

ARTIFICIAL INTELLIGENCE 2026-27

Units

PREPARATION FOR THE MAJOR

CMPSC 1A.....	3
CMPSC 9.....	4
CMPSC 25.....	4
CMPSC 41.....	5
CMPSC 42.....	4
MATH 3A-B, 4A-B, 6A.....	20
ECE 139.....	4

UPPER DIVISION MAJOR **81**

CMPSC 130A-B.....	8
CMPSC 135.....	4
CMPSC 165A-B.....	8
CMPSC or ECE 181.....	4
CMPSC 183.....	4
CMPSC 187.....	4
CMPSC 188.....	4
Major Field Electives.....	36

9 courses selected from the following list:

CMPSC 110	CMPSC 170	CMPSC 190 AA-ZZ
CMPSC 111	CMPSC 171	CMPSC 1921
CMPSC 132	CMPSC 172	CMPSC 1961
CMPSC 134	CMPSC 174A-B	ECE 180
CMPSC 138	CMPSC 176A-B-C	ECE 186
CMPSC 140	CMPSC 177	ENGL 197
CMPSC 148	CMPSC 178	ENGL 146DS
CMPSC/ECE 153A	CMPSC 180	ENGL 146AI
CMPSC 154	CMPSC 184	C LIT/GER 155
CMPSC 156	CMPSC 185	ME 107
CMPSC 160	CMPSC 186	
CMPSC 162	CMPSC 189 C-D	

¹ Four units maximum from CMPSC 192 and 196 combined; only for students with GPA of 3.0 or higher.

² Only for students who have met the requirements. Please see department advisor for more information.

Major Field Electives taken:

SCIENCE COURSES (See dept. for approved lists)

Science Electives - List A.....	8
Science Electives - List B.....	

To satisfy major requirements, courses taken inside or outside the Department of Electrical and Computer Engineering, must be taken for a letter grade.

UNIVERSITY REQUIREMENTS

UC Entry Level Writing Requirement: English Composition
Must be fulfilled within three quarters of matriculation

American History and Institutions – (one 4-unit course, may be counted as G.E. if selected from approved list)

GENERAL EDUCATION

General Subject Areas

Area A: English Reading & Comprehension – (2 courses required)

A-1: _____ **A-2:** _____

Area D: Social Science
(2 courses minimum)

Area E: Culture and Thought
(2 courses minimum)

Area F: The Arts
(1 course minimum)

Area G: Literature
(1 course minimum)

Special Subject Areas

Ethnicity (1 course): _____

European Traditions
or World Cultures (1 course): _____

Writing (4 courses required):

NON-MAJOR ELECTIVES

Free Electives taken:

TOTAL UNITS REQUIRED FOR GRADUATION 180

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This grid is intended to serve as a guide and should be adjusted for individual circumstances in consultation with academic advisors.
Course availability subject to change. Changes will be announced by the department.

FRESHMAN YEAR

FALL	units	WINTER	units	SPRING	units
CMPSC 8 ¹	4	CMPSC 9	4	CMPSC 25	4
MATH 3A	4	MATH 3B	4	MATH 4A	4
G.E.	4	Science Elective	4	Science Elective	4
G.E.	4	G.E.	4	G.E.	4
TOTAL	16		16		16

SOPHOMORE YEAR

FALL	units	WINTER	units	SPRING	units
MATH 4B	4	MATH 6A	4	CMPSC 41	4
Science Elective	4	ECE 139	4	Science Elective	4
G.E.	4	Science Elective	4	G.E.	4
Free Elective	4 ²	CMPSC 1A	4	Free Elective	4 ²
TOTAL	16		15		16

JUNIOR YEAR

FALL	units	WINTER	units	SPRING	units
CMPSC 42	4	CMPSC 130B	4	CMPSC 181 or ECE 181	4
CMPSC 130A	4	CMPSC 165A	4	CMPSC 187	4
CMPSC 135	4	CMPSC 165B	4	CMPSC 188	4
G.E.	4	G.E.	4	CMPSC 183	4
TOTAL	16		16		16

SENIOR YEAR

FALL	units	WINTER	units	SPRING	units
Field Elective	4	Field Elective	4	Field Elective	4
Field Elective	4	Field Elective	4	Field Elective	4
Field Elective	4	Field Elective	4	Free Elective	4
Free Elective	4 ²				
TOTAL	16		12		12

¹ Consult Computer Science academic advisor for placement information.

² Free electives may be needed to satisfy unit requirements. 180 units is the minimum required to complete this degree.