

**Computer Science Dual Major Freshman Specimens
For The Duals With Mathematics and With Physics
Revision of June 13, 2005**

Upper Level Specimen Programs Are Not Provided Since Progress Varies From Student to Student

Computer Science and Mathematics

A1:	CS U200 Discrete Structures and CS U201 (Recitation)	4
Fall	CS U211 Fundamentals of Computer Science 1 and CS U212 (Lab)	5
	CS U221 CS/IS Overview 1	1
	MTH U241 Calculus 1	4
	ENG U111 College Writing	4
A2:	CS U213 Fundamentals of Computer Science 2 and CS U214 (Lab)	5
Spring	CS U222 CS/IS Overview 2	1
	PHL U215 Symbolic Logic	4
	MTH U242 Calculus 2	4
	A&S Core or Elective	4

Computer Science and Physics

A1:	CS U200 Discrete Structures and CS U201 (Recitation)	4
Fall	CS U211 Fundamentals of Computer Science 1 and CS U212 (Lab)	5
	CS U221 CS/IS Overview 1	1
	MTH U241 Calculus 1	4
	PHY U161 Physics 1 and PHY U162 (Lab)	5
A2:	CS U213 Fundamentals of Computer Science 2 and CS U214 (Lab)	5
Spring	CS U222 CS/IS Overview 2	1
	MTH U242 Calculus 2	4
	PHY U165 Physics 2 and PHY U166 (Lab)	5
	ENG U111 College Writing	4