

**TRANSFER COURSE EQUIVALENCY TABLE**

| Nassau Community College<br>Biology (A.S.)<br>Chairperson Biology Department |  |                      | Molloy University<br>Biology Pre-Allied Health Track – (B.S.)<br>Stephen Ostendorff, Dean of Admissions<br>admissions@molloy.edu |   |         |  |              |
|--|--|----------------------|--|---|---------|--|--------------|
| Course #   | Course Title   | Credits              | Course #   | Course Title  | Credits | Equivalency                              |              |
| BIO 109  | General Biology I  | 4                    | BIO 1260   | General Biology I   | 4       | Major Requirement                        |              |
| CHE 151  | General Chemistry I  | 4                    | CHE 1320   | Inorganic Chemistry I   | 4       | Related Requirement                      |              |
| ENG 100 or 101, 108  | Enhanced Composition I, Composition I, or The Craft of Composition/Honors English  | 3                    | ENG 1110   | Composition I   | 3       | General Education Requirement            |              |
| MAT 111  | Mathematics Elective (Pre-Calculus)  | 4                    | MAT 1180   | Pre-Calculus  | 4       | Related Requirement                      |              |
| PSY 203  | Social Science Elective (Intro to Psychology required)                             | 3                    | PSY 1110   | Introduction to Psychology  | 3       | Related Requirement                      |              |
| BIO 110  | General Biology II   | 4                    | BIO 1270   | General Biology II  | 4       | Major Requirement                        |              |
| CHE 152  | General Chemistry II   | 4                    | CHE 1330   | Inorganic Chemistry II  | 4       | Related Requirement                      |              |
| ENG 102, 103 or 109  | Composition II, Writing in the Sciences, or The Art of Analysis/ Honors English II | 3                    | ENG 1500   | Introduction to Literature  | 3       | General Education Requirement            |              |
| MAT 122  | Mathematics Elective (Calculus I Required)   | 4                    | MAT 2210   | Calculus I  | 4       | Related Requirement                      |              |
| SOC 201  | Social Science Elective (Intro to Sociology required)                              | 3                    | SOC 1010   | Introduction to Sociology   | 3       | Related Requirement                      |              |
| BIO  | Biology 200-Level Elective   | 4                    | BIO  | 200 Level Course  | 4       | Major Requirement                        |              |
| CHE 201  | Organic Chemistry I  | 5                    | CHE 2000   | Organic Chemistry I   | 4       | Related Requirement                      |              |
|  | Elective   | 3                    | CHE ELEC   | Chemistry Elective  | 1       | Elective Requirement                     |              |
|  | Humanities Elective  | 3                    |  | Elective  | 3       | Elective Requirement                     |              |
|  |  |                      |  | Choose from Art or Music History, Speech Communications, Language or Philosophy | 3       | General Education Requirement            |              |
| PED  | Physical Education Activity  | 1                    | PED GNED   | Physical Education General Ed Activity  | 1       | General Education Requirement            |              |
| BIO  | Biology 200-Level Elective   | 3-4                  | BIO  | 200 Level Course  | 3-4     | Major Requirement                        |              |
| CHE 202  | Organic Chemistry II   | 5                    | CHE 2010   | Organic Chemistry II  | 5       | Related Requirement                      |              |
|  | Humanities Elective  | 3                    |  | Choose from Art or Music History, Speech Communications, Language or Philosophy | 3       | General Education Requirement            |              |
| PED  | Physical Education Activity  | 1                    | PED ELEC   | Physical Education Elective   | 1       | Elective                                 |              |
|  |  |                      |  |   |         |  |              |
|  |  |                      |  |   |         |  |              |
|  |  |                      |  |   |         |  |              |
|  |  |                      |  |   |         |  |              |
|  |  | <b>Total Credits</b> | 64-65  |   |         | <b>Total Credits Transferred</b>         | 64-65        |
|  |  |                      |  |   |         | <b>Estimated Total credits remaining</b> | <b>54-55</b> |

**MOLLOY UNIVERSITY  
UPPER DIVISION COURSES REMAINING FOR  
BS BIOLOGY PRE-ALLIED HEALTH TRACK**

**MAJOR REQUIREMENTS**

| <b>Course Number</b> | <b>Course Title</b>            | <b>Credits</b> |
|----------------------|--------------------------------|----------------|
| BIO 1200             | Anatomy and Physiology I       | 4              |
| BIO 1210             | Anatomy and Physiology II      | 4              |
| BIO 2420             | Genetics                       | 4              |
| BIO 2450             | Microbiology                   | 4              |
| BIO 2570             | Scientific Research Techniques | 2              |
| BIO 4600             | Field Experience in Biology I  | 3              |
| BIO 4900             | Biology Seminar                | 2              |
| BIO 2000/3000 Level  | Biology 2000/3000 Level Course | 4-5            |
| <b>TOTAL</b>         |                                | <b>27-28</b>   |

**MAJOR – RELATED REQUIREMENTS**

| <b>Course Number</b> | <b>Course Title</b>      | <b>Credits</b> |
|----------------------|--------------------------|----------------|
| PSY 2040             | Developmental Psychology | 3              |
| MAT 1150A            | Elementary Statistics    | 3              |
| PHY 2700             | General Physics I        | 4              |
| PHY 2710             | General Physics II       | 4              |
| <b>TOTAL</b>         |                          | <b>14</b>      |

**GENERAL EDUCATION REQUIREMENTS**

| <b>Course Number</b> | <b>Course Title</b>                    | <b>Credits</b> |
|----------------------|--|----------------|
| TRS GNED             | Theology General Education Requirement | 3              |
| ETH GNED             | Ethics General Education Requirement   | 3              |
| <b>TOTAL</b>         |  | <b>6</b>       |

**FREE ELECTIVES (MET)**

| <b>Course Number</b> | <b>Education Courses</b> | <b>Credits</b> |
|----------------------|--------------------------|----------------|
|                      |                          | 16             |
| <b>TOTAL</b>         |                          | <b>16</b>      |