

Bachelor of Arts - 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

3.167 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.

131.0 CREDITS

IN-P--->

15.0 CREDITS

- Upper-division courses: Student must complete 48 hours at or above the 300-level. Total upper-division hours needed may be greater than the minimum needed to reach 48.

3.0 CREDITS

IN-P--->

14.0 CREDITS

NEEDS:

31.0 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 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 |
|------|----------|---------|-------|----------------------|
| 14FA | ENGL111G | 4.0 | B+ | RHETORIC/COMPOSITION |

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

| Term | Course | Credits | Grade | Title |
|------|----------|---------|-------|------------------------|
| 15FA | ENGL218G | 3.0 | B | TCHNCL & SCNTFC CMNCTN |

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

| Term | Course | Credits | Grade | Title |
|------|----------|---------|-------|----------------------|
| 15SP | COMM265G | 3.0 | A- | PRNCPLS-HUMAN CMNCTN |

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 |
|------|----------|---------|-------|-----------------|
| 14SP | MATH121G | 3.0 | CR | COLLEGE ALGEBRA |

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 |
|------|----------|---------|-------|---------------------|
| 14FA | CHEM111G | 4.0 | C | GENERAL CHEMISTRY I |

- + **Social/Behavioral Sciences.**

| Term | Course | Credits | Grade | Title |
|------|----------|---------|-------|-------------------|
| 13FA | PSY 201G | 3.0 | CR | INTRDN-PSYCHOLOGY |

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

| Term | Course | Credits | Grade | Title |
|------|----------|---------|-------|---------------------|
| 17SP | ASTR110G | 4.0 | C+ | INTRDN TO ASTRONOMY |

OK**General Education Requirements Area V (3 Credits)
Humanities**

- + **Humanities.**

| Term | Course | Credits | Grade | Title |
|------|----------|---------|-------|---------------------|
| 16SP | HIST101G | 3.0 | B | ROOTS-MODERN EUROPE |

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

+ Creative and Fine Arts.

| Term | Course | Credits | Grade | Title |
|------|----------|---------|-------|--------------------|
| 14SP | ART 101G | 3.0 | CR | ORIENTATION IN ART |

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 |
|------|----------|---------|-------|--------------------|
| 16FA | GOVT100G | 3.0 | A | AMER NATIONAL GOVT |

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 |
|------|----------|---------|-------|--|
| 16FA | GEOG315V | 3.0 | A | WORLD AGRI/FOOD PRBLMS >>MATCHED AS: AG E315V |

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.

NO 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 CS/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 |

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

(0.0 CREDITS TAKEN)

IN-P--- 11.0 CREDITS

NEEDS: 9.0 CREDITS

+ Take C S 370, Compilers and Automata.

| Term | Course | Credits | Grade | Title |
|------|---------|---------|-------|----------------------|
| 19FA | C S 370 | 4.0 | IP | COMPILERS & AUTOMATA |

+ Take C S 371, Software Development.

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

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

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

- Take C S 482, Database Management Systems I.

- Take two of the following: C S 343 or 372, 471, 473, 474, 475, 476, 477, 478, 479, 480, 481, 483, 484, 485, 486, 487, 488, 489, 491, 494, 496.

| Term | Course | Credits | Grade | Title |
|------|---------|---------|-------|---------------------|
| 19FA | C S 477 | 3.0 | IP | DIGITAL GAME DESIGN |

- Take two of the following: C S 475, 476, 477, 478, 479, 480, 481, 483, 484, 485, 486, 487, 488, 489, 491, 494, 496.

NO Non-departmental Requirements - 18 -22 credits

+ Take COMM 253G or COMM 265G or HON 265G.

| Term | Course | Credits | Grade | Title |
|------|----------|---------|-------|----------------------|
| 15SP | COMM265G | 3.0 | A- | PRNCPLS-HUMAN CMNCTN |

+ Take ENGL 218G or 311G or 318G.

| Term | Course | Credits | Grade | Title |
|------|----------|---------|-------|------------------------|
| 15FA | ENGL218G | 3.0 | B | TCHNCL & SCNTFC CMNCTN |

+ Take one of the following: MATH 142G, MATH 191G, MATH 235.

| Term | Course | Credits | Grade | Title |
|------|----------|---------|-------|------------|
| 15SP | MATH191G | 4.0 | C- | CALCULUS I |

+ Take one of the following: STAT 251G, 271G, 371, 470 A ST 251G, 311.

| Term | Course | Credits | Grade | Title |
|------|---------|---------|-------|--------------------|
| 19FA | A ST311 | 3.0 | IP | 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 |

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 |
| | 11FA | CMT 195 | 3.0 | CR | DIG VID EDITING I |
| | 12S1 | UNIV150 | 3.0 | CR | FRESHMAN YR EXPERIENCE |
| | 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 |
| | 14FA | MATH190G | 4.0 | C | TRIG AND PRE-CALCULUS |
| | 15SP | E E 161 | 4.0 | A- | PROBLEM SOLVING |
| | 15SP | ECON252G | 3.0 | B+ | PRNCPLS OF MICROECONS |
| | 15SP | LIB 101 | 1.0 | A | INTRO TO RESEARCH |
| | 15FA | BCIS110 | 3.0 | A | INTRO CMPTRZD INFO SYS |
| | 15FA | E E 162 | 4.0 | B- | DIGITAL CIRCUIT DESIGN |
| | 15FA | PHYS215G | 3.0 | B | ENGINEERING PHYS I |
| | 15FA | PHYS215GL | 1.0 | C- | ENGR PHYS I LAB |
| | 15FA | UNIV113 | 1.0 | A | SPEED READING |
| | 16SP | ANTH125G | 3.0 | A- | INTRO WORLD CULTURES |
| | 16SP | PHIL101G | 3.0 | A | THE ART OF WONDERING |
| | 16SP | UNIV114 | 2.0 | A | FINANCIAL LITERACY |
| | 16FA | UNIV112 | 2.0 | A | ACAD & PERSONAL EFFCTVNS |
| | 17SP | C S 153 | 3.0 | A- | PYTHON PROGRAMMING I |
| | 19FA | UNIV110 | 1.0 | IP | PRNL LRNG SKILLS I |

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 |
| 16FA | MATH192G | 0.0 | W | CALCULUS II |
| 17SP | C S 272 | 0.0 | W | INTRDN-DATA STRCTRS |
| 17SP | C S 278 | 0.0 | W | DISCRETE MATH FOR CS |

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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 *****