

Sample BE schedule - Plant Biotechnology

*This schedule is one example for a student interested in plant biotechnology. An alternative option includes taking introduction to microbiology in place of plant biochemistry for a microbiology rather than plant focus.*

	Fall	Winter	Spring		
<b>First Year</b>					
MAT 21A	4	MAT 21B	4	MAT 21C	4
EBS 1	4	ENG 6 or ECS 32A	4	CHE 2B	5
UWP 1	4	CHE 2A	5	PHY 9A	5
GE	4	GE	4		
	16		17	14	Total Units
<b>Second Year</b>					
MAT 21D	4	*MAT 22A	3	*MAT 22B	3
PHY 9B	5	PHY 9C	5	ENG 17	4
BIS 2A	5	EBS 75	4	GE	4
ENG 35	4	ENG 3	4	GE	4
	18		16	15	Total Units
<b>Third Year</b>					
CHE 8A/118A	2	CHE 8B/118B	4	EBS 125	4
ENG 105	4	BIS 102	3	ENG 104	4
STA 100	4	ENG 103	4	UD Comp	4
ENG 100	3	EBS 130	4	BIS 103	3
ENG 102	4				
	17		15	15	Total Units
<b>Fourth Year</b>					
EBS 165	4	EBS 170 B/BL	3	EBS 170 C/CL	3
EBS 170A	3	ENG 106	3	BIM 140	4
GE	4	EBS 161	4	EBS 135	4
EBS 127	4	PBI 126	3	GE	4
	15		13	15	Total Units

**Total Units with GEs = 186 or 188**  
162

Bio/Life Sci Electives (9 units required)

BIS 102	Structure and Function of Biomolecules	3
BIS 103	Bioenergetics and Metabolism	3
PBI 126	Plant Biochemistry	3
		<u>9</u>
		9 units

EBS/ENG Elective (12 units required)

EBS 135	Bioenvironmental Engineering	4
EBS 161	Kinetics and Bioreactor Design	4
BIM 140	Protein Engineering	4
		<u>12</u>
		12 units

\*MAT 27A and MAT 27B are encouraged in place of MAT 22A and MAT 22B

