

### Example BSCS Semester Outline

First Semester		Cr.
APMA 1110	Single Var. Calculus	4
CHEM 1410	Intro College Chem	3
CHEM 1411	Intro Chem Lab	1
ENGR 1010	Engr. Foundations 1	4
HSS/UE		3
Total Credits		<b>15</b>

Second Semester		Cr.
CS 111X	Intro to Programming	3
APMA 2120	Multivariate Calculus	4
ENGR 1020	Engr. Foundations 2	3
PHYS 1425 & 1429	Physics I & Lab	4
Math/Sci Elective		3
Total Credits		<b>17</b>

Third Semester		Cr.
CS 2100	DSA 1	4
CS 2120	DMT 1	4
PHYS 2415	Physics II	3
PHYS 2419	Physics II Lab	1
HSS/UE		3
Total Credits		<b>15</b>

Fourth Semester		Cr.
CS 2130	CSO 1	3
CS 3140	SDE	3
APMA 3100	Probability	3
STS 2000/3000		3
HSS/UE (x2 courses)		6
Total Credits		<b>18</b>

Fifth Semester		Cr.
CS 3100	DSA 2	3
CS 3240	Adv. Software Dev.	3
APMA Elective		3
HSS/UE		3
HSS/UE		3
Total Credits		<b>15</b>

Sixth Semester		Cr.
CS 3120	DMT 2	3
CS 3130	CSO 2	4
CS Elective		3
APMA Elective		3
HSS/UE		3
Total Credits		<b>16</b>

Seventh Semester		Cr.
STS 4500	STS and Engineering	3
CS Elective		3
CS Elective		3
HSS/UE		3
HSS/UE		3
Total Credits		<b>15</b>

Eighth Semester		Cr.
STS 4600	Engineering, Ethics	3
CS Capstone		3
CS Elective		3
CS Elective		3
HSS/UE		3
Total Credits		<b>15</b>