

## **Biological Sciences Undergraduate Teaching Assistant Fellows Program Spring 2022**

The Biological Sciences Program, within the College of Computer, Mathematical and Natural Sciences, will employ Undergraduate Teaching Assistants (UTAs) Spring 2022 in a program designed to develop teaching and communication skills, organization ability, knowledge, and leadership. Each UTA will be supervised by the lab/discussion coordinator or class instructor for the course they are assigned to, and will be required to perform the duties typically expected of a teaching assistant.

### UTA responsibilities vary by class and they might include:

- Attend weekly prep meetings as scheduled by the lab or discussion supervisor (see below for times)
- Attend lectures
- Teach one lab or discussion section per week (lab/discussion UTAs)
- Adequately prepare for teaching
- Grade papers & assignments as assigned by the lab or discussion supervisor, or the faculty instructor
- Hold office hours
- UTA's who have not previously done so will register for and attend a 1-credit weekly seminar course on teaching skills and issues, BSCI279P, which meets on Tuesdays 3:30 - 4:20 pm

This work will require an average of 10 hours per week, depending on the course requirements. The stipend is \$1,875 for the semester, paid in an hourly wage. Undergraduate students will be hired for only one UTA position in any given semester, but will be allowed to apply for a position in a later semester, assuming their performance is satisfactory.

**Interested students fill out the application found here:** <https://www.surveymonkey.com/r/uta-spring22>

### UTA applications are due November 15, 2021.

Some UTA positions will be awarded before December 15<sup>th</sup> 2021. However, most positions will be awarded between December 15<sup>th</sup> and December 23<sup>rd</sup>. Hiring will continue throughout the winter break until all positions are filled.

### Minimum application requirements:

- Second year student
- Overall GPA of 3.0 or higher
- Have taken the course they wish to TA at UMCP and earned a grade of B or higher.
  - Students with AP credit for a course will have completed the next higher level course with a grade of B or higher
  - For the non-majors courses a UTA will have earned a grade of B or higher in either BSCI160 or BSCI170, taken at UMCP.
- Sufficient time free for the UTA position
  - Time free to devote 10 hrs per week to teaching
  - Time free to attend prep meeting. Prep meeting times are provided below.
  - Time to attend the 1-hour per week teaching skills seminar course (new UTAs only). The teaching seminar course will be held Tuesdays 3:30 - 4:20 pm

The courses available for UTAs and the typical prep meeting times for each course are listed below. UTA positions will be filled based on staffing needs and applicant backgrounds and preferences.

*BSCI103 The World of Biology.* An introduction to modern biology for the non-science major.  
Prep meeting: Thursday afternoon

*BSCI135 Amazing Green: Plants that Transformed the World for Non-Science Students.* A basic course in plant biology specifically designed for the non-science student.  
Prep meeting: Friday afternoon

*BSCI160 Principles of Ecology and Evolution.* Basic principles of biology with special emphasis on ecological and evolutionary biology.  
Prep meeting: TBA

*BSCI161 Principles of Ecology and Evolution Lab.* Basic laboratory principles of biology with special emphasis on ecological and evolutionary biology.

Prep meeting: likely Friday 9 - 11am

*BSCI170 Principles of Molecular and Cellular Biology.* Basic principles of biology with special emphasis on cellular and molecular biology.

Prep meetings: TBA

*BSCI171 Principles of Molecular and Cellular Biology Lab.* Basic laboratory principles of biology with special emphasis on cellular and molecular biology.

Prep meetings: Friday 2 - 5pm

*BSCI201 Human Anatomy and Physiology I.* Anatomy and physiology of the skeletal, muscular, neural, endocrine, and sensory systems.

Prep meetings: TBA

*BSCI202 Human Anatomy and Physiology II.* Anatomy and physiology of the cardiovascular, respiratory, immune, digestive, urinary and reproductive systems.

Prep meetings: Friday 11am - 1pm

*BSCI207 Principles of Biology III – Organismal Biology.* The diversity, structure and function of organisms as understood from the perspective of their common physicochemical principles and unique evolutionary histories.

Prep meeting: TBA

*BSCI222 Principles of Genetics.* Principles and mechanisms of heredity and gene expression.

Prep meetings: Friday 12 - 1pm

*BSCI330 Cell Biology and Physiology.* Biochemical and physiological mechanisms underlying cellular function. Properties of cells which make life possible and mechanisms by which cells provide energy, reproduce, and regulate and integrate with each other and their environment.

Prep meetings: Friday afternoon

*BSCI447 General Endocrinology.* Functions and dysfunctions of the endocrine system with special reference to mammals.

Prep meetings: TBA

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Questions? Contact Dr. Francisca Saavedra, [saavedra@umd.edu](mailto:saavedra@umd.edu)