

Computer Science Course Sequence

Semester	Courses	Credits
1st	CSC 120 Computer Science I MAT 122 Calculus 1 Eng 101 Social Science elective PED Health elective*	4 4 3 3 2-3 Total: 16-17
2nd	CSC 130 Computer Science II (pre-req CMP210/CSC120) MAT 241 Discrete Mathematical Structures (pre-req MAT 122) MAT 123 Calculus II (pre-req MAT 122) Eng 102 Humanities elective	4 3 4 3 3 Total: 17
3rd	CSC 217 C Programming Language (pre-req CMP211/CSC130 or CMP218/ITE 204) CSC 230 Data Structures (pre-req CMP211/CSC130) Phy 151 Physics I (co-req MAT 122) CSC/MAT Elective Social Science elective PED activity course	3 3 4 3-4 3 1 Total: 17-18
4th	CSC 250 Computer Organization & Assembly Lang. Prog. (pre-req CMP211/CSC130) CSC/MAT elective Phy 152 Physics II (pre-req PHY151) Humanities Elective PED activity course	4 3-5 4 3 1 Total: 15-17

Degree Total: 66-70

*Note: Any student who chooses the two credit PED201 as the health elective must choose at least one four credit elective elsewhere to meet the graduation requirement of 66 total credits.

CSC/MAT Electives:

- CSC 260 (co-req CMP207/CSC250) – Analysis of Computer Architecture & Software
- MAT 131 (pre-req MAT 123) – Probability with Statistical Inference
- MAT 200 (pre-req MAT123) – Foundations of Advanced Mathematics
- MAT 225 (pre-req MAT123) – Multivariable Calculus
- MAT 226 (pre-req MAT225) – Linear Algebra with Differential Equations
- MAT 234 (pre-req MAT225) – Elementary Differential Equations
- MAT 235 (pre-req MAT 225) – Algebraic Structures