

Combined BS/MS Biotechnology Program – Sample Curriculum

YEAR 1				YEAR 2			
FALL		SPRING		FALL		SPRING	
BIO 121	4	Writing Intensive Course	3	BIO 327	3	BIO 326	3
CHE 106/107	4	BIO 224	2	BIO 460	1 - 4	ECN 101	3
MAT 285	3	CHE 116/117	4	CHE 275/276	5	WRT 205	3
WRT 105	3	MAT 221 or APM 391	3-4	ECN 102	3	Critical Reflections Course	3
Divisional Perspective: Social Sciences Elective [optional if taking BIO 121]	3	Divisional Perspective: Humanities Elective	3	Divisional Perspective: Humanities Elective	3	Divisional Perspective: Humanities Elective	3
Total Credits (BS)	13-17	Total Credits (BS)	15-16	Total Credits (BS)	15-18	Total Credits (BS)	15

YEAR 3				YEAR 4			
FALL		SPRING		FALL		SPRING	
ECN 301	3	BEN 568	3	*BIO 600 (Graduate Elective)	3	*BIO 600 (Graduate Elective)	3
EEE 370	3	Biology/Biotechnology Elective (Undergrad upper division)	3	*BIO 663	4	*BIO 664	4
Biology/Biotechnology Elective (Undergrad upper division)	3	Critical Reflections Course	3	Elective Courses (x3)	9	BIO 421	3
Critical Reflections Course	3	Divisional Perspective: Humanities Elective	3			Elective Courses (x2)	6
Elective Course (x1)	3	Elective Course (x1)	3				
Total Credits (BS)	15	Total Credits (BS)	15	Total Credits (BS/MS)	16	Total Credits (BS/MS)	16

YEAR 5			
FALL		SPRING	
BIO 600 Ethical Issues in Biotech	3	BIO 621 Graduate Capstone	1
BIO 667 Advances in Biotechnology Research & Ideas	3	BIO 674 Experimental Designs and Interpretations	3
Graduate Elective (x1)	3	Graduate Elective Course(x2)	6
EEE 620	3		
Total Credits (MS)	12	Total Credits (MS)	10

Undergraduate Requirements (Years 1 - 4):

- Minimum Total Credits: 120
- For each undergraduate semester:
 - students must take at least 12 credits to maintain full-time student status
 - students should not have more than 50% of their courses numbered 500-level or above
- BIO 460 (1 - 4 credits): maximum of 4 credits can be applied toward the BS; any additional BIO 460 credits can be applied toward the 120 required total credits (as elective course credit)
- BIO 461 (0 credits): can be taken as part of an off-campus internship during the summer, not during the academic year
- * indicates courses shared between BS and MS program (15 credits)