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

                                                        3.522 *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.
                92.0 *CREDITS*
          IN-P--->   13.0 *CREDITS*
          NEEDS: *15.0 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.
                24.0 *CREDITS*
          IN-P--->   13.0 *CREDITS*
          NEEDS: *11.0 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
20FA	ENGL111 M	4.0	A+	RHETORIC/COMPOSITION MULTILIN CONVERTED TO: ENGL1110M >>MATCHED AS: ENGL1110G

    +   **Complete three credits of English Composition - Level 2**

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

    +   **Complete three credits of Oral Communication.**

Term	Course	Credits	Grade	Title
21SP	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
19FA	MATH191G	4.0	B	CALCULUS 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
21SP	ASTR1115G	4.0	A-	INTRO ASTRO (LEC/LAB)

    +   **Social/Behavioral Sciences.**

Term	Course	Credits	Grade	Title
21FA	ECON2110G	3.0	A+	MACROECONOMIC PRINCIPLES

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

Term	Course	Credits	Grade	Title
22SP	PHYS1230G	3.0	A+	ALGEBRA-BASED PHYSICS I
22SP	PHYS1230L	1.0	A	ALGEBRA-BASED PHYSICS I LAB

OK	General Education Requirements Area V (3 Credits) Humanities

    +   **Humanities.**

Term	Course	Credits	Grade	Title
19FA	PHIL101G	3.0	A	THE ART OF WONDERING
				CONVERTED TO: PHIL1115G

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

     +   Creative and Fine Arts.

Term	Course	Credits	Grade	Title
21FA	THEA1110G	3.0	A	INTRO TO THEATRE

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
19FA	CHEM111G	4.0	B	GENERAL CHEMISTRY I
				CONVERTED TO: CHEM1215G

IP   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
22FA	EPWS325V	3.0	IP	INSECTS/HUMANS & ENVIRO

     +   College of Business

Term	Course	Credits	Grade	Title
22SP	ECON335V	3.0	A	BUSINESS/GOVERNMENT

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
19FA	C S 172	4.0	B	COMPUTER SCIENCE I

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

Term	Course	Credits	Grade	Title
20SP	C S 271	4.0	S	O O PROGRAMMING S grade allowed

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

Term	Course	Credits	Grade	Title
20FA	C S 278	4.0	A	DISCRETE MATH FOR CS

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

Term	Course	Credits	Grade	Title
20FA	C S 272	4.0	B	INTRDN-DATA STRCTRS

+   Take CS 273, Machine Programming & Organization.

Term	Course	Credits	Grade	Title
20SP	C S 273	4.0	S	MACHINE PROG & ORG S grade allowed

-    A&S requires a minimum of 20 upper division credits in the major.

(11.0 *CREDITS TAKEN)*

IN-P--->   7.0 *CREDITS*

NEEDS: *2.0 CREDITS*

+   Take C S 370, Compilers and Automata.

Term	Course	Credits	Grade	Title
22FA	C S 370	4.0	IP }*	COMPILERS & AUTOMATA

+   Take C S 371, Software Development.

Term	Course	Credits	Grade	Title
21SP	C S 371	4.0	A	SOFTWARE DEVELOPMENT

+   Take C S 372, Data Structures and Algorithms.

Term	Course	Credits	Grade	Title
21SP	C S 372	4.0	C+	DATA STRCTRS & ALGRTHMS

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

NO   -   Take C S 471, Programming Language Structure I.

+   Take C S 474, Operating Systems I.

Term	Course	Credits	Grade	Title
22FA	C S 474	3.0	IP	OPERATING SYSTEMS 1

-          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:

Term	Course	Credits	Grade	Title
22SP	C S 477	3.0	A	DIGITAL GAME DESIGN

SELECT FROM: C S 380 ,382 ,473 ,475 ,476 ,478 ,
C S 479 ,480 ,481 ,484 ,485 ,486 ,
C S 487 ,488 ,489 ,491 ,496

OK   Non-departmental Requirements - 35 credits

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

Term	Course	Credits	Grade	Title
21SP	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
21FA	MATH2415	3.0	B	INTRO TO LINEAR ALGEBRA

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

Term	Course	Credits	Grade	Title
19FA	MATH191G	4.0	B	CALCULUS I CONVERTED TO: MATH1511G
20SP	MATH192G	4.0	A	CALCULUS II CONVERTED TO: MATH1521G

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

Term	Course	Credits	Grade	Title
20FA	MATH392	3.0	A-	INTRO ORD DIFF EQS

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

Term	Course	Credits	Grade	Title
21FA	A ST311	3.0	B+	STATISTICAL APPLCN

+   Take one of the following:

Term	Course	Credits	Grade		Title
19FA	CHEM111G	4.0	B		GENERAL CHEMISTRY I CONVERTED TO: CHEM1215G

+   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
21SP	ASTR1115G	4.0	A-	INTRO ASTRO (LEC/LAB)
22SP	PHYS1230G	3.0	A+	ALGEBRA-BASED PHYSICS I
22SP	PHYS1230L	1.0	A	ALGEBRA-BASED PHYSICS I LAB

Electives used to bring total to 120 credit hours or
beyond

Term	Course	Credits	Grade	Title
20SP	COLL108	2.0	A+	ACAD RDG/STUDY SKILLS CONVERTED TO: FYEX1133
21FA	C S 153	3.0	A	PYTHON PROGRAMMING I
22SP	C S 370	4.0	D	COMPILERS & AUTOMATA
22SP	PHED1290	1.0	A	TEAM SPORT:
22FA	ASTR308V	3.0	IP	INTO FINAL FRONTIER

In-Progress Repeat Summary

WARNING: The following courses are being repeated. They
may or may not be retaken for credit. Check with your
advisor.

Term	Course	Credits	Grade		Title
22FA	C S 370	4.0	IP	}*	COMPILERS & AUTOMATA

Developmental courses
Courses count in GPA but not towards degree requirements.

Term	Course	Credits	Grade		Title
20SP	CCDE110 N	4.0	A+	}N	GENERAL COMPOSITION

Courses not earning academic credit

Term	Course	Credits	Grade	Title
21FA	C S 474	0.0	W	OPERATING SYSTEMS 1

```
 ============================================================
======================*    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
================================================================
=====*  THIS AUDIT IS SUBJECT TO ADMINISTRATIVE APPROVAL   *=====
 AND ASSUMES IN-PROGRESS COURSES WILL BE COMPLETED SUCCESSFULLY
===============================================================
```

NMSU LEGEND

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