University of Illinois Chicago
College of Engineering

Student UIN:	656285890
Student Name:	Kiefer, Aiden James
Program:	0112 BS: Computer Science
Catalog Year:	202208
Prepared On:	01/14/2026 02:49 PM

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At Least One Requirement Has Not Been Met

This degree audit is made available for advising purposes only. It is highly recommended, as well as your responsibility, to meet with a college and/or departmental advisor once a semester to review your progress towards a degree.

Consult the UIC undergraduate catalog for additional graduation requirements and policies.

Final confirmation of degree requirements is subject to college approval. A degree audit is not an official document. Please report any errors to an academic advisor in your college/department.

This student has transfer work:

Credit for transfer work is either applied as direct equivalents with university courses or applied to the degree in a manner determined by the department and college. The precise amount of transfer credit awarded and that is applicable toward a particular degree is determined by the UIC college and department concerned.

College of Engineering:
Courses equivalent to 300- and 400-level courses in ABET accredited engineering or computer science majors can be transferred only from other ABET-accredited engineering or computer science programs. This limits the application of credits from 2-year colleges, U.S. vocational or technology programs, and overseas programs to UIC lower-division (100- and 200-level) courses.

Transfer courses not awarded credit toward the degree:

All transferable courses must have a grade of C or better in order to be considered for credit toward a degree in the College of Engineering.

WS21	COMM 100	0.00	F	>D	HARPER : SPE 101 Fund of Speech Commun

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Transfer courses not awarded credit toward this degree as determined by the College of Engineering:

To petition for credit within the College of Engineering send syllabi for SYL REQ-ENGR courses directly to the college using the following link and form for the Transfer Articulation Petition:
Petition

WS21	BIOLOGY	3.00	B	HARPER : BIO 103 Man and Environment
FA21	IT 202	3.00	B	HARPER : WEB 150 Web Development
FA21	MUSIC	3.00	A	HARPER : MUS 102 Intro Elect/Computer Music
FA21	PHOTOGRAPHY	3.00	C	HARPER : ART 250 Digital Photography Studio
WS22	NATWRLD LECLAB	4.00	WA	HARPER : GEG 111,112

The following UIC courses are not applicable toward this degree in the College of Engineering.

UIC courses not awarded credit toward the degree as determined by the College of Engineering:

WS25	ENGR 100	1.00	S*	Engineering Success Seminar

UIC courses with W grades and do not apply to the degree:

SU24	CS 361	0.00	W	Systems Programming

UIC Degree Requirements

University Writing Requirement
Complete Academic Writing I and II
Six hours required

EARNED: 6.00 HOURS

Academic Writing I

WS23	ENGL 160	3.00	B	Academic Writing I
FA23	ENGL 161	3.00	A	Academic Writing II

Math Requirement - CS Major
11 hours required

EARNED: 11.00 HOURS

1) Three courses required

FA22	MATH 180	4.00	B	Calculus I
WS23	MATH 181	4.00	C	Calculus II
FA23	MATH 210	3.00	C	Calculus III

Math Electives - CS Major
Nine hours required

1) One course from the following:

WS24	IE 342	3.00	C	Probability & Stat for Engr

2) Two additional courses from the following.
Students who take IE 342 will not receive credit for STAT 381 or 401.

FA23	MATH 310	3.00	C	Applied Linear Algebra PROCESSED AS: MATH 218
WS24	MATH 220	3.00	D	Differential Equations I

Science Electives - CS Major
Ten hours required
Two courses are required from the list below. If additional hours are necessary to complete the ten required hours, courses may be selected from other courses on this list, courses that have any of these courses as prerequisites, or other science and quantitative social science courses from a list maintained by the Computer Science department. Please note that students may take the following: CHEM 122 and 123 OR CHEM 116; CHEM 124 and 125 OR CHEM 118.

EARNED: 12.00 HOURS

SU23	BIOS 120	4.00	B	Populations & Communities

SU24	EAES 101	4.00	C	Global Environmental Change
WS25	PHYS 112	4.00	B	Astronomy and Universe
				Matched as: CS SCIELEC

Engineering Courses - CS Major
42 hours required
Students who complete the requirements below but fall short of the total required hours should take additional hours of technical electives to make up the deficit.

EARNED: 43.00 HOURS

1) Engineering Orientation
One course required

FA22	ENGR 100	0.00	U	CS ENGR Orientation-no Fresh
WS23	ENGR 100	0.00	U	Engineering Orientation
WS25	ENGR 100	1.00	S*	Engineering Success Seminar

2) 100-200 Level CS Courses
Five courses required

FA22	CS 111	3.00	A	Program Design I
WS23	CS 141	3.00	B	Program Design II
WS23	CS 151	3.00	B	Foundations of Computing
FA23	CS 211	3.00	C	Programming Practicum
FA23	CS 251	4.00	B	Data Structures

3) 200-300 Level CS Courses
Three courses required

FA24	CS 261	4.00	B	Machine Organization
WS25	CS 362	4.00	D	Computer Design
FA25	CS 361	4.00	D	Systems Programming

4) 300/400 Level CS Courses
Five courses required

WS24	CS 342	3.00	B	Software Design
FA24	CS 341	3.00	C	Programming Language Concepts
FA24	CS 377	3.00	A	Ethical Issues in Computing
FA24	CS 301	3.00	B	Languages and Automata

Select from: CS 461

5) Computer Algorithms
One course required

SU24	CS 401	3.00	B	Computer Algorithms I

6) Professional Development Seminar
One course required

FA25	CS 499	0.00	S	Prof. Development Seminar

7) Additional courses included in the Major GPA

Note: Grades of NC appearing here are not included in the Major GPA

FA22	ENGR 100	0.00	U	CS ENGR Orientation-no Fresh
WS23	ENGR 100	0.00	U	Engineering Orientation
WS24	CS 261	0.00	F	>D Machine Organization
WS25	CS 361	0.00	F	>D Systems Programming

Technical Electives - CS Major
15 hours required
No more than one course from outside the CS department can meet the technical elective requirement. CS 398 requires submission of appropriate documentation to the College office to qualify for this requirement.

EARNED: 15.00 HOURS

SU25	CS 412	3.00	C	Intro to Machine Learning
SU25	CS 418	3.00	A	Introduction to Data Science
SU25	CS 480	3.00	C	Database Systems
FA25	CS 411	3.00	B	Artificial Intelligence I
FA25	CS 422	3.00	B	User Interface Design
FA25	CS 440	3.00	A	Software Engr I

Major GPA
2.0 required

78.00 ATTEMPTED HOURS	182.00 POINTS	2.33 GPA

FA22	ENGR 100	0.00	U		CS ENGR Orientation-no Fresh
FA22	CS 111	3.00	A		Program Design I
WS23	ENGR 100	0.00	U		Engineering Orientation
WS23	CS 141	3.00	B		Program Design II
WS23	CS 151	3.00	B		Foundations of Computing
FA23	MATH 310	3.00	C		Applied Linear Algebra PROCESSED AS: MATH 218
FA23	CS 211	3.00	C		Programming Practicum
FA23	CS 251	4.00	B		Data Structures
WS24	CS 342	3.00	B		Software Design
WS24	IE 342	3.00	C		Probability & Stat for Engr
WS24	CS 261	0.00	F	>D	Machine Organization
WS24	MATH 220	3.00	D		Differential Equations I
SU24	CS 401	3.00	B		Computer Algorithms I
FA24	CS 341	3.00	C		Programming Language Concepts
FA24	CS 377	3.00	A		Ethical Issues in Computing
FA24	CS 261	4.00	B		Machine Organization
FA24	CS 301	3.00	B		Languages and Automata
WS25	CS 361	0.00	F	>D	Systems Programming
WS25	CS 362	4.00	D		Computer Design
SU25	CS 412	3.00	C		Intro to Machine Learning
SU25	CS 418	3.00	A		Introduction to Data Science
SU25	CS 480	3.00	C		Database Systems
FA25	CS 411	3.00	B		Artificial Intelligence I
FA25	CS 422	3.00	B		User Interface Design
FA25	CS 440	3.00	A		Software Engr I
FA25	CS 499	0.00	S		Prof. Development Seminar
FA25	CS 361	4.00	D		Systems Programming

No Deficit Points are reported when your major GPA is 2.0 or higher

General Education Requirements

To complete the general education requirements, a minimum of 24 semester hours of credit is required and must include one course in each of the six categories. If a course is listed in more than one category, that course may only fulfill the requirement in one category. Up to two courses in the major may apply toward general education. With a double major, two courses from each major may apply toward general education.

For a complete listing of approved courses, visit: http://catalog.uic.edu/ucat/degree-programs/general-education/.

Analyzing the Natural World

Three courses required

Any of the following math and science courses apply toward the campus Analyzing the Natural World requirement: BIOS 110, BIOS 120, CHEM 122 & 123, CHEM 124 & 125, CHEM 116, CHEM 118, EAES 101, EAES 111, MATH 180, MATH 181, MATH 210, PHYS 141, and PHYS 142.

FA22	MATH 180	4.00	B	Calculus I
WS23	MATH 181	4.00	C	Calculus II
SU23	BIOS 120	4.00	B	Populations & Communities

Understanding the Past

FA22	MUS 114	3.00	C	Jazz History

Exploring World Cultures

WS24	HN 202	2.00	A	Culture and Food

Understanding the Individual and Society

SU21	COMM 100	3.00	A	HARPER : SPE 101 Fund of Speech Commun

Understanding U.S. Society

SU21	ECON 121	3.00	A	HARPER : ECO 212 Macroeconomics

Understanding the Creative Arts

WS21	CREATIVE ARTS	3.00	B	HARPER : MUS 104 Intro to American Mus

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Additional General Education Electives
Six hours required in courses from the humanities, social sciences, or arts

EARNED: 6.00 HOURS

Eligible courses include (1) any course from the campus general education lists Understanding the Past, Exploring World Cultures, Understanding the Individual and Society, Understanding U.S. Society, and Understanding the Creative Arts; (2) any course for which either a course in (1) above or ENGL 161 is a prerequisite; (3) all courses in foreign languages; and (4) courses in the College of Architecture, Design & the Arts with some exceptions. See your advisor for specific information.

SU21	CREATIVE ARTS	3.00	A	HARPER : ART 105 Intro To Visual Art
WS22	CREATIVE ARTS	3.00	A	HARPER : ARC 125 Chicagos Architechural Histor

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Free Electives - CS Major
14 hours may be required to complete 128 Degree Hours

EARNED: 11.00 HOURS

WS17	SPAN 104	4.00	C	HARPER : SPA 202 Intermediate Spanish Matched as: FREE ELECTIVE
WS22	MUS 107	3.00	A	HARPER : MUS 101 Fund of Mus Theory
FA22	DES 160	4.00	B	Design Photography Matched as: FREE ELECTIVE

Total Degree Hours
128 hours required
NOTE: You must complete any indicated shortages in each requirement category on this report; your remaining hours may be more than the minimum hours indicated below.

EARNED: 130.00 HOURS

WS17	SPAN 104	4.00	C	HARPER : SPA 202 Intermediate Spanish
WS21	CREATIVE ARTS	3.00	B	HARPER : MUS 104 Intro to American Mus
SU21	COMM 100	3.00	A	HARPER : SPE 101 Fund of Speech Commun
SU21	CREATIVE ARTS	3.00	A	HARPER : ART 105 Intro To Visual Art
SU21	ECON 121	3.00	A	HARPER : ECO 212 Macroeconomics
WS22	CREATIVE ARTS	3.00	A	HARPER : ARC 125 Chicagos Architechural Histor
WS22	MUS 107	3.00	A	HARPER : MUS 101 Fund of Mus Theory
FA22	MUS 114	3.00	C	Jazz History
FA22	CS 111	3.00	A	Program Design I
FA22	DES 160	4.00	B	Design Photography
FA22	MATH 180	4.00	B	Calculus I
WS23	ENGL 160	3.00	B	Academic Writing I
WS23	CS 141	3.00	B	Program Design II
WS23	CS 151	3.00	B	Foundations of Computing
WS23	MATH 181	4.00	C	Calculus II
SU23	BIOS 120	4.00	B	Populations & Communities
FA23	ENGL 161	3.00	A	Academic Writing II
FA23	MATH 310	3.00	C	Applied Linear Algebra PROCESSED AS: MATH 218
FA23	CS 211	3.00	C	Programming Practicum
FA23	CS 251	4.00	B	Data Structures
FA23	MATH 210	3.00	C	Calculus III

WS24	CS 342	3.00	B		Software Design
WS24	HN 202	2.00	A		Culture and Food
WS24	IE 342	3.00	C		Probability & Stat for Engr
WS24	CS 261	0.00	F	>D	Machine Organization
WS24	MATH 220	3.00	D		Differential Equations I
SU24	CS 401	2.00	B	>S	Computer Algorithms I
SU24	CS 401	1.00	B	>S	Computer Algorithms I
SU24	EAES 101	4.00	C		Global Environmental Change
FA24	CS 341	3.00	C		Programming Language Concepts
FA24	CS 377	3.00	A		Ethical Issues in Computing
FA24	CS 261	4.00	B		Machine Organization
FA24	CS 301	3.00	B		Languages and Automata
WS25	CS 361	0.00	F	>D	Systems Programming
WS25	CS 362	4.00	D		Computer Design
WS25	PHYS 112	4.00	B		Astronomy and Universe
SU25	CS 412	3.00	C		Intro to Machine Learning
SU25	CS 418	3.00	A		Introduction to Data Science
SU25	CS 480	3.00	C		Database Systems
FA25	CS 411	3.00	B		Artificial Intelligence I
FA25	CS 422	3.00	B		User Interface Design
FA25	CS 440	3.00	A		Software Engr I
FA25	CS 499	0.00	S		Prof. Development Seminar
FA25	CS 361	4.00	D		Systems Programming

Enrollment Residence Requirement
Your last 30 hours of course work must be completed at UIC.

1) (30.00 HOURS TAKEN)

60 Hours Required from Four Year Institutions

FA22	MUS 114	3.00	C		Jazz History
FA22	CS 111	3.00	A		Program Design I
FA22	DES 160	4.00	B		Design Photography
FA22	MATH 180	4.00	B		Calculus I
WS23	ENGL 160	3.00	B		Academic Writing I
WS23	CS 141	3.00	B		Program Design II
WS23	CS 151	3.00	B		Foundations of Computing
WS23	MATH 181	4.00	C		Calculus II
SU23	BIOS 120	4.00	B		Populations & Communities
FA23	ENGL 161	3.00	A		Academic Writing II
FA23	MATH 310	3.00	C		Applied Linear Algebra PROCESSED AS: MATH 218
FA23	CS 211	3.00	C		Programming Practicum
FA23	CS 251	4.00	B		Data Structures
FA23	MATH 210	3.00	C		Calculus III
WS24	CS 342	3.00	B		Software Design
WS24	HN 202	2.00	A		Culture and Food
WS24	IE 342	3.00	C		Probability & Stat for Engr
WS24	MATH 220	3.00	D		Differential Equations I
SU24	CS 401	2.00	B	>S	Computer Algorithms I

Total GPA

UIC GPA
2.0 required

116.00 ATTEMPTED HOURS 287.00 POINTS 2.47 GPA

Transfer GPA

41.00 ATTEMPTED HOURS 126.00 POINTS 3.07 GPA

UIC + Transfer GPA
2.0 is required

157.00 ATTEMPTED HOURS 413.00 POINTS 2.63 GPA

No Deficit Points are reported when your cumulative GPA is 2.0 or higher

ALL COURSES

EARNED: 147.00 HOURS

WS2017

(4.00 HOURS TAKEN) 2.00 GPA

WS17	SPAN 104	4.00	C		HARPER : SPA 202 Intermediate Spanish

WS2021

(6.00 HOURS TAKEN) 2.00 GPA

WS21	BIOLOGY	3.00	B		HARPER : BIO 103 Man and Environment
WS21	COMM 100	0.00	F	>D	HARPER : SPE 101 Fund of Speech Commun
WS21	CREATIVE ARTS	3.00	B		HARPER : MUS 104 Intro to American Mus

SU2021

(9.00 HOURS TAKEN) 4.00 GPA

SU21	COMM 100	3.00	A		HARPER : SPE 101 Fund of Speech Commun
SU21	CREATIVE ARTS	3.00	A		HARPER : ART 105 Intro To Visual Art
SU21	ECON 121	3.00	A		HARPER : ECO 212 Macroeconomics

FA2021

(9.00 HOURS TAKEN) 3.00 GPA

FA21	IT 202	3.00	B		HARPER : WEB 150 Web Development
FA21	MUSIC	3.00	A		HARPER : MUS 102 Intro Elect/Computer Music
FA21	PHOTOGRAPHY	3.00	C		HARPER : ART 250 Digital Photography Studio

WS2022

(10.00 HOURS TAKEN) 3.70 GPA

WS22	CREATIVE ARTS	3.00	A		HARPER : ARC 125 Chicagos Architechural Histor
WS22	MUS 107	3.00	A		HARPER : MUS 101 Fund of Mus Theory
WS22	NATWRLD LECLAB	4.00	WA		HARPER : GEG 111,112

FA2022

(14.00 HOURS TAKEN) 3.00 GPA

FA22	CS 111	3.00	A		Program Design I
FA22	DES 160	4.00	B		Design Photography
FA22	ENGR 100	0.00	U		CS ENGR Orientation-no Fresh
FA22	MATH 180	4.00	B		Calculus I
FA22	MUS 114	3.00	C		Jazz History

WS2023

(13.00 HOURS TAKEN) 2.69 GPA

WS23	CS 141	3.00	B		Program Design II
WS23	CS 151	3.00	B		Foundations of Computing
WS23	ENGL 160	3.00	B		Academic Writing I
WS23	ENGR 100	0.00	U		Engineering Orientation
WS23	MATH 181	4.00	C		Calculus II

SU2023

(4.00 HOURS TAKEN) 3.00 GPA

SU23	BIOS 120	4.00	B		Populations & Communities

FA2023

(16.00 HOURS TAKEN) 2.62 GPA

FA23	CS 211	3.00	C		Programming Practicum
FA23	CS 251	4.00	B		Data Structures
FA23	ENGL 161	3.00	A		Academic Writing II
FA23	MATH 210	3.00	C		Calculus III
FA23	MATH 310	3.00	C		Applied Linear Algebra PROCESSED AS: MATH 218

WS2024

(11.00 HOURS TAKEN) 1.73 GPA

WS24	CS 261	0.00	F	>D	Machine Organization
WS24	CS 342	3.00	B		Software Design
WS24	HN 202	2.00	A		Culture and Food
WS24	IE 342	3.00	C		Probability & Stat for Engr
WS24	MATH 220	3.00	D		Differential Equations I

SU2024

(7.00 HOURS TAKEN) 2.42 GPA

SU24	CS 361	0.00	W		Systems Programming
SU24	CS 401	3.00	B		Computer Algorithms I
SU24	EAES 101	4.00	C		Global Environmental Change

FA2024

(13.00 HOURS TAKEN) 3.00 GPA

FA24	CS 261	4.00	B		Machine Organization
FA24	CS 301	3.00	B		Languages and Automata
FA24	CS 341	3.00	C		Programming Language Concepts
FA24	CS 377	3.00	A		Ethical Issues in Computing

WS2025

(9.00 HOURS TAKEN) 1.33 GPA

WS25	CS 361	0.00	F	>D	Systems Programming
WS25	CS 362	4.00	D		Computer Design
WS25	ENGR 100	1.00	S*		Engineering Success Seminar
WS25	PHYS 112	4.00	B		Astronomy and Universe

SU2025

(9.00 HOURS TAKEN) 2.66 GPA

SU25	CS 412	3.00	C		Intro to Machine Learning
SU25	CS 418	3.00	A		Introduction to Data Science
SU25	CS 480	3.00	C		Database Systems

FA2025

(13.00 HOURS TAKEN) 2.61 GPA

FA25	CS 361	4.00	D		Systems Programming
FA25	CS 411	3.00	B		Artificial Intelligence I
FA25	CS 422	3.00	B		User Interface Design
FA25	CS 440	3.00	A		Software Engr I
FA25	CS 499	0.00	S		Prof. Development Seminar

EXCEPTION SUMMARY - FOR INTERNAL USE ONLY

CB DES 160	*YT=*	*RCRSE=FREE ELECTIVE*	*AC=*	*RC=*
CB PHYS 112	*YT=*	*RCRSE=CS SCIELEC*	*AC=*	*RC=*
CB SPAN 104	*YT=*	*RCRSE=FREE ELECTIVE*	*AC=*	*RC=*
