

# Computer Science Program Planner

## Effective for students entering in Fall 2010

### Core Requirements:

Core090	(if required by placement)	Core115/116	Core16_	Core25_
Core098		CORE131/133	Core17_	Core26_
Core099		CORE140 or 141-146	Core18_*	Core270
Core100		Core15_*	Core19_*	Core28_
Core110				

### Major Requirements:

#### 1) All Computer Science Majors take the following courses:

##### Freshman Year:

	CS116	Fundamentals of Programming I		CS117	Fundamentals of Programming II
	Math127	Logics & Axiomatics		CS115	Intro to Computer Science
	Math129	Analytical Geometry and Calculus I		MATH130	Analytical Geometry and Calculus II

##### Sophomore Year:

	CS232	Data Structures		CS310	Advanced Programming
	Math235	Discrete Mathematics			
	CIS106	IT Methods and Procedures			

#### 2) In addition to the above, Computer Science Majors completes

##### Two (2) of the following:

	CS305	Programming Languages		CS328	Theory of Algorithms
	CS364	Operating Systems		CS370	Computer Architecture

##### One of the following: (usually during their senior year)

	CS480	Software Engineering		CS499	CS Internship
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#### Four (4) electives selected from the following list: CS305 or higher, CIS244, CIS251, CIS356, CIS387

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