BIOLOGY (DTA/MRP)(PLAN CODE: GEBBIAS)

Academic Plans, known as programs, include an overview description and a summary of program requirements. You can search the online catalog via the Academic Plan links on the right for a desired program or a specific course information.

Basic Requirements

1. May be individualized based on baccalaureate college of choice.
2. Statistics (a course that includes descriptive and inferential statistics) may substitute for Calculus I at some institutions; students are encouraged to check with the transfer institution early in their decision process to confirm requirements.
3. Intermediate Algebra proficiency may be demonstrated by successful completion of a Calculus and/or Statistics course for which Intermediate Algebra is a prerequisite.
4. Completion of a minimum of 60 quarter hours of general education is required.

Distribution Requirements

1. In order to better prepare for successful transfer, students are encouraged to consult with the institution(s) to which they wish to transfer regarding the humanities courses that best support or may be required as prerequisites to their Biology curriculum.
2. In order to better prepare for successful transfer, students are encouraged to consult with the institution(s) to which they wish to transfer regarding the social science courses that best support or may be required as prerequisites to their Biology curriculum.
3. A full year sequence at a single college is the best preparation for the baccalaureate biology degree.

Electives

1. Electives allow students to include additional courses to prepare for the biology major based on college selection. Examples include a full year sequence of organic chemistry for majors; a full year sequence of physics for science majors; or further math at the pre-calculus level or above or statistics.

Students should check with the transfer institution prior to taking any further biology courses beyond the one-year sequence. Some colleges require all continuing biology courses be taken at the 300 level.

Clark College Equivalents

It is recommended that students complete the sequenced science courses before transferring.

Code	Title	Credits/ Units
Basic Requirements		
Communication Skills		
ENGL& 101	English Composition I	5
ENGL& 102	English Composition II	5
or ENGL& 235	Technical Writing	
Quantitative/Symbolic Reasoning Requirement [1]		
Select one from the following:		5-6
MATH& 148	Business Calculus	
MATH& 146	Introduction to Stats	
MATH 151	Calculus I	
MATH 140	Calculus for Life Sciences	
Distribution Requirements		
Humanities		
Course Options (https://catalog.clark.edu/degree-certificate-requirements/transfer-degree-distribution-list/#humanities)		15
Social Sciences		
Course Options (https://catalog.clark.edu/degree-certificate-requirements/transfer-degree-distribution-list/#social-sciences)		15
Natural Sciences		
BIOL& 221	Majors Ecology/Evolution	5
BIOL& 222	Majors Cell/Molecular	5
BIOL& 223	Majors Organismal Phys	5
CHEM& 141	General Chemistry I	4
CHEM& 142	General Chemistry II	4
CHEM& 143	General Chemistry III	4
CHEM& 151	General Chemistry Laboratory I	1
CHEM& 152	General Chemistry Laboratory II	1
CHEM& 153	General Chemistry Laboratory III	2
Electives		
Select 14 additional term credits/units [2]		14
Total Credits/Units		**90**

[1] Check with transfer institution to see if MATH 147 will also be necessary.

[2] Note: Clark's chemistry sequence has 16 credits/units.

Program Outcomes

Program outcomes are overarching skills that are emphasized and reinforced throughout several courses in a specific program; they are measurable statements that define what students should know or be able to do by the end of a certificate or degree at Clark College. After successful completion of this program, students will be able to:

- Acquire scientific information from appropriate sources to analyze issues, claims or situations.
- Apply scientific methodologies to develop and answer questions about the natural world.

Program maps are a suggested academic plan and should not be used in the place of regular academic advising appointments. Your student entry method, placement, course availability, and program requirements are subject to change and transfer credit(s)/unit(s) may change your map/plan.
To view the current suggested map for your program please visit our website https://programmap.clark.edu/academics (https://programmap.clark.edu/academics/)