

**TO**  
**BIOLOGY B.A. 2+2 ADVISING GUIDE**

OCC COURSES		LE MOYNE EQUIVALENCIES	
First Year	Credits		Credits
ENG 103 Freshman Composition and Literature I	3	Core requirement*: WRT 101	3
MAT 161 Calculus I	4	Major Requirement: MTH 145†	4
BIO 151 General Biology I	4	Major Requirement: BIO 191	4
CHE 171/171L General Chemistry II	4	Major Support Requirement: CHM 151/151L	4
History (SUNY Gen. Ed. American History or Western Civilization). Choose HIS 103	3	Core requirement*: HST 110	3
PEH/HEA/FYS Elective. Choose FYS elective.	1	Core requirement*: COR 100	1
ENG 104 Freshman Composition and Literature II	3	Core requirement*: ENG 310	3
BIO 152 General Biology II	4	Major Requirement: BIO 192	4
CHE 172/172L General Chemistry II	4	Major Support Requirement: CHM 152/152L	4
<b>Total Credits:</b>	<b>30</b>		<b>30</b>

Second Year	Credits		Credits
MAT 151 Statistics I or MAT 162 Calculus II: Choose MAT 151.	4	Math Core Requirement: MTH 111† or MTH 146	4
COM 100 Introduction to Communications or COM 210 Public Speaking	3	Free elective	3
Language (SUNY Gen. Ed. Foreign Language)	3	Core requirement*: EAC	3
Language (SUNY Gen. Ed. Foreign Language)	3	Core requirement*: EAC	3
Biology Elective. Choose CHE 205/205L, CHE 206/206L, PHY 103 or 105, PHY 104 or 205, BIO 253	12-14	Major Support Requirement: CHM 223/223L, 224/224L, PHY 101/103, or 105/103, PHY 102/104 or PHY 106/104 Major requirement: BIO 253=BIO 320	12-14
SUNY Gen. Ed. Elective: Choose MAT 152 if MAT 151 was taken.	3	MTH 112† or free elective	3
General Elective	3	Core requirement*: Diversity	3
<b>Total Credits:</b>	<b>31-33</b>		<b>31-33</b>
<b>Total Program Credits:</b>	<b>60**</b>		<b>60**</b>

## LE MOYNE COURSEWORK

Suggested Third Year Courses	Credits	Suggested Fourth Year Courses	Credits
Core Requirement: PHL 110	3	Core Requirement: PHL 210	3
Core Requirement: ENG 210	3	Core Requirement: Religion	3
Core Requirement: VPA	3	Core Requirement: COR 400	3
Core Requirement: Theology	3	Core Requirement: Interdisciplinary Studies (IDS)	3
Core Requirement: HST 111	3	Major Requirement: Molecular and Cellular Biology Elective***	3 or 4
Major Requirement: BIO 218	4	Biology Major Elective***	3 or 4
Major Requirement: BIO 225	3	Major Requirement: Organismal Biology Elective***	3 or 4
Core requirement: Social Science	3	Biology Major Elective***	3 or 4
Major requirement: Ecology & Population Biology Elective***	3 or 4	Free Elective	4
Biology Major Elective***	3 or 4	Statistics Requirement† or free elective	3
<b>Total Credits Taken at Le Moyne College:</b>			<b>68</b>
<b>Total Program Credits Needed:</b>			<b>128††</b>

*This is a guide to a four-year completion of a B.S. Biological Sciences at Le Moyne College after transferring from Onondaga Community College with a major in Liberal Arts and Sciences. It is suggested you complete the courses as listed to remain on track for a four-year degree.*

### Le Moyne College Notes:

\*See Core Articulation Agreement

Students must receive a grade of C- or higher to receive transfer credit. Note: For graduate programs in which a course is a pre-requisite a C or higher must be earned.

\*\*Maximum of 60 credits/20 courses accepted for transfer credit.

\*\*\*Must take 7 courses which involve a laboratory.

+All biology majors must take at least one semester of statistics (MTH 110 Introduction to Statistics I (no Computer Lab) or MTH 111 Introduction to Statistics I (with Computer Lab)); this will satisfy the College Core requirement for Mathematics. Students choosing a two semester sequence in Chemistry or Physics must also take at least one semester of statistics (MTH 110 Introduction to Statistics I (no Computer Lab) or MTH 111 Introduction to Statistics I (with Computer Lab)); students who choose to take both semesters of statistics may take an additional free elective. Students should consult with faculty advisors to determine which option is best depending on career goals.

†† Must earn 128 total credits for degree, additional free elective credit may be required.

Must take at least 6 core courses at LMC, 1 course must be writing instructional, COR 400 must be taken at LMC.