EASTERN NEW MEXICO UNIVERSITY

# Eastern New Mexico University
## College of Liberal Arts and Sciences
## 2017-2019 Catalog
Degree Plan Checklist

| | | | |
|---|---|---|---|
| **Date:** | | **Major:** | **Computer Science** |
| **Name:** | | **Minor:** | |
| **ID#:** | | **Degree:** | **Bachelor of Science** |

**This is page 2 of a two-page plan. The first page is the appropriate set of institutional and general education requirements.**

**NOTE: Students must complete a minimum of 120 hours, including 40 hours of upper division. Developmental and vocational/technical courses are not eligible to count for graduation. All acceptable transfer work from a junior or community college will be recorded as lower division credit and will not count for upper division hours. Students who are completing this as a second degree must have 30-32 hours not counted on the first degree, 30 if the first degree is from ENMU, 32 If it is not.**

**All course requirements in a major or minor require a "C" or higher.**

| **Major: Computer Science (33 hours)** | | | | |
|---|---|---|---|---|
| CS 102 Computer Science Orientation | CS 102 | 1 | | |
| CS 120 Introduction to Computer Programming | CS 120 | 3 | | |
| CS 123 Computer Science I | CS 123 | 4 | | |
| CS 220 Discrete Mathematics for Computer Science | CS 220 | 3 | | |
| CS 234 Computer Science II | CS 234 | 4 | | |
| CS 301 Programming Language Concepts | CS 301 | 3 | | |
| CS 357 Data Structures | CS 357 | 3 | | |
| CS 359 Database Design and Programming | CS 359 | 3 | | |
| CS 451 Design and Analysis of Algorithms | CS 451 | 3 | | |
| CS 461 Operating Systems | CS 461 | 3 | | |
| CS 472 Software Engineering | CS 472 | 3 | | |
| **Required Courses in Related Areas: (20-21 hours)** | | | | |
| EET 241/L Logic Circuits | EET 241/L | 3 | | |
| EET 340 Introduction Computer Organization/Architecture | EET 340 | 3 | | |
| ENG 305 Report Writing | ENG 305 | 3 | | |
| MATH 124 Calculus I (Can count for General Education) | MATH 124 | 4 | | |
| MATH 132 Calculus II | MATH 132 | 4 | | |
| One course from STAT 213, 313, 403, 417 | | 3-4 | | |

| | | | | | | | Final Check |
|---|---|---|---|---|---|---|---|
| **Date:** | | | | | | | |
| **Hours Completed:** | | | | | | | |
| **Hours In Progress:** | | | | | | | |
| **U/D Hours Completed:** | | | | | | | |
| **U/D Hours In progress:** | | | | | | | |
| **GPA:** | | | | | | | |