

University of Oregon Degree Guide

Student: Vandecasteele, Luke J

UO Id: 951-70-3468

Reflects Academic Record as of: Feb 09, 2021 12:23 PM

Degree Program: Bachelor of Science

Catalog Term: Fall 2019

Last Complete Term: Fall 2020

Major(s): R.D. Clark Honors College, Mathematics, Computer & Information Science

Advisor(s): Scientific Discovery & Sustainability - Tykeson, Undergraduate Studies

REQUIREMENTS ARE LISTED BELOW

About Your Degree Guide

This report summarizes your academic progress toward satisfaction of University requirements. Recent grade changes, major changes, degree changes, etc. may not be reflected. Please note date and time of degree guide above.

The 180 Credits, 62 Upper Division, Residency, 168 ABCDP*, 45 ABCD and other credit requirements do not count in progress courses in the number of credits earned.

A "LEGEND" is located at the end of the degree guide.

This report is provided to assist you in course planning. Advisors and other university employees are available to help, but you have final responsibility for satisfying your degree requirements for graduation.

UNIVERSITY AND CORE EDUCATION REQUIREMENTS

NO 180 Credits

EARNED: 112.50 CREDITS

NEEDS: 67.50 CREDITS

OK 2.00 University of Oregon GPA

EARNED: 3.72 GPA

NO University Requirements

NO - 62 Upper Division Credits

Credit for courses numbered 300-499 count toward this requirement once the credit is earned.

Credit for courses numbered 000-299 are considered

Lower-Division and do not count toward this requirement.

100 or 200 level courses used to satisfy major/minor upper-division course requirements will not be counted toward this university requirement.

28.00 *CREDIT EARNED*

NEEDS: 34.00 CREDITS

NO - UO Residency Credits

After completing 120 of the required 180 credits, you must complete at least 45 credits at the University of Oregon.

NEEDS: 45.00 CREDITS

NO - 168 ABCDP* Credits

Student must earn 168 transfer or University of Oregon credits with grades of A, B, C, D, or P*. Credits earned in courses offered only pass/no pass use the P* designation.

112.50 *CREDIT EARNED*

NEEDS: 55.50 CREDITS

OK - 45 ABCD Credits at UO

57.00 *CREDIT EARNED*

NO - Cultural Literacy

=> **NO - US: Difference, Inequality, Agency**

NEEDS: 1 COURSE

=> **OK - Global Perspectives**

Term	Course	Credits	Grade	Title
16S	GEOG 142	4.00	P*	Human Geography @Advanced Placement Exam

OK

Bachelor of Science Mathematics/CIS

OK Completed With One Course

Term	Course	Credits	Grade	Title
18S	MATH 251	4.00	P*	Calculus I @Advanced Placement Exam

MAJOR(S) REQUIREMENTS

NO Clark Honors College Graduation Requirements:

Fall 2014 Curriculum

All courses taken to satisfy Clark Honors College requirements must be graded (unless P/NP is the only option); students must achieve grades of C- or higher for a course to count toward requirements.

Students are strongly urged to meet with their Clark Honors College advisors at least once each year.

Students who withdraw from Clark Honors College may be required to take additional classes to satisfy university requirements in order to graduate.

LOWER-DIVISION ARTS & LETTERS AND SOCIAL SCIENCE REQUIREMENTS

==> OK Honors College Arts & Letters (Lower Division)

8.00 CREDIT EARNED

Term	Course	Credits	Grade	Title
19F	HC 221H	4.00	A	HC Arts & Letters
20W	HC 222H	4.00	A-	HC Arts & Letters

==> NO Honors College Social Science (Lower Division)

4.00 CREDIT EARNED

Term	Course	Credits	Grade	Title
20F	HC 231H	4.00	A-	Top Peace Middle East
21W	HC 232H	0.00	?	Top Memoir Mental III

==> NO Honors College Arts & Letters
or Social Science Research

NEEDS: 1 COURSE
FROM: HC 223H, 233H

SCIENCE AND MATH REQUIREMENT

Your major/minor fulfilled this requirement.

SECOND LANGUAGE REQUIREMENT

==> Honors College Second Language Proficiency has
been waived for one of the following reasons:

1)The department requires more than 90 credits of
course work for a major leading to a B.S. degree.

---OR---

2)The student is pursuing a Bachelor of Architecture,
Bachelor of Interior Architecture, Bachelor of
Landscape Architecture, Bachelor of Music, Bachelor of
Music in Music Education, Bachelor of Education, or
Bachelor of Fine Arts.

COLLOQUIUM REQUIREMENT

==> NO One Honors College Arts & Letters Colloquium

NEEDS: 1 COURSE
FROM: HC 421H

==> NO One Honors College Social Science Colloquium

NEEDS: 1 COURSE

FROM: HC 431H

==> NO One Honors College Science Colloquium

NEEDS: 1 COURSE

FROM: HC 441H

==> NO Two Honors College Elective Colloquia

Two elective colloquia may be selected from those listed above, or students may fulfill this requirement with multicultural colloquia.

NEEDS: 2 COURSES

FROM: HC 421H [HC Arts & Letters Colloquium],
HC 431H [HC Social Science Colloquium],
HC 441H [HC Science Colloquium],
HC 434H [International Cultures (IC)],
HC 444H [American Cultures (AC)]

MULTICULTURAL/CULTURAL LITERACY REQUIREMENT

==> NO Multicultural/Cultural Literacy Requirement

Clark Honors College students are required to fulfill the University's Multicultural/Cultural Literacy Requirement which is listed in the upper portion of this degree guide.

Multicultural colloquia may be used to satisfy both a Multicultural/Cultural Literacy and an Elective Colloquia Requirement.

THESIS REQUIREMENT

==> NO Honors College Thesis Prospectus
(1 Course)

NEEDS:

1 COURSE

FROM:

HC 477H

==> NO Honors College Thesis and Defense

GRADE POINT AVERAGE REQUIREMENT

3.72 GPA

==> OK Cumulative UO GPA of at Least 3.0

Additional Honors College or Related Courses Taken:

Please see your advisor to verify whether or not any of the following courses might fulfill your remaining Honors College requirements.

(Note: A lecture course taken without its accompanying lab cannot be used to satisfy Honors College math and science requirements.)

45.00 CREDIT EARNED

Term	Course		Credits	Grade	Title
18S	CH	221	4.00	P*	General Chemistry @Advanced Placement Exam
18S	CH	222	4.00	P*	General Chemistry @Advanced Placement Exam
18S	CH	223	4.00	P*	General Chemistry @Advanced Placement Exam
20W	CIS	210	4.00	B+	Computer Science I
20S	CIS	211	4.00	A	Computer Science II
20F	CIS	212	4.00	A	Computer Science III
19F	HC	199H	1.00	P*	Sp St Whole Body Healt
18S	MATH	251	4.00	P*	Calculus I @Advanced Placement Exam
18S	MATH	252	4.00	P*	Calculus II @Advanced Placement Exam
18S	MATH	253	4.00	P*	Calculus III @Advanced Placement Exam
19F	MATH	307	4.00	A-	Introduction to Proof
19S	PSY	202	4.00	P*	Mind and Society

MATHEMATICS MAJOR

NO MATH: Major Requirements-PureTrack

NO 60 Total Credits
42.50 CREDIT EARNED**NEEDS: 17.50 CREDITS**

OK 24 Upper Division Credits
28.00 CREDIT EARNED

OK 12 Upper Division Mathematics Credits taken at UO
28.00 CREDIT EARNED

OK Calculus III
4.00 CREDIT EARNED

Term	Course	Credits	Grade	Title
18S	MATH 253	4.00	P*	Calculus III @Advanced Placement Exam

OK Multivariable Calculus
EXCEPTION MATH 281 Waived**4.50 CREDIT EARNED**

Term	Course	Credits	Grade	Title
18F	MATH 282	4.50	A	Several-Variab Calc II @University of Utah

OK Linear Algebra
8.00 CREDIT EARNED

Term	Course	Credits	Grade	Title
19F	MATH 341	4.00	A	Elem Linear Algebra
20W	MATH 342	4.00	A+	Elem Linear Algebra

NO Optional Course(s) and MathLabs
Option 1: MATH 307 and 4 MathLabs**Option 2: MATH 231-232 and 2 MathLabs****Option 3: MATH 261-262 and 2 MathLabs**

Term	Course	Credits	Grade	Title
------	--------	---------	-------	-------

20W	MATH 203	2.00	P*	Anly & Nm Theo Mth Lab
19F	MATH 307	4.00	A-	Introduction to Proof

NEEDS: 6.00 CREDITS

FROM: OPTION 1: MATH 201 ,202 ,204 ,205 ,206
 OPTION 2: MATH 231 (R),232 (R),201 ,202 ,
 MATH 203 ,204 ,205 ,206
 OPTION 3: MATH 261 (R),262 (R),201 ,202 ,
 MATH 203 ,204 ,205 ,206

NO Analysis

4.00 *CREDIT EARNED*

Term	Course	Credits	Grade	Title
20S	MATH 316	4.00	A-	Fund of Analysis I

NEEDS: 4.00 CREDITS 1 COURSE

FROM: MATH 317

NO Algebra

4.00 *CREDIT EARNED*

Term	Course	Credits	Grade	Title
20F	MATH 444	4.00	A	Intro Abstract Alg I
21W	MATH 445	0.00	?	Intro Abstract Alg II

NEEDS: 4.00 CREDITS

FROM: FUNDAMENTALS MATH 391 ,392

OK Computer Programming Course

4.00 *CREDIT EARNED*

Term	Course	Credits	Grade	Title
20W	CIS 210	4.00	B+	Computer Science I

OK Two Upper-Division Courses

8.00 *CREDIT EARNED*

Term	Course	Credits	Grade	Title
20S	MATH 441	4.00	B	Linear Algebra
20S	MATH 458	4.00	A	Intro Mth Cryptography

Additional MATH or Related Courses Taken:

Please see your advisor to verify whether or not the following courses fulfill any of your remaining Mathematics requirements.

16.00 *CREDIT EARNED*

--	--	--	--	--	--

Term	Course		Credits	Grade	Title
20S	CIS	211	4.00	A	Computer Science II
20F	CIS	212	4.00	A	Computer Science III
21W	CIS	313	0.00	?	Interm Data Structures
21W	CIS	314	0.00	?	Computer Organization
18S	MATH	251	4.00	P*	Calculus I @Advanced Placement Exam
18S	MATH	252	4.00	P*	Calculus II @Advanced Placement Exam

COMPUTER & INFORMATION SCIENCE MAJOR

SATISFACTORY PROGRESS IN THE CIS MAJOR

Students must earn grades of B- or higher in CIS 210, 211, 212, and in MATH 231 and 232 for automatic advancement to upper-division courses. Students with at most one C in the lower-division required courses may submit a prerequisite override request form to continue in the major.

All upper-division coursework must be completed with a grade of C- or Pass or better. Unless otherwise indicated (e.g., Science, Writing), all coursework used to satisfy major requirements must be taken graded.

At least 12 credits of CIS upper division elective courses numbered 410 or higher must be taken graded.

Students who receive two grades below C- in upper-division core courses, or three grades below C- in any upper-division classes, may be removed from the major.

Students who have completed CIS 300-level core courses and have a CIS GPA and a UO GPA of 3.5 or higher are eligible to apply to graduate with departmental honors.

To graduate with departmental honors, a student must maintain 3.5 or higher CIS and UO GPAs, and complete an honors thesis (CIS 403).

CIS: Major GPA

EARNED:

3.76 GPA

CIS: Notices

NO

CIS: Core Requirements (Current Curriculum)

NO - Lower-Division Core Courses (20 Credits)

Complete the following sequences concurrently. All courses must be taken graded (B- or higher).

12.00 *CREDIT EARNED*

Term	Course		Credits	Grade	Title
20W	CIS	210	4.00	B+	Computer Science I
20S	CIS	211	4.00	A	Computer Science II
20F	CIS	212	4.00	A	Computer Science III

NEEDS: 8.00 CREDITS

FROM: MATH 231 Elements of Discrete Math I,
MATH 232 Elements of Discrete Math II

NO - Upper-Division Core Courses (28 Credits)

Complete the following courses. All courses must be taken graded.

0.00 *CREDIT EARNED*

Term	Course		Credits	Grade	Title
21W	CIS	313	0.00	?	Interm Data Structures
21W	CIS	314	0.00	?	Computer Organization

NEEDS: 28.00 CREDITS

FROM: CIS 315 Intro to Algorithms,
CIS 330 C/C++ and Unix .,
CIS 415 Operating Systems .,
CIS 422 Software Methodology I,
CIS 425 Princ of Program Lang

Student must take 8 credits from among these sequences:
All courses must be taken graded.

OK - Calculus I, II

8.00 *CREDIT EARNED*

Term	Course		Credits	Grade	Title
18S	MATH	251	4.00	P*	Calculus I @Advanced Placement Exam
18S	MATH	252	4.00	P*	Calculus II @Advanced Placement Exam

OK - Two Additional Mathematics Courses

8.00 CREDIT EARNED

Term	Course	Credits	Grade		Title
18S	MATH 253	4.00	P*		Calculus III @Advanced Placement Exam
19F	MATH 341	4.00	A		Elem Linear Algebra

NO - Writing Course

Complete one of the following courses. The course may be taken Pass/No Pass or graded.

NEEDS:

1 COURSE

FROM:

WR 320 Scientific & Tech Writing OR
WR 321 Business Communications

NO

CIS: Elective - Foundation Track

An additional 20 credits of upper-division CIS elective credits are required.

None of courses numbered 400-409 can be taken for more than four credits when used to satisfy this requirement.

CIS 399, 407, and 410 courses must have different topic subtitles to count for this requirement.

NO 12 Graded CIS Elective Credits (CIS 410-499)

12 credits of CIS upper division elective courses numbered 410 or higher must be taken graded.

NEEDS:

12.00 CREDITS

NO 8 Additional CIS Elective Credits (P/P*/Graded)

NEEDS:

8.00 CREDITS

OK

CIS: Mathematics Elective

The mathematics elective is selected from upper-

division mathematics courses with a prerequisite of Calculus II (MATH 252) or higher, or from theoretical computer science courses. A list of theoretical computer science courses is available in the computer science office or the department website.

OK - Mathematics Electives (4 Credits, P/NP or Graded)

24.00 CREDIT EARNED

Term	Course	Credits	Grade	Title
19F	MATH 307	4.00	A-	Introduction to Proof
20S	MATH 316	4.00	A-	Fund of Analysis I
20W	MATH 342	4.00	A+	Elem Linear Algebra
20S	MATH 441	4.00	B	Linear Algebra
20F	MATH 444	4.00	A	Intro Abstract Alg I
21W	MATH 445	0.00	?	Intro Abstract Alg II
20S	MATH 458	4.00	A	Intro Mth Cryptography

OK

CIS: Science

OK - Chemistry

12.00 CREDIT EARNED

Term	Course	Credits	Grade	Title
18S	CH 221	4.00	P*	General Chemistry @Advanced Placement Exam
18S	CH 222	4.00	P*	General Chemistry @Advanced Placement Exam
18S	CH 223	4.00	P*	General Chemistry @Advanced Placement Exam

Additional CIS & Related Courses Taken:

Please see your advisor to verify whether or not the following courses fulfill any of your remaining Computer & Information Science requirements:

6.50 CREDIT EARNED

Term	Course	Credits	Grade	Title
20W	MATH 203	2.00	P*	Anly & Nm Theo Mth Lab
18F	MATH 282	4.50	A	Several-Variab Calc II @University of Utah

Courses That are not Listed Above

The following course(s) are not listed on your degree

guide, though they may be used in your total credit requirements and GPA totals. Check with your advisor if you have any questions concerning your degree guide.

21.00 CREDIT EARNED 5 COURSES APPLY

Term	Course	Credits	Grade		Title
19S	ENG 104	4.00	P*		Intro Literature @Advanced Placement Exam
17S	HIST 153T	4.00	P*	RP	Social Science Group, IC/GP @Advanced Placement Exam
17S	HIST 153T	4.00	P*	RP	Social Science Group, IC/GP @Advanced Placement Exam
19F	SPAN 111	5.00	B		Intens Begin Spanish
19S	WR 121	4.00	P*		College Composit I @Advanced Placement Exam

Legend

NO = Requirement NOT Complete
 OK = Requirement Complete
 ? = Course Used to Meet Requirement is In Progress
 No Credit Assigned Until Course is Complete
 * = Denotes Any Number between Zero and Nine if
 Located After a Subject Code
 CW = Course Waiver
 >D = Credit Deducted/not earned
 RP = Repeated Course
 (R) = Required Course
 T = Courses Ending in 'T' are Generic Transfer Courses
 that have No Direct UO Equivalent

 The following summary reflects the total University of Oregon
 and transfer credits you have earned. Some of these
 credits may not apply to your degree program.

UNDERGRADUATE CREDIT SUMMARY TO DATE

	EARNED	GPA	QUALITY	
	CREDITS	CREDITS	POINTS	GPA
U OREGON:	60.00	57.00	212.60	3.72
TRANSFER:	52.50			
OVERALL :	112.50			

TRANSCRIPT REMARKS

LEVEL	TERM	COMMENTS
UG	20S	COVID-19 disruption: remote instruction for

UG 20S courses; expanded pass/no pass grades.
UG 20F COVID-19 disruption: remote instruction for
UG 20F courses; expanded pass/no pass grades.

=====

Academic Standing: 00 Good Standing

Changes to your registration may affect this degree guide.

TERM	-COURSE-	-CRN-	OPT	CRDT	COURSE TITLE
21W	CIS 313	21595	G	4.00	Interm Data Structures
21W	CIS 313	21597	G	0.00	+ Dis
21W	CIS 314	21599	G	4.00	Computer Organization
21W	CIS 314	21602	G	0.00	+ Dis
21W	HC 232H	22615	G	4.00	Top Memoir Mental III
21W	MATH 445	23610	G	4.00	Intro Abstract Alg II