

## Biology (BIO) Course Equivalency Guide between Maricopa Community Colleges and Grand Canyon University



The following table is the assessment of the courses between Maricopa Community Colleges and Grand Canyon University. The following will be used in evaluating official transcripts.

These courses fulfill the competency requirements; however, the courses may not fulfill the credit requirements. To obtain an undergraduate degree at GCU, students are required to meet a minimum of 120 semester credit hours.

| Maricopa Community Colleges |   |                   | Grand Canyon University                                   |  |                          |
|-----------------------------|---|-------------------|---|--|--------------------------|
| Transfer Course Code        | Transfer Course Title                                       | Transcript Credit | GCU Course Code   | GCU Course Title OR General Education Category (if applicable)   | Applied Semester Credits |
| BIO100                      | BIOLOGICAL CONCEPTS   | 4                 | BIO-130   | INTRODUCTION TO LIFE SCIENCES I  | 4                        |
| BIO101                      | INTRODUCTION TO HUMAN GENETICS FOR NON-MAJORS               | 4                 |   | Critical Thinking Transfer - LD  | 4                        |
| BIO102                      | CELLS TO SYSTEMS: AN INTRODUCTION TO BIOLOGY FOR NON-MAJORS | 4                 |   | Critical Thinking Transfer - LD  | 4                        |
| BIO105                      | ENVIRONMENTAL BIOLOGY                                       | 4                 | BIO-220   | ENVIRONMENTAL SCIENCE  | 4                        |
| BIO107                      | INTRODUCTION TO BIOTECHNOLOGY                               | 4                 |   | Critical Thinking Transfer - LD  | 4                        |
| BIO108                      | PLANTS AND SOCIETY  | 4                 |   | Critical Thinking Transfer - LD  | 4                        |
| BIO109                      | NATURAL HISTORY OF THE SOUTHWEST                            | 4                 |   | Critical Thinking Transfer - LD  | 4                        |
| BIO111                      | MICROBES AND SOCIETY  | 4                 |   | Critical Thinking Transfer - LD  | 4                        |
| BIO145                      | MARINE BIOLOGY  | 4                 |   | Critical Thinking Transfer - LD  | 4                        |
| BIO156                      | INTRODUCTION TO BIOLOGY FOR ALLIED HEALTH                   | 4                 |   | Critical Thinking Transfer - LD  | 4                        |
| BIO160                      | INTRODUCTION TO HUMAN ANATOMY AND PHYSIOLOGY                | 4                 | BIO-155 and BIO-155L                                      | INTRODUCTION TO ANATOMY AND PHYSIOLOGY (LECTURE & LAB)   | 4                        |
| BIO162                      | MICROBIOLOGY CONCEPTS FOR ALLIED HEALTH                     | 2                 |   | Critical Thinking Transfer - LD  | 2                        |
| BIO173                      | BASIC INSTRUMENTATION AND LAB MATH                          | 1                 |   | Elective Transfer – LD   | 1                        |
| BIO175                      | RESEARCH METHODS IN BIOLOGY                                 | 1                 |   | Critical Thinking Transfer - LD  | 1                        |
| BIO181                      | GENERAL BIOLOGY (MAJORS) I                                  | 4                 | BIO-181 and BIO-181L                                      | GENERAL BIOLOGY I (LECTURE & LAB)  | 4                        |
| BIO182                      | GENERAL BIOLOGY (MAJORS) II                                 | 4                 | BIO-182 and BIO-182L                                      | GENERAL BIOLOGY II (LECTURE & LAB)   | 4                        |
| BIO201                      | HUMAN ANATOMY AND PHYSIOLOGY I                              | 4                 | BIO-201 and BIO-201L<br><b>OR</b><br>BIO-210 and BIO-210L | HUMAN ANATOMY AND PHYSIOLOGY I (LECTURE & LAB)<br><b>OR</b><br>ANATOMY AND PHYSIOLOGY FOR SCIENCE MAJORS I (LECTURE & LAB)   | 4                        |
| BIO202                      | HUMAN ANATOMY AND PHYSIOLOGY II                             | 4                 | BIO-202 and BIO-202L<br><b>OR</b><br>BIO-211 and BIO-211L | HUMAN ANATOMY AND PHYSIOLOGY II (LECTURE & LAB)<br><b>OR</b><br>ANATOMY AND PHYSIOLOGY FOR SCIENCE MAJORS II (LECTURE & LAB) | 4                        |
| BIO205                      | MICROBIOLOGY  | 4                 | BIO-205 and BIO-205L<br><b>OR</b><br>BIO-215 and BIO-215L | MICROBIOLOGY (LECTURE & LAB)<br><b>OR</b><br>GENERAL MICROBIOLOGY (LECTURE & LAB)  | 4                        |
| BIO208                      | NUCLEIC ACID METHODS  | 3                 |   | Critical Thinking Transfer - LD  | 3                        |
| BIO209                      | BIOMOLECULAR SEPARATION                                     | 3                 |   | Critical Thinking Transfer - LD  | 3                        |

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| BIO210                      | ADVANCED LAB INSTRUMENTATION                     | 3                 |                         | Critical Thinking Transfer - LD                                | 3                        |
| BIO211AA-AE                 | BIOTECHNOLOGY SEMINAR                            | 1                 |                         | Elective Transfer – LD   | 1                        |
| BIO212AA                    | BIOTECHNOLOGY I                                  | 5                 |                         | Critical Thinking Transfer - LD                                | 5                        |
| BIO212AB                    | BIOTECHNOLOGY I                                  | 5                 |                         | Critical Thinking Transfer - LD                                | 5                        |
| BIO212AC                    | BIOTECHNOLOGY I                                  | 5                 |                         | Critical Thinking Transfer - LD                                | 5                        |
| BIO213                      | BIOTECHNOLOGY REFRESHER                          | 2                 |                         | Critical Thinking Transfer - LD                                | 2                        |
| BIO215                      | BIOTECHNOLOGY INTERNSHIP                         | 3                 |                         | Critical Thinking Transfer - LD                                | 3                        |
| BIO220                      | BIOLOGY OF MICROORGANISMS                        | 4                 | BIO-205                 | MICROBIOLOGY   | 4                        |
| BIO240                      | GENERAL GENETICS                                 | 4                 | BIO-457                 | GENETICS   | 4                        |
| BIO241                      | HUMAN GENETICS                                   | 4                 |                         | Critical Thinking Transfer - LD                                | 4                        |
| BIO244                      | GENERAL GENETICS LABORATORY                      | 1                 |                         | Critical Thinking Transfer - LD                                | 1                        |
| BIO245                      | CELLULAR AND MOLECULAR BIOLOGY                   | 4                 | BIO-333                 | MOLECULAR AND CELLULAR BIOLOGY                                 | 4                        |
| BIO247                      | APPLIED BIOSCIENCES:<br>BIOTECHNOLOGY            | 4                 |                         | Critical Thinking Transfer - LD                                | 4                        |
| BIO249                      | APPLIED BIOSCIENCES:<br>BIOTECHNOLOGY INTERNSHIP | 4                 |                         | Elective Transfer – LD   | 4                        |
| BIO280                      | ANIMAL BEHAVIOR                                  | 3                 |                         | Critical Thinking Transfer - LD                                | 3                        |
| BIO294                      | SCIENTIFIC DIVING                                | 3                 |                         | Critical Thinking Transfer - LD                                | 3                        |

All Grand Canyon University programs follow a Program of Study, which can be changed by the University at any time. All Programs of Study are subject to the terms, conditions, and policies outlined in the University's enrollment application and the [University Policy Handbook](#).

Effective June 2017