### 2016-17 Degree Plan
#### Computer Science, BS

**School of Engineering: Department of Computer Science (4 Year Plan)**

**Term 1**  
**Hours Towards Degree:** 14  
**Hours** | **Minimum Grade** | **Notes**
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ENGL 110: Accelerated Composition or ENGL 111: Composition I and ENGL 112: Composition II or ENGL 113: Enhanced Composition | 3 | C
MATH 162: Calculus I | 4 | B-
CS 152L: Computer Programming Fundamentals | 3 | B-
Lab Science | 4 | C

**Term Hours:** 14

**Term 2**  
**Hours Towards Degree:** 31  
**Hours** | **Minimum Grade** | **Notes**
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ENGL 120: Composition III | 3 | C
MATH 163: Calculus II | 4 | C
CS 251L: Intermediate Programming | 3 | C
Lab Science | 4 | C
CS 261: Mathematical Foundations of Computer Science | 3 | C

**Term Hours:** 17

**Term 3**  
**Hours Towards Degree:** 45  
**Hours** | **Minimum Grade** | **Notes**
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ECE 238L: Computer Logic Design | 4 | C
CS 241L: Data Organization | 3 | C
CS 293: Social and Ethical Issues in Computing | 1 | C
MATH 314: Linear Algebra with Applications or 321: Linear Algebra | 3 | C
Lab Science | 3 | C

**Term Hours:** 14

**Term 4**  
**Hours Towards Degree:** 61  
**Hours** | **Minimum Grade** | **Notes**
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CS 351L: Design of Large Programs | 4 | C
Lab Science | 3 | C
Writing and Speaking | 3 | C
Social Science | 3 | C
Fine Arts | 3 | C

**Term Hours:** 16

**Term 5**  
**Hours Towards Degree:** 76  
**Hours** | **Minimum Grade** | **Notes**
--- | --- | ---
CS 375: Introduction to Numerical Computing | 3 | C
STAT 345: Elements of Mathematical Statistics and Probability Theory | 3 | C
CS 361L: Data Structures and Algorithms | 3 | C
Humanities | 3 | C
Minor Elective | 3 | C

**Term Hours:** 15

**Term 6**  
**Hours Towards Degree:** 91  
**Hours** | **Minimum Grade** | **Notes**
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CS 357L: Declarative Programming | 3 | C
CS 362L: Data Structures and Algorithms II | 3 | C
CS Elective | 3 | B
Second Language | 3 | C
Minor Elective | 3 | C

**Term Hours:** 15
### Degree Plan Notes

- Each candidate for a degree must have at least a 2.00 GPA on work taken at the University of New Mexico which is counted toward the degree and at least a 2.00 GPA on all work taken at the University of New Mexico. In order to count toward graduation, each course required in a School of Engineering curriculum must be completed with a grade of C- or better. Courses used to fulfill the University of New Mexico core curriculum require a grade of C or better. Departments may have more restrictive academic requirements which also must be met.

### Lab Sciences

- CHEM 121: General Chem with Lab
- CHEM 122: General Chem with Lab
- CHEM 123L: General Chemistry I Lab
- CHEM 124L: General Chemistry II Lab
- EPS 101: Intro Geology How Earth Works
- EPS 105L: Physical Geology Lab
- EPS 201L: Earth History Lab
- ASTR 270: General Astronomy
- ASTR 270L: Gen Astronomy Lab I
- ASTR 271: General Astronomy
- ASTR 271L: Gen Astronomy Lab II
- PHYC 160: General Physics
- PHYC 160L: General Physics Lab
- PHYC 161: General Physics
- PHYC 161L: General Physics Lab