



**Biology (BS)-STS Double Major
Total Minimum Credits 129**

Year 1

Fall Semester		Cr.	Sem.	Grade
Chem 125	General Chemistry I	3		
Hum 101	English Composition I	3		
Math 111	Calculus I	4		
BNFO 135	Prog. For Bioinformatics I	3		
R120:101	General Biology I	4		
Frsh	Freshman Seminar	0		
		17		

Spring Semester		Cr.	Sem.	Grade
Chem 124	General Chemistry Laboratory	1		
Chem 126	General Chemistry II	3		
Hum 102	English Composition II	3		
Math 112	Calculus II	4		
STS 101	Found of STS	3		
R120:102	General Biology II	4		
		18		

Year 2

Fall Semester		Cr.	Sem.	Grade
Math 211	Calculus III Focus 1	3		
Chem 243	Organic Chemistry I	3		
STS 257	Tech, Soc & Cult.: American View	3		
Phys 111	Physics I	3		
Phys 111A	Physics I Laboratory	1		
R120:201	Foundations of Biology	3		
R120:202	Foundations Laboratory	1		
		17		

Spring Semester		Cr.	Sem.	Grade
Math 333	Probability & Statistics	3		
Chem 244	Organic Chemistry II	3		
Chem 244A	Organic Chemistry Laboratory	2		
STS 258	Tech, Soc & Cult.: Global View	3		
Phys 121	Physics II	3		
Phys 121A	Physics II Laboratory	1		
Elective	Physical Education	1		
		16		

Year 3

Fall Semester		Cr.	Sem.	Grade
Phil 355	Philosophy of Science	3		
STS 304	Writing about STS	3		
Elective	Bio/STS Math Cognate* Focus 2	3		
Elective	Biology/STS Focus Course 3	3		
Elective	Biology Laboratory	4		
		16		

Spring Semester		Cr.	Sem.	Grade
STS 301	Independent Study	1		
STS 307	Research Methods in STS	3		
STS 310	Technology and Human Values	3		
Elective	Biology/STS Focus Course 4	3		
Elective	Biology Laboratory	4		
Elective	Physical Education	1		
		15		

Year 4

Fall Semester		Cr.	Sem.	Grade
STS 490	Project and Seminar I	3		
Elective	Biology Focus Course 5	3		
Elective	Biology Focus Course 6	3		
Elective	Biology Laboratory (3 or 4 credits)	3		
BNFO 136	Prog. For Bioinformatics II	3		
		15		

Spring Semester		Cr.	Sem.	Grade
STS 491	Project and Seminar II	3		
Mgmt 390	Principles of Management	3		
HSS 408	Humanities Senior Seminar	3		
Elective	Biology	3		
Elective	Biology	3		
		15		

Total Credits 129

Biol Credits 35

STS Credits 34

*Choice of Math 222, Math 226, Math 227, Math 337, or Math 340