

Prepared: 11/04/23 - 13:45 9084304261  
Sethuram Thenmozhi, NIKHIL Catalog Year: 20231  
Program Code: BS 229 Alternate Catalog Year: 20232  
DEGREE AUDIT REPORTING SYSTEM (DARS)  
COLLEGE of LETTERS & SCIENCE - Bachelor of Science (B.S.)  
COMPUTER SCIENCES major

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Server: 4.5.4.2, SDL: 1.8.15 oneOff  
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This audit was run using values not reflected in your current status. Parameters used when submitting this audit request:

Honors Processing: Keep current status

Courses Used: Through current but not future terms.  
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CL/YR: BS 2

MAJOR: 12/26/22 229 Comp Sci

ADVISORS: Wanger, Allison

HS UNITS:

LANG: OTH 4.0

MATH: ALG 1.0 GEO 1.0 ADV 2.0

ADVANCED STANDING CREDITS

DATE	TYPE	DEG	CRSE
08/29/22	CEEB	12	12
05/15/23	TRAN	3	3
**TOTALS**		15	15

Admit Type: FYR

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-----> AT LEAST ONE REQUIREMENT HAS NOT BEEN SATISFIED <-----  
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For more information about undergraduate L&S programs see:

[L&S GUIDE](#)

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COURSES currently IN-PROGRESS

IN-PROGRESS 17.00 CREDITS

IP Fall 2023 (FA23)

17.00 CREDITS ADDED

FA23 COMP SCI320	4.00	INP	Data Sci Programming II
FA23 ENTOM 201	3.00	INP	Insects and Human Culture
FA23 FRENCH 2110	3.00	INP	Exploring Montreal and Quebec
FA23 MATH 240	3.00	INP	Intro to Discrete Mathematics
FA23 STAT 240	4.00	INP	Data Science Modeling I

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OK University GENERAL EDUCATION: Breadth

+ 1) Natural Science - 6 credits and 2 courses

FA22 COMP SCI200 3.00 T Programming I

FA22 MATH 221 5.00 T Calculus&Analytic Geometry 1

IP+ 2) Humanities/Literature/Arts

SP23 ASIAN 268 3.00 A Tibetan Cultures & Traditions

FA23 FRENCH 2110 3.00 INP Exploring Montreal and Quebec

+ 3) Social Studies

FA22 AFROAMER231 3.00 A Intro to Afro-Am History  
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NO University GENERAL EDUCATION: Communication

+ 1) Communication A

FA22 ENGL 100 3.00 A Intro to College Composition

- 2) Communication B

NEEDS: 2.00 CREDITS 1 GROUP  
SELECT FROM: COURSE [with Gen-Ed code of 'b']

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OK University GENERAL EDUCATION: Quantitative Reasoning

+ 1) Quantitative Reasoning A met by Math Placement score

+ 2) Quantitative Reasoning B  
FA22 COMP SCI200 3.00 T Programming I

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OK University GENERAL EDUCATION: Ethnic Studies

+ Ethnic Studies  
FA22 AFROAMER231 3.00 A Intro to Afro-Am History

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OK MATHEMATICS for the B.S.  
IP EARNED: 3 COURSES

I/A MATH

FA22 MATH 221 5.00 T Calculus&Analytic Geometry 1  
FA22 MATH 222 4.00 T Calculus&Analytic Geometry 2

I/A COMP SCI (a maximum 1 course may apply)  
FA22 COMP SCI300 3.00 A Programming II

IP I/A STAT (a maximum 1 course may apply)  
FA23 STAT 240 4.00 INP Data Science Modeling I

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OK FOREIGN LANGUAGE requirement  
Complete the 3rd unit of a Foreign Language  
+ OTHER 003 0.00 HS OTHER

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NO BREADTH in the DEGREE: Humanities  
EARNED: 3.00 CREDITS  
IN-PROGRESS 3.00 CREDITS  
--> NEEDS: 6.00 CREDITS

IP- 1) Literature  
3.00 CREDITS ADDED  
FA23 FRENCH 2110 3.00 INP Exploring Montreal and Quebec  
NEEDS: 3.00 CREDITS  
SELECT FROM: COURSES W/ 'Literature' Breadth

Add'I Humanities - only 6 cr. may count toward 12 req.  
3.00 CREDITS ADDED

SP23 ASIAN 268 3.00 A Tibetan Cultures & Traditions  
SELECT FROM: COURSES W/ 'Humanities' Breadth

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NO BREADTH in the DEGREE: Social Sciences  
EARNED: 9.00 CREDITS  
--> NEEDS: 3.00 CREDITS

FA22 AFROAMER231 3.00 A Intro to Afro-Am History  
SP23 ANTHRO 212 3.00 A Principles of Archaeology  
SU23 ECON 100 3.00 T Econ Approach Current Issues

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NO BREADTH in the DEGREE: Natural Sciences  
EARNED: 3.00 CREDITS  
IN-PROGRESS 3.00 CREDITS  
--> NEEDS: 6.00 CREDITS

IP+ 1) Biological Science  
6.00 CREDITS ADDED  
SP23 ANTHRO 105 3.00 A Principles - Biological Anthr  
FA23 ENTOM 201 3.00 INP Insects and Human Culture

- 2) Physical Science  
NEEDS: 6.00 CREDITS  
SELECT FROM: COURSES W/ 'Physical Science' Breadth

\*\*\*\*\* ATTENTION \*\*\*\*\*

This AUDIT was recently revised. While every attempt was made to ensure that it is accurate and improves upon the prior audit, some students may notice differences in the results.

Please consult the adviser for this program for information about these changes. Thank you for your attention.

\*\*\*\*\* ATTENTION \*\*\*\*\*

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COMPUTER SCIENCES - Admission to the Major

\*\* Information only; admission authorized by major office

+ 1) Introductory Computer Science & Math

3.00 GPA CRED. EARNED 12.00 POINTS 4.000 GPA

FA22 MATH 222 4.00 T Calculus&Analytic Geometry 2

FA22 COMP SCI300 3.00 A Programming II

NEEDS: 2.250 GPA

+ 2) Grade of BC in Introductory Programming Course

3.833 GPA

FA22 COMP SCI300 3.00 A Programming II

SP23 COMP SCI354 3.00 AB Machine Organizatn&Progrmng

SP23 COMP SCI400 3.00 A Programming III

IP+ 3) GPA for Advising

Add'l Coursework to meet GPA Declaration minimum

9.00 GPA CRED. EARNED 34.50 POINTS 3.833 GPA

FA22 MATH 222 4.00 T Calculus&Analytic Geometry 2

FA22 COMP SCI300 3.00 A Programming II

SP23 COMP SCI354 3.00 AB Machine Organizatn&Progrmng

SP23 COMP SCI400 3.00 A Programming III

FA23 MATH 240 3.00 INP Intro to Discrete Mathematics

NEEDS: 2.250 GPA

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OK MAJOR DECLARED - Computer Sciences (229)

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NO COMPUTER SCIENCES major

\*\* For majors declared Fall 2017 and later

EARNED: 24.00 CREDITS

IN-PROGRESS 3.00 CREDITS

+ 1) Basic Computer Science

FA22 COMP SCI300 3.00 A Programming II

SP23 COMP SCI400 3.00 A Programming III

IP+ 2) Basic Computer Science

FA22 COMP SCI252 3.00 A Intro to Computer Engineering

SP23 COMP SCI354 3.00 AB Machine Organizatn&Progrmng

FA23 MATH 240 3.00 INP Intro to Discrete Mathematics

+ 3) Basic Calculus

FA22 MATH 221 5.00 T Calculus&Analytic Geometry 1

FA22 MATH 222 4.00 T Calculus&Analytic Geometry 2

- 4) Mathematics beyond Basic Calculus

FA22 MATH 340 3.00 A Elem Matrix & Linear Algebra

NEEDS: 3.00 CREDITS

SELECT FROM: COMP SCI 412,435,513,514,525,526 MATH 234,

MATH 320,375,320,340,341,309,319,320,321,322,331,

MATH 376,431,443,461,475,521,541,542,567,571

STAT 309,310,311,312,324 E C E 331

- 5) Theory of Computer Science

NEEDS: 1 COURSE

SELECT FROM: COMP SCI 577,520

- 6) Software & Hardware  
NEEDS: 2 COURSES  
SELECT FROM: COMP SCI 407,506,536 OR 538,537,542,544,552,  
COMP SCI 564,640,642
- 7) Applications  
NEEDS: 1 COURSE  
SELECT FROM: COMP SCI 412,425,513,514,524,525,534,540,  
COMP SCI 545,559,566,570,571
- 8) Electives  
NEEDS: 2 COURSES  
NOT FROM COMP SCI 402,550,681,682,691 TO 699  
SELECT FROM: COMP SCI 407,412,425,435,471,475,506,513,  
COMP SCI 514,518,520,524,525,526,532,533,534,536,  
COMP SCI 537,538,539,540,542,545,552,558,559,561 OR  
E C E 561 COMP SCI 564,567,570,571,576,577,579,635,  
COMP SCI 639,640,642

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NO COMPUTER SCIENCES major - RESIDENCE & QUALITY of WORK

IP+ 1) 2.000 GPA in all MAJOR/SUBJECT courses

15.00 GPA CRED. EARNED 58.50 POINTS 3.900 GPA  
FA22 COMP SCI252 3.00 A Intro to Computer Engineering  
FA22 COMP SCI300 3.00 A Programming II  
FA22 MATH 340 3.00 A Elem Matrix & Linear Algebra  
SP23 COMP SCI354 3.00 AB Machine Organizatn&Progrmnng  
SP23 COMP SCI400 3.00 A Programming III  
FA23 COMP SCI320 4.00 INP Data Sci Programming II  
FA23 MATH 240 3.00 INP Intro to Discrete Mathematics

- 2) 2.000 GPA on 15 UPPER LEVEL Major credits in RESIDENCE

3.00 GPA CRED. EARNED 12.00 POINTS 4.000 GPA  
SP23 COMP SCI400 3.00 A Programming III

IP+ 3) 15 credits IN THE MAJOR Subject, taken ON CAMPUS  
( 19.00 CREDITS TAKEN)

FA22 COMP SCI252 3.00 A Intro to Computer Engineering  
FA22 COMP SCI300 3.00 A Programming II  
SP23 COMP SCI354 3.00 AB Machine Organizatn&Progrmnng  
SP23 COMP SCI400 3.00 A Programming III  
FA23 COMP SCI320 4.00 INP Data Sci Programming II  
FA23 MATH 240 3.00 INP Intro to Discrete Mathematics

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NO INTERMEDIATE/ADVANCED LAS credits

EARNED: 21.00 CREDITS

IN-PROGRESS 11.00 CREDITS

--> NEEDS: 28.00 CREDITS

IP Intermediate/Advanced Level work required in the degree

FA22 COMP SCI300 3.00 A Programming II  
FA23 COMP SCI320 4.00 INP Data Sci Programming II  
SP23 COMP SCI354 3.00 AB Machine Organizatn&Progrmnng  
SP23 COMP SCI400 3.00 A Programming III  
FA22 MATH 221 5.00 T Calculus&Analytic Geometry 1  
FA22 MATH 222 4.00 T Calculus&Analytic Geometry 2  
FA23 MATH 240 3.00 INP Intro to Discrete Mathematics  
FA22 MATH 340 3.00 A Elem Matrix & Linear Algebra  
FA23 STAT 240 4.00 INP Data Science Modeling I  
SELECT FROM: COURSES W/LEVEL 'Intermediate' or 'Advanced'

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ELECTIVES

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NO LIBERAL ARTS & SCIENCES (LAS) credits in the DEGREE

EARNED: 45.00 CREDITS

IN-PROGRESS 17.00 CREDITS

--> NEEDS: 46.00 CREDITS

FA22 AFROAMER231 3.00 A Intro to Afro-Am History  
 SP23 ANTHRO 105 3.00 A Principles - Biological Anthr  
 SP23 ANTHRO 212 3.00 A Principles of Archaeology  
 SP23 ASIAN 268 3.00 A Tibetan Cultures & Traditions  
 FA22 COMP SCI200 3.00 T Programming I  
 FA22 COMP SCI252 3.00 A Intro to Computer Engineering  
 FA22 COMP SCI300 3.00 A Programming II  
 FA23 COMP SCI320 4.00 INP Data Sci Programming II  
 SP23 COMP SCI354 3.00 AB Machine Organizatn&Progrmng  
 SP23 COMP SCI400 3.00 A Programming III  
 SU23 ECON 100 3.00 T Econ Approach Current Issues  
 FA22 ENGL 100 3.00 A Intro to College Composition  
 FA23 ENTOM 201 3.00 INP Insects and Human Culture  
 FA23 FRENCH 2110 3.00 INP Exploring Montreal and Quebec  
 FA22 MATH 221 5.00 T Calculus&Analytic Geometry 1  
 FA22 MATH 222 4.00 T Calculus&Analytic Geometry 2  
 FA23 MATH 240 3.00 INP Intro to Discrete Mathematics  
 FA22 MATH 340 3.00 A Elem Matrix & Linear Algebra  
 FA23 STAT 240 4.00 INP Data Science Modeling I  
 SELECT FROM: COURSES with LAS credit

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 NO TOTAL CREDITS for the DEGREE

EARNED: 45.00 CREDITS

IN-PROGRESS 17.00 CREDITS

--> NEEDS: 58.00 CREDITS

IP Resident degree credits

30.00 CREDITS ADDED

IN-P ---> 17.00 CREDITS

FA22 AFROAMER231 3.00 A Intro to Afro-Am History  
 SP23 ANTHRO 105 3.00 A Principles - Biological Anthr  
 SP23 ANTHRO 212 3.00 A Principles of Archaeology  
 SP23 ASIAN 268 3.00 A Tibetan Cultures & Traditions  
 FA22 COMP SCI252 3.00 A Intro to Computer Engineering  
 FA22 COMP SCI300 3.00 A Programming II  
 FA23 COMP SCI320 4.00 INP Data Sci Programming II  
 SP23 COMP SCI354 3.00 AB Machine Organizatn&Progrmng  
 SP23 COMP SCI400 3.00 A Programming III  
 FA22 ENGL 100 3.00 A Intro to College Composition  
 FA23 ENTOM 201 3.00 INP Insects and Human Culture  
 FA23 FRENCH 2110 3.00 INP Exploring Montreal and Quebec  
 FA23 MATH 240 3.00 INP Intro to Discrete Mathematics  
 FA22 MATH 340 3.00 A Elem Matrix & Linear Algebra  
 FA23 STAT 240 4.00 INP Data Science Modeling I

Posted transfer credits

15.00 CREDITS ADDED

FA22 COMP SCI200 3.00 T Programming I  
 SU23 ECON 100 3.00 T Econ Approach Current Issues  
 FA22 MATH 221 5.00 T Calculus&Analytic Geometry 1  
 FA22 MATH 222 4.00 T Calculus&Analytic Geometry 2

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 NO UW-MADISON Experience: Credits in RESIDENCE

IP+ 1) TOTAL RESIDENCE: 30 credits IN RESIDENCE

47.00 CREDITS ADDED

- 2) SENIOR RESIDENCE: 30 credits IN RESIDENCE, after 86

NEEDS: 30.00 CREDITS

SELECT FROM: UW MADISN courses

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 OK QUALITY of WORK in the DEGREE

IP+ 1) 2.000 University GPA

30.00 GPA CRED. EARNED 118.50 POINTS 3.950 GPA

FA22 AFROAMER231 3.00 A Intro to Afro-Am History  
 FA22 COMP SCI252 3.00 A Intro to Computer Engineering  
 FA22 COMP SCI300 3.00 A Programming II

FA22 ENGL	100	3.00	A	Intro to College Composition
FA22 MATH	340	3.00	A	Elem Matrix & Linear Algebra
SP23 ANTHRO	105	3.00	A	Principles - Biological Anthr
SP23 ANTHRO	212	3.00	A	Principles of Archaeology
SP23 ASIAN	268	3.00	A	Tibetan Cultures & Traditions
SP23 COMP SCI354	3.00	AB		Machine Organizatn&Progrmnng
SP23 COMP SCI400	3.00	A		Programming III
FA23 COMP SCI320	4.00	INP		Data Sci Programming II
FA23 ENTOM	201	3.00	INP	Insects and Human Culture
FA23 FRENCH	2110	3.00	INP	Exploring Montreal and Quebec
FA23 MATH	240	3.00	INP	Intro to Discrete Mathematics
FA23 STAT	240	4.00	INP	Data Science Modeling I

IP+ 2) 2.000 GPA in I/A LAS courses

12.00 GPA CRED. EARNED	46.50 POINTS	3.875 GPA		
FA22 COMP SCI300	3.00	A	Programming II	
FA22 MATH	340	3.00	A	Elem Matrix & Linear Algebra
SP23 COMP SCI354	3.00	AB		Machine Organizatn&Progrmnng
SP23 COMP SCI400	3.00	A		Programming III
FA23 COMP SCI320	4.00	INP		Data Sci Programming II
FA23 MATH	240	3.00	INP	Intro to Discrete Mathematics
FA23 STAT	240	4.00	INP	Data Science Modeling I

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COURSES currently IN-PROGRESS

IN-PROGRESS 17.00 CREDITS

IP Fall 2023 (FA23)

17.00 CREDITS ADDED				
FA23 COMP SCI320	4.00	INP	Data Sci Programming II	
FA23 ENTOM	201	3.00	INP	Insects and Human Culture
FA23 FRENCH	2110	3.00	INP	Exploring Montreal and Quebec
FA23 MATH	240	3.00	INP	Intro to Discrete Mathematics
FA23 STAT	240	4.00	INP	Data Science Modeling I

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INFORMATION for ADVISING

IP Degree credits in residence  
( 30.00 CREDITS TAKEN)

IN-P ---> 17.00 CREDITS

IP Intermediate (I) or Advanced (A) LAS credits  
( 32.00 CREDITS TAKEN)

FA22 MATH	221	5.00	T	Calculus&Analytic Geometry 1
FA22 MATH	222	4.00	T	Calculus&Analytic Geometry 2
FA22 COMP SCI300	3.00	A		Programming II
FA22 MATH	340	3.00	A	Elem Matrix & Linear Algebra
SP23 COMP SCI354	3.00	AB		Machine Organizatn&Progrmnng
SP23 COMP SCI400	3.00	A		Programming III
FA23 COMP SCI320	4.00	INP		Data Sci Programming II
FA23 MATH	240	3.00	INP	Intro to Discrete Mathematics
FA23 STAT	240	4.00	INP	Data Science Modeling I

IP Cross-listed courses

FA22 COMP SCI252	3.00	A	Intro to Computer Engineering	
SP23 COMP SCI354	3.00	AB	Machine Organizatn&Progrmnng	
FA23 ENTOM	201	3.00	INP	Insects and Human Culture
FA23 MATH	240	3.00	INP	Intro to Discrete Mathematics

High School Foreign Language units

OTHER	O01	0.00	HS	OTHER
OTHER	O02	0.00	HS	OTHER
OTHER	O03	0.00	HS	OTHER
OTHER	O04	0.00	HS	OTHER

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LEGEND

**\*\* COURSE SYMBOLS \*\***

>D = duplicate course - retains GPA effect  
>R = repeatable course  
>S = credit split between requirements  
>X = repeated course - no course credit or GPA effect  
(R) = required course  
(X) = original course value

**\*\* GRADE SYMBOLS \*\***

EI = extended incomplete  
CR = credit (credit/no credit courses)  
HS = high school unit  
IN = incomplete (credit/no credit courses)  
INP = in-progress course (current term)  
I = incomplete  
N = no credit (credit/no credit courses)  
NR = not reported  
NW = no work  
PL = planned course  
P = progress  
PS = mock/pseudo course  
Q = question on credits or honors  
S = satisfactory (pass/fail and audit courses)  
SD = satisfactory-disruption  
T = transfer/test/advanced standing course  
TI = transfer (in-progress)  
U = unsatisfactory (pass/fail courses)  
UD = university-disruption no-credit

**\*\* REQUIREMENT/SUB-REQUIREMENT INFORMATION \*\***

OK = requirement complete  
NO = requirement not complete  
IP = requirement uses in-progress credit/courses  
IN-P = sub-requirement uses in progress credit/courses  
PL = requirement/sub-requirement uses planned course  
R = required sub-requirement (mandatory)  
<> = optional/other requirement in OR'd set complete  
+ = sub-requirement complete  
- = sub-requirement not complete  
\* = optional sub-requirement, courses assigned  
  = optional sub-requirement, no courses assigned

**\*\* EXCEPTION SYMBOLS \*\***

AC = course approved for requirement/sub-requirement  
IC = course inserted into requirement/sub-requirement  
EC = course exchanged for specified course  
FC = course forced into requirement/sub-requirement  
CM = course modified  
CY = catalog year modified  
DC = course deleted from requirement/sub-requirement  
RM = requirement modified  
WC = waive course  
WP = waive mock/pseudo course

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**STUDENT PLEASE NOTE**

IP   DARS is the Document of Record that confirms completion  
     of L&S degree, major, and certificate requirements.  
     To be eligible for your degree, DARS must report

>>> ALL REQUIREMENTS COMPLETE PENDING FINAL REVIEW <<<

DARS assumes successful completion of all IN-PROGRESS courses. Dropping courses or earning sub-standard grades may affect your degree eligibility. All grades need to be final before your degree can be awarded.

Unless expressly prohibited, courses in this audit can be used to meet more than one requirement.

Before your last term prior to graduation, you must apply to graduate in [MyUW](#).

Consult your academic advisor to understand your DARS for more information on L&S programs and requirements and your eligibility to earn your degree.

Consult [GUIDE](#)

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#### MEMORANDA

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