

# COMPUTER SCIENCE

2026-2028 Semester Catalog  
**THIS IS AN EXAMPLE**

Fall 2026 Transfer Flowchart  
 General Concentration  
 2-Year Semester

**TOTAL SEMESTER UNITS REQUIRED : 120**

**Catalog Notes & Suggestions**  
 Below is an example of a pathway for a transfer student who is **on the Semester Catalog**.

**NOTE ABOUT TRANSFER CREDIT**

Below is a list of courses that you may have transfer credit for. Anything not transferred, needs to be added to your graduation plan, which may result in additional terms.

POTENTIAL CAL POLY EQUIVALENT TRANSFER CREDIT				YEAR ONE   2026-2027	YEAR TWO   2027-2028								
				FALL	SPRING	FALL	SPRING						
<p>Introduction to Computing <b>CSC 1024 (2) Credit<sup>+</sup></b>            -or-  <b>Technical Elective (2)<sup>+</sup></b></p> <p>* CSC Transfer Students with Additional STEM transfer college coursework or AP CSC test credit will have credit applied to CSC 1024. If you do not have credit, you will take an additional 2 units of Technical Electives in a future term.</p>				<p>Transfer Student Orientation and Workshop <b>CSC 3000 (3)</b>  <small>CPE/CSC 202 or CSC 2001. [Fulfills CSC 1000]**</small></p>				<p>Programming Languages <b>CSC 3300 (3)</b>  <small>CSC 349 or CSC 3449</small></p>		<p>Senior Project <b>CSC 4460 (2)</b>  <small>Senior Standing; CSC 3100, PHIL 3323, and consent of instructor</small></p>			
<p>Fundamentals of Computer Science <b>CSC 1001 (3)</b>  <small>One of the following: MATH 117, MATH 118, MATH 1004, or MATH 1006 with a grade of C- or better. Concurrent: CSC 1001L</small></p>	<p>Fundamentals of Computer Science Laboratory <b>CSC 1001L (1)</b>  <small>One of the following: MATH 117, MATH 118, MATH 1004, or MATH 1006 with a grade of C- or better. Concurrent: CSC 1001</small></p>	<p>Data Structures <b>CSC 2001 (3)</b>  <small>CPE/CSC 101 or CSC 1001 with a grade of C- or better. Concurrent: CSC 2001L</small></p>	<p>Data Structures Laboratory <b>CSC 2001L (1)</b>  <small>Concurrent: CSC 2001</small></p>	<p>System Software Mechanics <b>CSC/CPE 2050 (3)</b>  <small>CPE/CSC 202 or CSC 2001 with a grade of C- or better</small></p>				<p>Software Engineering <b>CSC 3100 (4)</b>  <small>CPE/CSC 202 or CSC 2001</small></p>		<p>Introduction to Operating Systems <b>CSC/CPE 4553 (3)</b>  <small>CPE/CSC 357 or CPE/CSC 2050; and CPE/CSC 225, CPE/EE 233, or CPE 2300. Recommended: CSC 364 or CSC 3001; and CPE 316 or CPE 3160</small></p>		<p><b>Technical Elective (4)</b>  <small>*</small></p>	
<p>Introduction to Computer Systems <b>CPE 2300 (3)</b>  <small>CPE/CSC 101 or CSC 1001</small></p>	<p>Choose one:  <b>CHEM 1120 (4)</b>            -or-  <b>PHYS 1141 (4)</b>  <small>[GE 5A &amp; 5C]</small></p>	<p>Linear Algebra <b>MATH 1151 (3)</b>  <small>One of the following: MATH 141, MATH 1261, or DATA/MATH 1264</small></p>	<p>Calculus I <b>MATH 1261 (4)</b>            -or-  <b>MATH 1264 (4)</b>  <small>[GE 2]</small></p>	<p>Transition to Advanced Mathematics <b>MATH 2031 (3)</b>  <small>One of the following: MATH 143, MATH 1262, MATH 1263, or DATA/MATH 1265</small></p>				<p>Introduction to Computer Security <b>CSC/CPE 3201 (3)</b>  <small>CPE/CSC 357 or CPE/CSC 2050</small></p>		<p><b>Technical Elective (2)</b>  <small>**</small></p>		<p><b>Technical Elective (4)</b>  <small>*</small></p>	
<p>Calculus II <b>MATH 1262 (4)</b>            -or-  <b>MATH 1265 (4)</b>  <small>[GE 5B]</small></p>	<p><b>LIFE SCIENCE SUPPORT ELECTIVE (4)</b>  <small>See Catalog for options [GE 5B]</small></p>	<p>Written Communication <b>GE 1A (3)</b>  <small>*</small></p>	<p>Critical Thinking <b>GE 1B (3)</b>  <small>*</small></p>	<p>Engineering Statistics <b>STAT 3210 (3)</b>  <small>[GE UD 2/5]</small></p>				<p>Algorithms and Complexity <b>CSC 3449 (4)</b>  <small>CSC 248 or MATH 248 or MATH 2031; and CPE/CSC 202 or CSC 2001</small></p>		<p><b>Technical Elective (2)</b>  <small>*</small></p>		<p>Approved External Elective (3)  <small>*</small></p>	
<p>Oral Communication <b>GE 1C (3)</b>  <small>*</small></p>	<p>Arts <b>GE 3A (3)</b>  <small>*</small></p>	<p>Humanities: Literature, Philosophy, and Languages other than English <b>GE 3B (3)</b>  <small>*</small></p>	<p>American Institutions <b>GE 4A (3)</b>  <small>Area 4 courses must come from at least two different prefixes</small></p>	<p>Ethics, Science, and Technology <b>PHIL 3323 (3)</b>  <small>[GE UD 3]</small></p>				<p>Approved External Elective (2)  <small>*</small></p>		<p>Upper-Division Area 4: Social &amp; Behavioral Sciences <b>GE UD 4 (3)<sup>^</sup></b>  <small>Area 4 courses must come from at least two different prefixes</small></p>			
<p>Social and Behavioral Science <b>GE 4B (3)</b>  <small>Area 4 courses must come from at least two different prefixes</small></p>	<p>Ethnic Studies <b>GE 6 (3)</b>  <small>*</small></p>			<p><b>UNITS</b></p>				<p>Choose One:  <b>WGQS 3350 -or- WGQS 3351 (4)<sup>^</sup></b>  <small>*</small></p>		<p><b>FREE ELECTIVE</b>  <small>May be needed to meet 120 semester units</small></p>			
				<p><b>16 SEM.</b></p>		<p><b>17 SEM.</b></p>		<p><b>17 SEM.</b></p>		<p><b>16 SEM.</b></p>			

**Please Note:** These flowcharts are an example and not a template of your individualized plan. You will need to consult the Catalog and Degree Progress Report for detailed information about what you need to graduate.

\*Refer to current catalog for course requirements  
 \*\* CSC 3000 will satisfy CSC 1000, CSC 1001L, and CSC 2001L. If a student has credit for CSC 1001L and/or CSC 2001L, the excess units will be applied towards Technical Electives.  
 ^ Double counting opportunity. Free electives may be needed to meet unit total.

**Course Color Key**

MAJOR	GE
SUPPORT	CONCENTRATION
	FREE ELECTIVE

**Additional Requirements**

Click the links below to learn more about how to complete these requirements before graduation.

- [U.S. CULTURAL PLURISM \(USCP\)](#)
- [GRADUATION WRITING REQ. \(GWR\)](#)