

A.S. in BIOLOGY/PRE-MEDICINE AS/MD OPTION (061G) 62 Credits

Essex County College, Biology, Chemistry, and Physics Division – Curriculum Guide

STUDENT: _____

ID#: _____

General Education Requirements (30 Crs.)		Crs.	✓
Written & Oral Communication (6 Crs.)			
ENG 101	College Composition I	3	
ENG 102	College Composition II	3	
Quantitative/Scientific Knowledge, Skills & Reasoning (12 Crs.)			
MTH 118	Pre-Calculus	4	
BIO 103	General Biology	4	
BIO 104	General Biology II	4	
Society & Human Behavior (6 Crs.)			
PSY 101 and SOC 101	Complete the Two Courses	3	
		3	
Humanistic Perspective (3 Crs.)			
E.g., ENG 205, 208, 215, 221, 222, 232, 237, 238, 242, 250, 263, 264	Choose One English Literature Course	3	
Historical Perspective (3 Crs.)			
E.g., HST 101, 102, 111, 112, 121, 122, 131, 132, 134, 135, 136, 137, 161, 162	Choose One History Course	3	
Major Requirements (32 Crs.)			
BIO 211	Microbiology	4	
CHM 103	General Chemistry I	4	
CHM 104	General Chemistry II	4	
CHM 203	Organic Chemistry I	4	
CHM 204	Organic Chemistry II	4	
MTH 121	Calculus I	4	
PHY 101	College Physics I	4	
PHY 102	College Physics II	4	
Total Credits Required		62	

NOTES:

- No grade of “D” is acceptable in any BIO, CHM, PHY, or MTH courses.
- MTH 119 – MTH 120 (8 cr.) sequence may be substituted for MTH 118 (4 cr)
- BIO 121 – BIO 122 (8 cr.) sequence may be substituted for BIO 211 (4 cr)
- This plan assumes successful completion of all required developmental courses in Reading, Writing and Mathematics as well as other pre-and co-requisites for some of the courses as required by the division.
- Minimum required GPA for articulation is 3.5

THIS PROGRAM IS NOT ELIGIBLE FOR FINANCIAL AID