

## Bachelor of Arts - Computer Science

## College of Arts &amp; Sciences

## &gt;&gt;&gt;&gt; ALL REQUIREMENTS COMPLETED - IN-PROGRESS COURSES USED &lt;&lt;&lt;&lt;

## \*\*\*\*\* 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.

## IP

## 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

3.338 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.

162.0 CREDITS

IN-P--->

16.0 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.

33.0 CREDITS

IN-P--->

16.0 CREDITS

+ Residency requirement: At least 30 of the last 36 degree credits must be completed at NMSU.

English Basic Skills Requirement - satisfied.

Mathematics Basic Skills Requirement - satisfied.

**OK**

## General Education Common Core 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
14FA	ENGL111G	4.0	B+	RHETORIC/COMPOSITION CONVERTED TO: ENGL1110G

- + Complete three credits of English composition - Level 2

Term	Course	Credits	Grade	Title
15FA	ENGL218G	3.0	B	TCHNCL & SCNTFC CMNCTN CONVERTED TO: ENGL2210G

- + Complete three credits of oral communication.

Term	Course	Credits	Grade	Title
15SP	COMM265G	3.0	A-	PRNCPLS-HUMAN CMNCTN CONVERTED TO: COMM1115G

**OK**

## General Education Common Core Area II (3 Credits) Mathematics

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

Term	Course	Credits	Grade	Title
14SP	MATH121G	3.0	CR	COLLEGE ALGEBRA CONVERTED TO: MATH1220G

**OK**

## General Education Common Core Area III (8 Credits) Laboratory Sciences

- + Chemistry:

Term	Course	Credits	Grade	Title
14FA	CHEM111G	4.0	C	GENERAL CHEMISTRY I CONVERTED TO: CHEM1215G

- + Physics:

Term	Course	Credits	Grade	Title
15FA	PHYS215G	3.0	B	ENGINEERING PHYS I CONVERTED TO: PHYS1310G
15FA	PHYS215GL	1.0	C-	ENGR PHYS I LAB CONVERTED TO: PHYS1310L

**OK**

## General Education Common Core Areas IV & V (15 credits) Social/Behavioral Sciences and Humanities/Fine Arts

- + Social/Behavioral Sciences.

Term	Course	Credits	Grade	Title
15SP	ECON252G	3.0	B+	PRNCPLS OF MICROECONS CONVERTED TO: ECON2120G
16SP	ANTH125G	3.0	A-	INTRO WORLD CULTURES CONVERTED TO: ANTH1140G

- + Humanities and Fine Arts.

Term	Course	Credits	Grade	Title
14SP	ART 101G	3.0	CR	ORIENTATION IN ART CONVERTED TO: ARTH1115G
16SP	HIST101G	3.0	B	ROOTS-MODERN EUROPE CONVERTED TO: HIST1150G

+ **Social/Behavioral Science/Humanities/Fine Arts.**

Term	Course	Credits	Grade	Title
13FA	PSY 201G	3.0	CR	INTRDN-PSYCHOLOGY CONVERTED TO: PSYC1110G

**OK**

## 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
16FA	GEOG315V	3.0	A	WORLD AGRI/FOOD PRBLs >>MATCHED AS: AECC315V

+ **College of Arts & Sciences**

Term	Course	Credits	Grade	Title
20SP	ANTH305V	3.0	A	CNMPRY NATV AMERICANS

FOR THE BA IN STUDIO ART, CHEMISTRY, COMPUTER SCIENCE, ECONOMICS  
SOCIOLOGY, GENDER AND SEXUALITY STUDIES, PHILOSOPHY  
THEATER ARTS AND THEATER ARTS - MUSICAL THEATER,  
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.

**IP**

Departmental Requirements - 48 - 49 credits  
A course can only satisfy one requirement.

+ **Take CS 172, Computer Science I.**

Term	Course	Credits	Grade	Title
16SP	C S 172	4.0	A	COMPUTER SCIENCE I

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

Term	Course	Credits	Grade	Title
16FA	C S 271	4.0	B	O O PROGRAMMING

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

Term	Course	Credits	Grade	Title
19SP	C S 278	4.0	C	DISCRETE MATH FOR CS

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

Term	Course	Credits	Grade	Title
19SP	C S 272	4.0	B	INTRDN-DATA STRCTRS

+ **Take CS 273, Machine Programming & Organization.**

Term	Course	Credits	Grade	Title
16FA	C S 273	4.0	B	MACHINE PROG & ORG

+ **Take C S 370, Compilers and Automata.**

Term	Course	Credits	Grade	Title
19FA	C S 370	4.0	A+	COMPILERS & AUTOMATA

+ **Take C S 371, Software Development.**

Term	Course	Credits	Grade	Title
19FA	C S 371	4.0	A-	SOFTWARE DEVELOPMENT

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

Term	Course	Credits	Grade	Title
20SP	C S 419	1.0	S	ETHICS AND COMPUTING

+ **Take C S 448, Senior Project or C S 449, Senior Thesis.**

Term	Course	Credits	Grade	Title
20FA	C S 448	4.0	IP	SENIOR PROJECT

+ **Take C S 482, Database Management Systems I.**

Term	Course	Credits	Grade	Title
20SP	C S 482	3.0	A	DATABASE MGT SYS I

+ **Take two of the following from List 1:**

Term	Course	Credits	Grade	Title
19FA	C S 477	3.0	A	DIGITAL GAME DESIGN
20FA	C S 471	3.0	IP	PROG LANG STRUCTURE I

+ **Take two of the following from List 2:**

Term	Course	Credits	Grade	Title
20SP	C S 479	3.0	A	SPECIAL TOPICS
20FA	C S 485	3.0	IP	HUMAN-CENTERED COMPUTING

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**OK** **Non-departmental Requirements - 18 -22 credits**

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

Term	Course	Credits	Grade	Title
15SP	COMM265G	3.0	A-	PRNCPLS-HUMAN CMNCTN CONVERTED TO: COMM1115G

+ **Take ENGL 2210G, ENGL 2130G or ENGL 2215G.**

Term	Course	Credits	Grade	Title
15FA	ENGL218G	3.0	B	TCHNCL & SCNTFC CMNCTN CONVERTED TO: ENGL2210G

+ **Take one of the following: MATH 1430G, MATH 1511G or MATH 1435.**

Term	Course	Credits	Grade	Title
15SP	MATH191G	4.0	C-	CALCULUS I CONVERTED TO: MATH1511G

+ **Take one of the following: MATH 1350G, MATH 2350G, STAT 371, STAT 470 or A ST 311.**

Term	Course	Credits	Grade	Title
19FA	A ST311	3.0	B	STATISTICAL APPLCN

+ **Take two upper division courses in any one department outside CS.**

Term	Course	Credits	Grade	Title
16FA	GEOG315V	3.0	A	WORLD AGRI/FOOD PRBLs
20SP	GEOG326	3.0	A+	U.S. NATIONAL PARKS

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Electives used to bring total to 120 credit hours or beyond

Term	Course	Credits	Grade	Title
10FA	AUTO125	5.0	CR	BRAKES
10FA	C S 110	3.0	CR	COMPUTER LITERACY CONVERTED TO: BCIS1110
11FA	CMT 195	3.0	CR	DIG VID EDITING I CONVERTED TO: FDMA1220
12S1	UNIV150	3.0	CR	FRESHMAN YR EXPERIENCE CONVERTED TO: FYEX1112
12FA	AUTO126	5.0	CR	SUSPENSION/STEERING/ALGINMT
12FA	WELD101	2.0	CR	FUNDAMENTALS OF WELDING
12FA	WELD105	2.0	CR	INTRDN TO WELDING
13FA	AUTO127	5.0	CR	BASIC AUTOMATIC TRANSMISSION
14SP	AUTO141	3.0	CR	AUTO FUEL INJECTION
14FA	ENGR100	3.0	A	INTRO TO ENGINEERING CONVERTED TO: ENGR100G
14FA	MATH190G	4.0	C	TRIG AND PRE-CALCULUS CONVERTED TO: MATH1250G
15SP	E E 161	4.0	A-	PROBLEM SOLVING
15SP	LIB 101	1.0	A	INTRO TO RESEARCH CONVERTED TO: LIBR1110
15FA	BCIS110	3.0	A	INTRO CMPTRZD INFO SYS CONVERTED TO: BCIS1110
15FA	E E 162	4.0	B-	DIGITAL CIRCUIT DESIGN
15FA	UNIV113	1.0	A	SPEED READING CONVERTED TO: FYEX1134
16SP	PHIL101G	3.0	A	THE ART OF WONDERING CONVERTED TO: PHIL1115G
16SP	UNIV114	2.0	A	FINANCIAL LITERACY CONVERTED TO: FYEX1117
16FA	GOVT100G	3.0	A	AMER NATIONAL GOVT CONVERTED TO: POLS1120G
16FA	UNIV112	2.0	A	ACAD & PERSONAL EFFCTVNS CONVERTED TO: FYEX1132
17SP	ASTR110G	4.0	C+	INTRDN TO ASTRONOMY CONVERTED TO: ASTR1115G
17SP	C S 153	3.0	A-	PYTHON PROGRAMMING I
19FA	UNIV110	1.0	A	PRNL LRNG SKILLS I CONVERTED TO: FYEX1131
20SP	C EP300V	3.0	A	HUMAN RELATIONS TRNG CONVERTED TO: CEPY300V
20FA	EPWS325V	3.0	IP	INSECTS/HUMANS & ENVIRO
20FA	EPWS380V	3.0	IP	SCIENCE & SOCIETY

### Courses not earning academic credit

Term	Course	Credits	Grade	Title
14SP	HIST100 E	0.0	GR	HISTORY ELECTIVE LD
15FA	MATH192G	0.0	W	CALCULUS II CONVERTED TO: MATH1521G
16FA	MATH192G	0.0	W	CALCULUS II CONVERTED TO: MATH1521G
17SP	C S 272	0.0	W	INTRDN-DATA STRCTRS
17SP	C S 278	0.0	W	DISCRETE MATH FOR CS
20SP	C S 475	0.0	W	ARTIFICIAL INTLGNC E

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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

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