

# Computer Science AST Coursework Roadmap-Two Year

## Instructions:

Be sure to work with a counselor to make sure that your choices work for all of your intended transfer institutions.

1. Take CSCI 270.<sup>1</sup>
2. Take MATH 171 (with MATH 181<sup>2</sup>).
3. Take PHYS 165 (with PHYS 166<sup>2</sup>)
4. Take COMM 100, COMM 102 or COMM 110.
5. Take ART 102/CMPGR 202 or pick one course from the list of General Education Options –CSU GE: C1 / IGETC 3A.
6. Take CSCI 271.
7. Take MATH 172 (with MATH 182<sup>2</sup>).
8. Take PHYS 101 (with PHYS 121<sup>2</sup>)
9. Take ENGL 100 or 101.
10. Pick one course from the list of General Education Options –CSU GE: Area D group a / IGETC 4 group a.<sup>1</sup>
11. Pick one course from the list of General Education Options –CSU GE: Area D group b / IGETC 4 group b.<sup>1</sup>

<sup>1</sup> Recommended to be taken in a summer semester.

<sup>2</sup> Recommended for success by area faculty.

## Course Selections:

Course Selections:	Units	Term
1. CSCI 270	<u>3</u>	_____
2. MATH 171 (with MATH 181)	<u>4</u>	_____
3. PHYS 165 (with PHYS 166)	<u>4 or 5</u>	_____
4. Take COMM 100, 102 or 110	<u>3</u>	_____
5. ART 102/ or _____ CMPGR 202 <small>GE selection</small>	<u>3</u>	_____
6. CSCI 271	<u>3</u>	_____
7. MATH 172 (with MATH 182)	<u>4</u>	_____
8. PHYS 101 (with PHYS 121)	<u>4 or 5</u>	_____
9. ENGL 100 or 101	<u>3 or 5</u>	_____
10. _____ <small>general education selection</small>	<u>3</u>	_____
11. _____ <small>general education selection</small>	<u>3</u>	_____

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## General Education Options – CSU GE: D / IGETC: 4

To meet the US History, Constitution, and American Ideals requirement you must take either one course from Group a and one course from Group b or take both HIST 101 and 102.

Course #	Course Title	GE Area(s)
<b>Group a</b>		
<b>ECON 115</b>	Economic History of the United States	CSU GE: D/ IGETC: 4
<b>HIST 101</b>	History of the US until 1877	CSU GE: D/ IGETC: 4
<b>HIST 102</b>	History of the US since 1865	CSU GE: D/ IGETC: 4
<b>HIST 116</b>	Women in American History	CSU GE: D/ IGETC: 4
<b>HIST 154</b>	African Amer. History thru 19th Cent	CSU GE: D/ IGETC: 4
<b>HIST 155</b>	African Amer. History in 20 <sup>th</sup> /21 <sup>st</sup> Cent	CSU GE: D/ IGETC: 4
<b>Group b</b>		
<b>POLSC 101</b>	American Politics	CSU GE: D / IGETC:4
<b>POLSC 102</b>	The Constitution and Rights of Persons	CSU GE: D / IGETC:4
<b>POLSC 120</b>	California Politics and Problems	CSU GE: D / IGETC:4

These are recommendations from area faculty. Alternative selections can be made using MJC's general education lists in the catalog. Please see your counselor for assistance in choosing alternate courses.

## General Education Options – CSU GE: Area C / IGETC Area 3

Course #	Course Title	GE Area(s)
<b>Art 160</b>	Appreciation of Art	CSU GE: C1
<b>CMPGR 202/ ART 102</b>	Introduction to Computer Graphics Introduction to Computer Graphics	CSU GE: C1 CSU GE: C1
<b>COMM 132</b>	Introduction to Mass Communication	CSU GE: C1 / IGETC: 3A
<b>MUSG 101</b>	Music Appreciation	CSU GE: C1 / IGETC: 3A
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<b>ENGL 162</b>	History of Cinema	CSU GE: C2 / IGETC: 3A
<b>HUMAN 101</b>	Introduction to the Humanities	CSU GE: C2 / IGETC: 3B
<b>PHILO 101</b>	Introduction to Philosophy -or-	CSU GE: C2 / IGETC: 3B
<b>PHILO 111</b>	Ethics: Theory & Application	CSU GE: C2 / IGETC: 3B

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12. Take CSCI 204.
13. Take CSCI 272 or CSCI 273.
14. Pick a course from the list of General Education Options  
-CSU GE: C2 / IGETC 3B.
15. Take CSCI 203.<sup>1</sup>
16. If you intend to transfer to a CSU pick a General Education Options -CSU GE: E.
17. Pick one course from the list of General Education Options -CSU GE: B2 / IGETC 5B.
18. Take CSCI 272 or CSCI 273.
19. Take PHYS 103 (with PHYS 113<sup>2</sup>)
20. Pick a course from the list of General Education Options  
-CSU GE: C1 or C2 / IGETC 3A or 3B.
21. Pick one course from the list of General Education Options -CSU GE: Area D / IGETC 4.
22. If you intend to transfer to a UC and did not take two years of a foreign language in high school pick a course that from General Education - IGETC 6A (FREN 101, GERM 101, ITAL 101, SIGN 125 or SPAN 101).

<sup>1</sup> CSCI 203 fulfill the CSU GE: A1 requirement, but will not fulfill the IGETC 1B requirement at a UC. See you counselor for alternative selections if you might transfer to a UC.

<sup>2</sup> Recommended for success by area faculty.

## Course Selections:

	Units	Term
12. CSCI 204	<u>3</u>	_____
13. CSCI 272 or 273	<u>3</u>	_____
14. _____ general education selection	<u>3 or 5</u>	_____
15. CSCI 203	<u>3</u>	_____
16. _____ general education selection	<u>3</u>	_____
17. _____ general education selection	<u>3 or 5</u>	_____
18. CSCI 272 or 273	<u>3</u>	_____
19. PHYS 103 (with PHYS 113)	<u>4 or 5</u>	_____
20. _____ general education selection	<u>3 or 5</u>	_____
21. _____ general education selection	<u>3</u>	_____
22. _____ general education selection	<u>3-5</u>	_____

# Computer Science AST Coursework Roadmap-Two Year

## General Education Options – CSU GE: Area E

Course #	Course Title	GE Area(s)
HE 110	Healthful Living – or-	CSU GE: E
HE 111	Women’s Health Issues	CSU GE: E
PSYCH 110	Human Sexualities -or-	CSU GE: E / IGETC: 4
PSYCH 130	Personal Adjustment	CSU GE: E
PSYCH 141	Human Lifespans	CSU GE: E / IGETC: 4

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## General Education Options – CSU GE: B2 / IGETC: 5B

Course #	Course Title	GE Area(s)
ANTHR 101	Biological Anthropology	CSU GE: B2 / IGETC: 5B
ENSCI 108	Environmental Conservation	CSU GE: B2 / IGETC: 5B
PSYCH 103	Introduction to Neuroscience	CSU GE: B2 / IGETC: 5B

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## General Education Options – CSU GE: Area D / IGETC Area 4

Course #	Course Title	GE Area(s)
COMM 130	Intercultural Communication -or-	CSU GE: D / IGETC: 4
COMM 132	Introduction to Mass Communication	CSU GE: D / IGETC: 4
ECON 101	Principles of Macroeconomics	CSU GE: D / IGETC: 4
ECON 102	Principles of Microeconomics	CSU GE: D / IGETC: 4
HIST 101	History of the United States to 1877	CSU GE: D / IGETC: 4
HIST 102	History of the United States since 1865	CSU GE: D / IGETC: 4
POLSC 180	Human Rights	CSU GE: D / IGETC: 4

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