PREPARED: 03/29/22 - 09:53 PM 800640655
Yoder, Jacob
PROGRAM CODE: 2BSCIC S *CATALOG YEAR:* 202120

Bachelor of Science - Computer Science
College of Arts & Sciences

AT LEAST ONE REQUIREMENT HAS NOT BEEN SATISFIED

******* NEW MEXICO STATE UNIVERSITY STAR REPORT ********

This student academic requirements (STAR) report is a planning tool and is not a contract between the student and the university. This report has been designed to assist you with planning courses to complete degree requirements. Every effort has been made to insure its accuracy; however, final confirmation of degree requirements is subject to department, college and university approval. Students must apply for degrees within deadline dates for the semester in which they anticipate to graduate. If you have questions about your degree audit, please contact your academic advisor.

NO Minimum Grade Point Average and Credit Hour Requirements
Your Bachelor's degree requires a minimum of 120 completed degree hours, a minimum GPA of 2.00 in all course work, and completing at least 30 of the last 36 hours at NMSU.

\+ Cumulative grade point average

3.943 *GPA*

\- Total degree hours earned (excludes remedial courses, applied courses beyond 9 credits, and PE activity courses beyond 9 credits). Total hours needed may be greater than the minimum needed to reach 120.

91.0 *CREDITS*

IN-P---> 17.0 *CREDITS*

NEEDS: *12.0 CREDITS*

\- Upper-division courses: Student must complete 48 hours between the 300-499 or 3000-4999 level. Total upper- division hours needed may be greater than the minimum needed to reach 48.

3.0 *CREDITS*

IN-P---> 6.0 *CREDITS*

NEEDS: *39.0 CREDITS*

English Basic Skills Requirement - satisfied.

Mathematics Basic Skills Requirement - satisfied.

OK General Education Requirements Area I (9-10 Credits)
Communications

+ Complete three credits of English Composition - Level 1 with a grade of C or better.

Term	Course	Credits	Grade		Title
18FA	ENGL111G	3.0	CR		RHETORIC & COMPOSITION CONVERTED TO: ENGL1110G

+ Complete three credits of English Composition - Level 2

Term	Course	Credits	Grade		Title
20S1	ENGL112	3.0	CR		RHETORIC & COMPOSITION II CONVERTED TO: ENGL1120

+ Complete three credits of Oral Communication.

Term	Course	Credits	Grade		Title
21FA	COMM1115G	3.0	A-		INTRODUCTION TO COMMUNICATION

OK General Education Requirements Area II (3-4 Credits)
Mathematics

+ Complete 3-4 credits of college level Mathematics or higher.

Term	Course	Credits	Grade		Title
18S1	MATH191G	4.0	CR		CALC & ANALYTIC GEOMETRY I CONVERTED TO: MATH1511G

OK General Education Requirements Area III & IV (10-11 Credits)
Laboratory Sciences and Social/Behavioral Sciences
One course needs to be completed from each area for a total of 7 credits. The additional course can be completed from either area of your selection.

+ Laboratory Sciences.

Term	Course	Credits	Grade		Title
19FA	PHYS215G	4.0	CR		ENGINEERING PHYS I CONVERTED TO: PHYS1310G
19FA	PHYS215GL	1.0	CR		ENGR PHYS I LAB CONVERTED TO: PHYS1310L

+ Social/Behavioral Sciences.

Term	Course	Credits	Grade		Title
19S1	PSY 201G	3.0	CR		INTRO TO PSYCHOLOGY CONVERTED TO: PSYC1110G

+ Complete 3-4 credits of Laboratory Sciences or Social/Behavioral Science.

Term	Course	Credits	Grade		Title
20FA	PHYS216G	4.0	CD		ENGINEERING PHYS II CONVERTED TO: PHYS1320G
20FA	PHYS216GL	1.0	CR		ENGR PHYS II LAB CONVERTED TO: PHYS1320L

OK General Education Requirements Area V (3 Credits)
Humanities

\+ Humanities.

Term	Course	Credits	Grade		Title
19SP	PHIL211G	3.0	CR		INFORMAL LOGIC CONVERTED TO: PHIL1120G

OK General Education Requirements Area VI (3 Credits)
Creative and Fine Arts

\+ Creative and Fine Arts.

Term	Course	Credits	Grade		Title
21SP	MUSC1130G	3.0	CR		WESTERN MUSIC

OK General Education Electives (3-4 Credits)

\+ Complete any additional 3-4 credit course with the 'G' distinction that exceeds the minimum requirement above excluding Area I: Communications and any crosslisted courses.

Term	Course	Credits	Grade		Title
20FA	ECON251G	3.0	CR		PRNCPLS OF MACROECONS CONVERTED TO: ECON2110G

NO Viewing a Wider World Requirement

Take two courses (six credits) from separate colleges from the Viewing a Wider World list in the Catalog (courses are designated with a V). One of the two courses must be in a college other than your own. Both courses must be outside of your major department (including cross-listed courses). If the course is within your own college, it cannot be used toward the Viewing a Wider World requirement if it is being used to fulfill a requirement for your major.

\+ College of Agricultural, Consumer and Environmental Sciences.

Term	Course	Credits	Grade		Title
21FA	EPWS380V	3.0	A		SCIENCE & SOCIETY

FOR THE BS IN CHEMISTRY, BIOCHEMISTRY, COMPUTER SCIENCE, CYBERSECURITY, MATHEMATICS - APPLIED MATHEMATICS EMPHASIS, MATHEMATICS - ACTUARIAL SCIENCE AND INSURANCE, MATHEMATICS - SECONDARY EDUCATION, MATHEMATICS - FOUNDATIONS MATHEMATICS - GENERAL MATHEMATICS, MATHEMATICS - PROBABLITY AND STATISTICS. THERE IS NO SECOND LANGUAGE REQUIREMENT.

COURSES IN THE MAJOR: A grade of C- or better is required in all departmental and non-departmental requirements.

NO Departmental Requirements - 52 credits
A course can only satisfy one requirement.

+ Take CS 172, Computer Science I.

Term	Course	Credits	Grade		Title
21FA	C S 172	4.0	A		COMPUTER SCIENCE I

+ Take C S 271, Intro. to Object-Oriented Programming.

Term	Course	Credits	Grade		Title
22SP	C S 271	4.0	IP		O O PROGRAMMING

+ Take C S 278/MATH 278, Discrete Math for Computer Science.

Term	Course	Credits	Grade		Title
20S1	MATH278	4.0	CR		DISCRETE MATH FOR CS CONVERTED TO: MATH278G >>MATCHED AS: C S 278

+ Take C S 272, Intro. to Data Structures.

Term	Course	Credits	Grade		Title
22SP	C S 272	4.0	IP		INTRDN-DATA STRCTRS

- Take CS 273, Machine Programming & Organization.

- A&S requires a minimum of 20 upper division credits in the major.
NEEDS: *20.0 CREDITS*

- Take C S 370, Compilers and Automata.

- Take C S 371, Software Development.

- Take C S 372, Data Structures and Algorithms.

- Take C S 419, Computing Ethics and Social Implications of Computing.

- Take C S 471, Programming Language Structure I.

- Take C S 474, Operating Systems I.

- Take C S 448, Senior Project or C S 449, Senior Thesis.

- Complete C S 482, Data Management Systems I.

- Take two courses from the following:
SELECT FROM: C S 380 ,382 ,473 ,475 ,476 ,477 ,
C S 478 ,479 ,480 ,481 ,483 ,484 ,

C S 485 ,486 ,487 ,488 ,489 ,491 ,
C S 496

NO Non-departmental Requirements - 35 credits

\+ Take COMM 1130G or COMM 1115G or HNRS 2175G.

Term	Course	Credits	Grade		Title
21FA	COMM1115G	3.0	A-		INTRODUCTION TO COMMUNICATION

\+ Take ENGL 2210G.

Term	Course	Credits	Grade		Title
21FA	ENGL2210G	3.0	A		PROFESSIONAL & TECHNICAL COMM

\+ Take MATH 2415, Introduction to Linear Algebra, or
MATH 480, Vector Spaces and Matrix Algebra.

Term	Course	Credits	Grade		Title
22SP	MATH2415	3.0	IP		INTRO TO LINEAR ALGEBRA

\+ Take MATH 1511G & MATH 1521G, Calculus &
Analytical Geom. I & II

Term	Course	Credits	Grade		Title
18S1	MATH191G	4.0	CR		CALC & ANALYTIC GEOMETRY I CONVERTED TO: MATH1511G
18S1	MATH192G	4.0	CR		CALC & ANALYTIC GEOMETRY II CONVERTED TO: MATH1521G

\- Take one of: MATH 331, MATH 332, MATH 377, MATH 392,
MATH 454 or MATH 455.

\+ Take one of the following: A ST 311, STAT 470,
or STAT 371.

Term	Course	Credits	Grade		Title
22SP	A ST311	3.0	IP		STATISTICAL APPLCN

\+ Take one of the following:

Term	Course	Credits	Grade		Title
19FA	PHYS215G	4.0	CR		ENGINEERING PHYS I CONVERTED TO: PHYS1310G
19FA	PHYS215GL	1.0	CR		ENGR PHYS I LAB CONVERTED TO: PHYS1310L

\- Take two of the following:
ASTR 1115G, BIOL 2610G/BIOL2610L, BIOL2110G/BIOL2110L
CHEM 1215G, CHEM 1225G, GEOG 1110G, GEOL 1110G,
HNRS 2116G, PHYS 1230G/PHY1230L, PHYS 1240G/PHYS1240L,
PHYS 1310G/PHYS 1310L, or PHYS 1320G/PHYS1320L
Note: Course in this requirement may meet General
Education requirements.

Term	Course	Credits	Grade		Title
19SP	**PHYS211G**	**4.0**	**CR**		**GENERAL PHYS** **CONVERTED TO: PHYS1230G**
20FA	**PHYS216GL**	**1.0**	**CR**		**ENGR PHYS II LAB** **CONVERTED TO: PHYS1320L**

Electives used to bring total to 120 credit hours or beyond

Term	Course	Credits	Grade		Title
18FA	C S 100 E	4.0	CR		COMPUTER SC ELECTIVE LD
18FA	WELD102	3.0	CR		WELDING FUNDAMENTALS
19SP	C S 100 E	4.0	CR		COMPUTER SC ELECTIVE LD
19S1	BCT 100 E	3.0	CR		BLDNG TRADES ELCTV LD
19S1	C S 100 E	4.0	CR		COMPUTER SC ELECTIVE LD
19S1	MATH142G	3.0	CR		BUS/BIOL CALCULUS I CONVERTED TO: MATH1430G
19FA	CHEM115	4.0	CR		PRINCIPLES OF CHEM I CONVERTED TO: CHEM1216
20SP	MATH100 E	3.0	CR		MATH ELECTIVE LD
21SP	BCIS110	3.0	CR		FUND OF INFO/LITERACY SYSTEMS CONVERTED TO: BCIS1110
21FA	PHYS1111	3.0	A		INTRO COMPUTATIONAL PHYSICS
22SP	HORT302V	3.0	IP		FORESTRY AND SOCIETY

Courses not earning academic credit

Term	Course	Credits	Grade		Title
18S1	HIST101G	0.0	GR		ROOTS OF MODERN EUROPE CONVERTED TO: HIST1150G
18S1	HIST102G	0.0	GR		MODERN EUROPE CONVERTED TO: HIST1160G
18FA	MATH100 E	0.0	GW		MATH ELECTIVE LD
19SP	WELD100 E	0.0	NC	}X	WELDING TECH ELECTIVE LD
20SP	WELD100 E	0.0	NC	}X	WELDING TECH ELECTIVE LD
20S1	COMM100 E	0.0	GW		SPEECH ELECTIVE LD
20FA	ARCT100 E	0.0	GW		ARCHITECTUAL ELECTIVE
21SP	BCT 100 E	0.0	NC	}X	BLDNG TRADES ELCTV LD
21SP	COMM100 E	0.0	GW		SPEECH ELECTIVE LD

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======================*    LEGEND    *=========================
                     DEGREE AUDIT CODES:
NO  REQUIREMENT NOT COMPLETE     }R   REPEAT - GRADE IN GPA
OK  REQUIREMENT COMPLETE         }X   REPEAT - GRADE NOT IN GPA
IP  REQUIREMENT IN PROGRESS      }P   PLANNED COURSE GRADE IN GPA
+   SUB-REQUIREMENT COMPLETE     < }A ADJUSTED CREDIT OPTION
-   SUB-REQUIREMENT NOT COMPLETE }S   COURSE SPLIT
IN-P---> IN-PROGRESS SUMMARY     }N REMEDIAL COURSE-GRADE IN GPA
                                 }* REPEAT - IN-PROGRESS
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=====*  THIS AUDIT IS SUBJECT TO ADMINISTRATIVE APPROVAL   *=====
 AND ASSUMES IN-PROGRESS COURSES WILL BE COMPLETED SUCCESSFULLY
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NMSU LEGEND

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