

PREPARED: 08/30/25 - 02:36 PM

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Kim, Eugene

ANTICP GRAD DATE: UNKNOWN

PROGRAM CODE: BS CPSC

CATALOG YEAR: FA2024

BACHELOR OF SCIENCE
COMPUTER SCIENCE

*****AT LEAST ONE REQUIREMENT HAS NOT BEEN SATISFIED*****

>>>IMPORTANT INFORMATION<<

Regarding Final Evaluation and/or Grad Checkout Status

- + TRANSFER CREDITS EVALUATION STATUS: REVIEW COMPLETED
(Students with transfer credit)
A review of the units that you earned from other colleges, universities, or the credits by external exams has been completed.
(The Office of the Registrar evaluates courses for GE areas only. Any course to course articulation must be approved by faculty or chair of the department offering the course.)
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This TITAN Degree Audit (TDA) is provided to help you keep track of your progress toward a degree. Efforts have been made to ensure its accuracy, you must carefully review it.

-If you need to submit official transcripts for transfer credit or exam credit to be posted, please visit Office of Admissions, for more information visit:

<https://tinyurl.com/Office-of-Admissions>

-If you have applied for a grad check, please send inquiries to gradunit@fullerton.edu

You are responsible for consulting a major adviser to verify the status of major requirements.

***** * L E G E N D * *****

NO(-) =Unfulfilled

OK(+) =Complete

IP =In Progress Course

PL =Planned Course(only applies to Titan Degree Planner)

>- =Credit Reduction May Be Required

RP =Duplicate/Retaken Course

>R =Repeatable Course

>D =Grades Averaged

(R)=Required Course/Requirement

>S =Credit Reduced

>X =Grade Forgiveness/Academic Renewal/High School credit/
Second Start

*****GENERAL EDUCATION PROGRAM*****

CATALOG YEARS FALL 2019 & BEYOND

G.E. courses taken at CSUF: Letter grade is required. CR/NC is allowed if it is the only grade option available.

OK A. CORE COMPETENCIES (NEEDS C- OR BETTER) - 6 UNITS
[GE-A]

+ GE A.1 ORAL COMMUNICATION (3 UNITS)
[ORAL COMM]

Term	Course	Credits	Grade	Title
FA20	HCOM 102	4.0	A	PUBLIC SPEAKING FullColl: COMM 100 F

+ GE A.2 WRITTEN COMMUNICATION (3 UNITS)
[WRITTEN COMM]

Term	Course	Credits	Grade	Title
FA20	ENGL 101	4.0	A	COLLEGE WRITING FullColl: ENGL 100 F

A.3 CRITICAL THINKING (3 UNITS) [CRIT THINKING]

>>> Waived for this major <<

Term	Course	Credits	Grade	Title
SP21	A3 CSU CERT	4.0	A	CRITICAL REASONING AND WRITIN FullColl: ENGL 103 F

NO B. SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING
(12 UNITS MINIMUM) [GEB-CPSC]

+ GE B.1 PHYSICAL SCIENCE (3 UNITS MINIMUM) [PHY SCI]

Term	Course	Credits	Grade	Title
SP22	GEOG 110	3.0	A	PHYSICAL GEOGRAPHY FullColl: GEOG 102 F
SP22	PHYS 225	3.0	B	GENERAL PHYSICS I FullColl: PHYS 221 F
FA22	PHYS 226	3.0	C	GENERAL PHYSICS II FullColl: PHYS 222 F Matched As: B1 CSU CERT

B.2 LIFE SCIENCE (3 UNITS) [BIOLOGY]

>>> Waived for this major <<

Term	Course	Credits	Grade	Title
FA20	BIOLT0525	3.0	A	INTRO TO BIOTECHNOLOGY FullColl: BIOL 190 F Matched As: B2 CSU CERT
SP24	B2 CSU CERT	3.0	B	HUMAN BIOLOGY FullColl: BIOL 102 F Matched As: TRSFR0524

+ B.3 LABORATORY EXPERIENCE SATISFIED [LAB]

THIS REQUIREMENT HAS BEEN MET WITH EITHER A LAB ONLY COURSE (SEE BELOW) OR WITH A COURSE IN AREA B.1 OR B.2 INCLUDES A LAB.

Term	Course	Credits	Grade	Title
SP22	PHYS 225L	1.0	B	GENERAL PHYSICS I FullColl: PHYS 221 F
FA22	PHYS 226L	1.0	C	GENERAL PHYSICS II FullColl: PHYS 222 F Matched As: B3A CSU CERT

+ GE B.4 MATHEMATICS QUANTITATIVE REASONING(3 UNITS MIN)

(3 UNITS MINIMUM)NEEDS 'C-' OR BETTER [MATH]

Term	Course	Credits	Grade	Title
SP21	MATH 125	8.0	+B	TRIGONOMETRY ++ FullColl: MATH 141 F, 142 F
FA21	MATH 150A	4.0	A	CALCULUS I FullColl: MATH 151 F
FA22	B4 CSU CERT	4.0	B	LINEAR ALGEBRA AND DIFF EQUAT FullColl: MATH 252 F
FA23	MATH 170A	4.0	C	DISCRETE MATHEMATICS FullColl: MATH 171 F Matched As: B4 CSU CERT

- GE B.5 IMPLICATIONS AND EXPLORATION IN MATH AND NAT SCI

[EXPM] >>MATH 338 REQUIRED<<

UPPER DIVISION UNITS MUST BE TAKEN WITHIN THE CSU

Term	Course	Credits	Grade	Title
FA25	MATH 338	0.0	IP	Stat Appl to Natural Sci

OK

C. ARTS AND HUMANITIES (9 UNITS MINIMUM)
[GE-C]

+ GE C.1 INTRODUCTION TO ARTS (3 UNITS)
[ARTS]

Term	Course	Credits	Grade	Title
FA21	MUS 100	3.0	A	MUSIC APPRECIATION FullColl: MUS 116 F

+ GE C.2 INTRODUCTION TO HUMANITIES (3 UNITS)
[HUMS]

Term	Course	Credits	Grade	Title
SS21	HIST 110A	3.0	A	WORLD CIVILIZATIONS TO 1550 FullColl: HIST 112 F

- + GE C.3 EXPLORATIONS IN ARTS OR HUMANITIES (3 UNITS)
 UPPER DIVISION UNITS MUST BE TAKEN WITHIN THE CSU
 [EXPA]

Term	Course	Credits	Grade	Title
FA24	ANTH 311	3.0	A	Culture and Communication

 **ADDITIONAL COURSE IN C1.ARTS OR C2.HUMANITIES
 (3 UNITS) [ARTS/HUMS3]
 >>> Waived for this major <<

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Term	Course	Credits	Grade	Title
FA24	JAPN 101	3.0	A-	Fundamental Japanese - A

- OK D. SOCIAL SCIENCES (6 UNITS MINIMUM)
 [GE-D]

- R AREA D. REQUISITE [GEDGROUP]
 At least 2 DIFFERENT DISCIPLINES used in Area D

- + GE D.1 INTRODUCTION TO THE SOCIAL SCIENCES (3 UNITS)
 [SOC SCI]

Term	Course	Credits	Grade	Title
FA20	SOCI 101	3.0	A	INTRO TO SOCIOLOGY FullColl: SOC 101 F
FA21	ANTH 102	3.0	B	CULTURAL ANTHROPOLOGY FullColl: ANTH 102 F
FA21	D6 CSU CERT	3.0	A	WESTERN CIVILIZATIONS TO 1550 FullColl: HIST 110 F Matched As: TRSFR0528
FA24	LING 102	3.0	A	Languages of the World

- + GE D.2 AMERICAN HISTORY, INSTITUTIONS AND VALUES
 (3 UNITS) [HIST1]

Term	Course	Credits	Grade	Title
SP25	HIST 180	3.0	A	Survey of American Hist

- D.3 EXPLORATIONS IN SOCIAL SCIENCES (3 UNITS) [EXPS]
 >>> Waived for this major <<

- OK E. LIFELONG LEARNING AND SELF DEVELOPMENT
 (3 UNITS MINIMUM) [GE-E; LIFE]
 >>> Waived for this major <<<

- OK F. ETHNIC STUDIES (3 UNITS)
 [ETHNIC STUDIES]
 *** UPPER-DIVISION COURSES TAKEN IN AREA F WILL NOT
 SATISFY UPPER-DIVISION GE REQUIREMENT ***
 + **>> WAIVED--FALL 2021 ETHNIC STUDIES FOR TRANSFER <<

OK Z. CULTURAL DIVERSITY REQUIREMENT (1 CLASS REQUIRED)
MUST BE TAKEN AT CSUF

+ ****

Term	Course	Credits	Grade	Title
SS21	HIST 110A	3.0	A	WORLD CIVILIZATIONS TO 1550 FullColl: HIST 112 F
FA24	ANTH 311	3.0	A	Culture and Communication

NO GENERAL EDUCATION UPPER DIVISION/RESIDENCE UNITS
FROM WITHIN THE CSU (MINIMUM OF 6 UNITS)
MUST HAVE 3 UNITS EACH IN AREAS B and C

- MINIMUM OF 6 UNITS IN UPPER DIVISION/RESIDENCE:

3.0 UNITS EARNED

Term	Course	Credits	Grade	Title
FA24	ANTH 311	3.0	A	
FA25	MATH 338	0.0	IP	

OK GE UNITS

+ MINIMUM OF 35 UNITS (incl RES/UD):

76.0 UNITS EARNED

NO COMPUTER SCIENCE CORE COURSES

>>LOWER DIVISION CORE COURSES (18 UNITS)<<
Complete section A,B,C

+ CPSC LOWER DIVISION CORE - A.1 (3 UNITS)
[CPSCLD-A1]

Term	Course	Credits	Grade	Title
SP25	CPSC 120A	2.0	B	Intro to Programming Lecture
SP25	CPSC 120L	1.0	A	Intro to Programming Lab

+ CPSC LOWER DIVISION CORE - A.2 (3 UNITS)
[CPSCLD-A2]

Term	Course	Credits	Grade	Title
SP21	CPSC 121	4.0	B	INTRO TO PROGR CONCEPTS IN C+ FullColl: CSCI 123 F

+ LOWER DIVISION CORE COURSES - B (3 UNITS) [CPSCLDB]
A C- OR BETTER GRADE IS REQUIRED IN THESE COURSES.

Term	Course	Credits	Grade	Title
SP24	CPSC 223J	4.0	A	JAVA PROGRAMMING I FullColl: CIS 226 F

- CPSC LOWER DIVISION CORE - C
(9 UNITS) [CPSCLDCC]

Term	Course	Credits	Grade	Title
FA22	CPSC 131	0.0	D	>D DATA STRUCTURES IN C++ FullColl: CSCI 133 F
FA23	CPSC 131	4.0	C	RP DATA STRUCTURES IN C++ FullColl: CSCI 133 F
SP24	CPSC 240	0.0	W	COMP ORG & ASSEMBLY LANG PROG FullColl: CSCI 241 F
FA24	CPSC 253	3.0	C	Cybersecurity Fnd. and Prncp.

TAKE==> CPSC 240

>>UPPER DIVISION CORE COURSES (30 UNITS)<<

Complete sections A & B

- CPSC UPPER DIVISION CORE - A

(15 UNITS) [CPSCUD-A]

Term	Course	Credits	Grade	Title
SP25	CPSC 323	3.0	C	Compilers and Languages
FA25	CPSC 362	0.0	IP	Software Engineering

TAKE==> CPSC 362,351,335,332

- CPSC UPPER DIVISION CORE - B

(15 UNITS) [CPSCUD-B]

TAKE==> CPSC 471(FA06 or after),315,481,490,491

NO SCIENCE AND MATHEMATICS (30 UNITS)

EARNED: 27.0 UNITS

+ CPSC LOWER DIVISION MATHEMATICS REQUIREMENTS-A

(6 UNITS)[CPSCLDMATH-A]

Term	Course	Credits	Grade	Title
FA23	MATH 170A	4.0	C	RP DISCRETE MATHEMATICS FullColl: MATH 171 F
SP25	MATH 170B	3.0	B-	Mathematical Structure II

+ CPSC LOWER DIVISION MATHEMATICS REQUIREMENTS-B

(8 UNITS) [CPSCLDMATH-B]

Term	Course	Credits	Grade	Title
FA21	MATH 150A	4.0	A	CALCULUS I FullColl: MATH 151 F
SP22	MATH 150B	4.0	B	CALCULUS II FullColl: MATH 152 F

- CPSC UPPER DIVISION MATHEMATICS REQUIREMENT

(4 UNITS) [CPSCMATHUD]

Term	Course	Credits	Grade	Title
FA25	MATH 338	0.0	IP	Stat Appl to Natural Sci

TAKE==> MATH 338

- + CPSC MATH AND SCIENCE ELECTIVES
(12 UNITS)[CPSCSCIENCE]
>>> Must include at least one lab course <<

Term	Course	Credits	Grade	Title
SP22	PHYS 225	3.0	B	GENERAL PHYSICS I FullColl: PHYS 221 F
SP22	PHYS 225L	1.0	B	GENERAL PHYSICS I FullColl: PHYS 221 F
SS22	MATH 250A	4.0	B	MULTIVARIABLE CALCULUS FullColl: MATH 251 F
FA22	PHYS 226	3.0	C	GENERAL PHYSICS II FullColl: PHYS 222 F
FA22	PHYS 226L	1.0	C	GENERAL PHYSICS II FullColl: PHYS 222 F
SP23	PHYS 227	0.0	W	GENERAL PHYSICS III FullColl: PHYS 223 F
SP23	PHYS 227L	0.0	W	GENERAL PHYSICS III FullColl: PHYS 223 F

COMPUTER SCIENCE ELECTIVES (15 UNITS)

- CPSC ELECTIVES
(15 UNITS) [CPSC-ELECT]
MAXIMUM 3 UNITS OF INTERNSHIP MAY BE APPLIED TO THIS ELECTIVE AREA

Term	Course	Credits	Grade	Title
FA25	CPSC 375	0.0	IP	Intro. to Data Sci. & Big Data
TAKE==>				
	CPSC 254, 301, 349, 375, 386, 411,			
	CPSC 411A(FA23 or after), 431, 439, 440, 449,			
	CPSC 352, 454, 456, 458, 462, 463, 464, 466, 474,			
	CPSC 479, 483, 484, 485, 486, 499 EGNN 495			
	MATH 335, 340, 370 CPSC 455, 459			

GRADE POINT AVERAGE REQUIREMENTS FOR COMPUTER SCIENCE INCLUDING ALL OTHER COURSES APPLIED TOWARD THE MAJOR

- + G.P.A. OF ALL COURSES ATTEMPTED IN COMPUTER SCIENCE (INCLUDING NON-CPSC COURSES USED IN THE MAJOR)
56.0 UNITS ATTEMPTED 154.10 POINTS 2.75 GPA

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- | | |
|----|---|
| NO | UPPER-DIVISION BACCALAUREATE WRITING REQUIREMENT |
| - | COURSES: CPSC-490 and CPSC-491
(NEEDS C OR BETTER) |
| NO | GRADUATION REQUIREMENT
[GRADGOV] |
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- AMERICAN GOVERNMENT (3 UNITS)

[POLSC1]

Term	Course	Credits	Grade	Title
FA25	POSC 100	0.0	IP	American Government
TAKE==>	POSC 100	HONR 201B(FA00 or after)		

COURSES NOT SPECIFICALLY APPLIED TO ABOVE REQUIREMENTS

REMEDIAL/NONBACCALAUREATE COURSEWORK (NO DEGREE CREDIT)

Term	Course	Credits	Grade	Title
FA22	NONBA0531	0.0		SUPERVISED TUTORING: MATH FullColl: MATH N01 F

*****UNIT / GPA ADJUSTMENTS*****

>>GRADE FORGIVENESS: Transfer courses

GRADE FORGIVENESS HAS BEEN APPLIED TO THE FOLLOWING COURSES. THE GRADES AND UNITS HAVE BEEN REMOVED FROM GPA AND EARNED UNIT CALCULATIONS.

4.0 UNITS ATTEMPTED 4.00 POINTS 1.00 GPA

Term	Course	Credits	Grade	Title
SP23	MATH 170A	4.0	D >X	DISCRETE MATHEMATICS FullColl: MATH 171 F

>>GRADES AVERAGED: Transfer courses

GRADE FORGIVENESS IS NOT APPLICABLE TO THE FOLLOWING COURSES DUE TO UNIT LIMITATIONS OR ADMINISTRATIVE RESTRICTIONS.

Term	Course	Credits	Grade	Title
FA22	CPSC 131	0.0	D >D	DATA STRUCTURES IN C++ FullColl: CSCI 133 F

*****SUMMARY OF UNITS*****

NO UNIT REQUIREMENTS

- UNITS EARNED IN RESIDENCE (30 UNITS MINIMUM)

May only include from CSU Fully Online/Course Match and Upper Division GE courses from other CSU's
[Extended Education units are excluded from this total]

24.0 UNITS EARNED

+ CSUF GRADE POINT AVERAGE (2.00 MINIMUM REQUIRED)

24.0 UNITS ATTEMPTED 77.20 POINTS 3.22 GPA

- UPPER DIVISION UNITS EARNED (40 UNITS MINIMUM)

6.0 UNITS EARNED

- RESIDENCE UPPER DIVISION UNITS (24 UNITS MINIMUM)
[Extended Education units are excluded]
 - MAJOR Residence UPPER DIVISION UNITS (12 UNITS)
[Extended Education units are excluded]
 - 3.0 UNITS EARNED**
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OK TRANSFER UNIT TOTALS APPLIED TOWARD THE DEGREE
(70 UNITS MAX FROM A 2 YEAR COLLEGE;
90 UNITS MAX FROM A 4 YEAR COLLEGE OR
A COMBINATION OF A 2 YEAR AND A 4 YEAR COLLEGE)

70.0 UNITS EARNED

88.0 UNITS ATTEMPTED 286.00 POINTS 3.25 GPA

NO CUMULATIVE NUMBER OF UNITS APPLIED TOWARD THE DEGREE
THIS DEGREE REQUIRES A MINIMUM OF 120 UNITS.

EARNED: **94.0 UNITS**

OK CUMULATIVE GRADE POINT AVERAGE OF ALL ATTEMPTED UNITS
(2.00 MINIMUM REQUIRED)

112.0 UNITS ATTEMPTED 363.20 POINTS 3.24 GPA

COURSEWORK FROM FA2020 to FA2025
(Excludes Remedial/Non-baccalaureate level courses)

Transfer Courses:

Term	Course	Credits	Grade	Title
FA20	BIOLT0525	3.0	A	INTRO TO BIOTECHNOLOGY FullColl: BIOL 190 F
FA20	ENGL 101	4.0	A	COLLEGE WRITING FullColl: ENGL 100 F
FA20	HCOM 102	4.0	A	PUBLIC SPEAKING FullColl: COMM 100 F
FA20	SOCI 101	3.0	A	INTRO TO SOCIOLOGY FullColl: SOC 101 F
SP21	A3 CSU CERT	4.0	A	CRITICAL REASONING AND WRITIN FullColl: ENGL 103 F Matched As: TRSFR0527
SP21	CPSC 121	4.0	B	INTRO TO PROGR CONCEPTS IN C+ FullColl: CSCI 123 F
SP21	JAPN 101	0.0	W	ELEMENTARY JAPANESE I FullColl: JAPN 101 F
SP21	MATH 125	8.0	+B	TRIGONOMETRY ++ FullColl: MATH 141 F, 142 F
SS21	HIST 110A	3.0	A	WORLD CIVILIZATIONS TO 1550 FullColl: HIST 112 F
FA21	ANTH 102	3.0	B	CULTURAL ANTHROPOLOGY FullColl: ANTH 102 F
FA21	D6 CSU CERT	3.0	A	WESTERN CIVILIZATIONS TO 1550 FullColl: HIST 110 F Matched As: TRSFR0528
FA21	MATH 150A	4.0	A	CALCULUS I FullColl: MATH 151 F
FA21	MUS 100	3.0	A	MUSIC APPRECIATION FullColl: MUS 116 F
SP22	GEOG 110	3.0	A	PHYSICAL GEOGRAPHY FullColl: GEOG 102 F
SP22	MATH 150B	4.0	B	CALCULUS II FullColl: MATH 152 F
SP22	PHYS 225	3.0	B	GENERAL PHYSICS I FullColl: PHYS 221 F
SP22	PHYS 225L	1.0	B	GENERAL PHYSICS I FullColl: PHYS 221 F
SS22	MATH 250A	4.0	B	MULTIVARIABLE CALCULUS FullColl: MATH 251 F
FA22	B4 CSU CERT	4.0	B	LINEAR ALGEBRA AND DIFF EQUAT FullColl: MATH 252 F Matched As: MATHT0529
FA22	CPSC 131	0.0	D	>D DATA STRUCTURES IN C++ FullColl: CSCI 133 F
FA22	PHYS 226	3.0	C	GENERAL PHYSICS II FullColl: PHYS 222 F
FA22	PHYS 226L	1.0	C	GENERAL PHYSICS II FullColl: PHYS 222 F
SP23	CPSC 223C	0.0	W	C LANGUAGE FOR MATH AND SCIEN FullColl: CSCI 223 F
SP23	MATH 170A	4.0	D	>X DISCRETE MATHEMATICS FullColl: MATH 171 F
SP23	PHYS 227	0.0	W	GENERAL PHYSICS III FullColl: PHYS 223 F
SP23	PHYS 227L	0.0	W	GENERAL PHYSICS III FullColl: PHYS 223 F
FA23	CPSC 131	4.0	C	RP DATA STRUCTURES IN C++ FullColl: CSCI 133 F
FA23	MATH 170A	4.0	C	RP DISCRETE MATHEMATICS FullColl: MATH 171 F
SP24	B2 CSU CERT	3.0	B	HUMAN BIOLOGY FullColl: BIOL 102 F Matched As: TRSFR0524
SP24	CPSC 223J	4.0	A	JAVA PROGRAMMING I FullColl: CIS 226 F
SP24	CPSC 240	0.0	W	COMP ORG & ASSEMBLY LANG PROG FullColl: CSCI 241 F
SP24	JAPN 101	0.0	W	ELEMENTARY JAPANESE I FullColl: JAPN 101 F

FA2024

12.0 UNITS EARNED

3.43 GPA

Term	Course	Credits	Grade	Title
FA24		GOOD STANDING		
FA24	ANTH 311	3.0	A	Culture and Communication
FA24	CPSC 253	3.0	C	Cybersecurity Fnd. and Prncp.
FA24	JAPN 101	3.0	A-	Fundamental Japanese - A
FA24	LING 102	3.0	A	Languages of the World

SP2025

12.0 UNITS EARNED

3.01 GPA

Term	Course	Credits	Grade	Title
SP25		GOOD STANDING		
SP25	CPSC 120A	2.0	B	Intro to Programming Lecture
SP25	CPSC 120L	1.0	A	Intro to Programming Lab
SP25	CPSC 323	3.0	C	Compilers and Languages
SP25	HIST 180	3.0	A	Survey of American Hist
SP25	MATH 170B	3.0	B-	Mathematical Structure II

FA2025

Term	Course	Credits	Grade	Title
FA25	CPSC 362	0.0	IP	Software Engineering
FA25	CPSC 375	0.0	IP	Intro. to Data Sci. & Big Data
FA25	MATH 338	0.0	IP	Stat Appl to Natural Sci
FA25	POSC 100	0.0	IP	American Government

*****END OF ANALYSIS*****