

Major Prerequisites Checklist

Name: _____

Home University: _____

Home/UC Major: _____

Computer Science

List course(s) where you have studied or will study the following prerequisites before attending UC.

Computer Science

Check areas covered by the course(s):

- Data structures Computer organization and assembly language

Course number & title	Where taken	Year
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Mathematics

Check areas covered by the course(s):

- Single variable calculus Multivariable calculus Differential equations Discrete mathematics Linear algebra

Course number & title	Where taken	Year
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Physics (calculus-based)

Check areas covered by the course(s):

- Mechanics Electromagnetism

Course number & title	Where taken	Year
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Computer Programming

Check programming language covered by the course(s):

- Introduction to programming C C++ Java MATLAB Python

Course number & title	Where taken	Year
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Engineering

List course(s) where you have studied or will study the following prerequisites before attending UC.

Mathematics

Check areas covered by the course(s):

- Single variable calculus
 Multivariable calculus
 Differential equations
 Linear algebra

Course number & title	Where taken	Year
_____	_____	_____
_____	_____	_____
_____	_____	_____

Physics (calculus-based)

Check areas covered by the course(s):

- Mechanics
 Electricity
 Magnetism
 Wave motion
 Heat
 Oscillation
 Physical optics
 Relativity
 Quantum physics
 Electrodynamics

Course number & title	Where taken	Year
_____	_____	_____
_____	_____	_____
_____	_____	_____

Chemistry

- General chemistry

Course number & title	Where taken	Year
_____	_____	_____

Computer Programming

Check programming language covered by the course(s):

- C
 C++
 Java
 MATLAB
 Python

Course number & title	Where taken	Year
_____	_____	_____
_____	_____	_____
_____	_____	_____