rosa Junior College	* Phys 41 Waves, Optics & Thermodynamics for Scientists and Engineers AND Phys 43 Modern Physics for Modern Physics for Engineers
SJSU PHYS 052	Santiago Canyon College	PHYS 250C Physics for Scientists and Engineering III
SJSU PHYS 052	Shasta College	Phys 4C Physics (Fluids, Thermodynamics, Waves, Optics, Relativity, and Quantum Mechanics)
SJSU PHYS 052	Sierra College	* Phys 215 Principles of Physics: Heat, Waves and Modern Physics AND Phys 215L Principles of Physics Laboratory: Heat, Waves and Modern Physics
SJSU PHYS 052	Skyline College	Phys 270 Physics with Calculus III
SJSU PHYS 052	Solano Community College	Phys 008 Physics for Science and Engineering

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SJSU PHYS 052	Southwestern College		Phys 274 Principles of Physics III
SJSU PHYS 052	Taft College		PHYS 2223 General Physics III (Calculus)
SJSU PHYS 052	University of California, Berkeley		Physics 7C Physics for Scientists and Engineers
SJSU PHYS 052	University of California, Davis		Physics 9C Classical Physics
SJSU PHYS 052	University of California, Merced		PHYS 010 Introductory Physics III
SJSU PHYS 052	University of California, Santa Cruz		PHYS 6B Introductory Physics II AND PHYS 6M Introductory Physics II Laboratory
SJSU PHYS 052	Ventura College	*	PHYS V06 Optics, Heat, and Modern Physics for Scientists and Engineers AND PHYS V06L Optics, Heat, and Modern Physics Laboratory for Scientists and Engineers
SJSU PHYS 052	Victor Valley College		Phys 202 Engineering Physics (Mechanics of Fluids, Heat and Sound)
SJSU PHYS 052	West Los Angeles College		Physics 039 Physics for Engineers and Scientists III
SJSU PHYS 052	West Valley College		Phys 004C Engineering Physics - Light, Heat, and Waves
SJSU PHYS 052	Woodland Community College		PHYS 4C Thermodynamics, Light and Modern Physics
SJSU PHYS 052	Yuba College		PHYS 4C Thermodynamics, Light and Modern Physics

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