

**Biology (B.S.)**  
**Concentration in Professional LECOM Dental (4+4)**  
 Recommended Four-Year Plan  
 Slippery Rock University

Semester 1		Credits	Semester 2		Credits
ENGL 102: Critical Writing	3		ENGL 104: Critical Reading *or ENGL 220: Intro to Literary and Cultural Studies*	3	
BIOL 104: Principles of Biology/Lab	4		200-level Core Course (BIOL 201: General Botany/Lab, BIOL 212: General Zoology/Lab, or BIOL 250: Genetics/Lab )	4	
CHEM 107: General Chemistry I	3		CHEM 108: General Chemistry II	3	
CHEM 111: General Chemistry I Lab	1		CHEM 112: General Chemistry II Lab	1	
Arts Goal	3		Global Community – Non US Goal	3	
FYRST	1				
Total credits:		15	Total credits:		14
Semester 3		Credits	Semester 4		Credits
COMM 200: Public Speaking	3		200-level Core Course (BIOL 201: General Botany/Lab, BIOL 212: General Zoology/Lab, or BIOL 250: Genetics/Lab )	4	
Human Institutions	3		CHEM 202: Organic Chemistry II	3	
200-level Core Course (BIOL 201: General Botany/Lab, BIOL 212: General Zoology/Lab, or BIOL 250: Genetics/Lab )	4		CHEM 212: Organic Chemistry II Lab	1	
CHEM 201: Organic Chemistry I	3		MATH 225: Calculus I	4	
CHEM 211: Organic Chemistry I Lab	1		Global Community – Non US Goal	3	
Total credits:		14	Total credits:		15
Semester 5		Credits	Semester 6		Credits
CHEM 335: Biochemistry I or CHEM 301: Physical Chemistry I	3		PHYS 213: General Physics III/Lab or BIOL 300/400 (except BIOL 300, 314, 315, 316, 345)	4	
PHYS 211: General Physics I/Lab	4		BIOL 300+: Upper Level BIOL Elective	3	
BIOL 300+: Upper Level BIOL Elective	3		BIOL 300+: Upper Level BIOL Elective	3	
BIOL 300+: Upper Level BIOL Elective	3		Challenges of the Modern Age	3	
Liberal Studies Enrichment	3		Free Elective	3	
Total credits:		16	Total credits:		16
Semester 7		Credits	Semester 8		Credits
BIOL 300+: Upper Level BIOL Elective	3		BIOL 300+: Upper Level BIOL Elective	3	
BIOL 300+: Upper Level BIOL Elective	3		BIOL 490: Independent Study Option or BIOL 300+: Upper Level BIOL Elective	3	
Liberal Studies Enrichment	3		BIOL 492: Senior Seminar	1	
Free Elective	3		Global Community – US Goal	3	
Free Elective	3		Free Elective	3	
Total credits:		15	Total credits:		15
			<b>Total Program Credits</b>		<b>120</b>