

# CERTIFICATE IN BIOLOGICAL SCIENCES

---

## Department of Biological Sciences

Dr. Mark Womble, Graduate Program Director  
4063 Ward Beecher Science Hall  
(330) 941-4727  
mdwomble@ysu.edu

### Certificate Description

The Graduate Certificate in Biological Sciences provides CCP high school teachers who teach General Biology courses for college credit the required 18 credit hours of graduate-level Biology content courses.

### Admission Requirements

- A previously obtained undergraduate degree from an accredited college or university, with a minimum cumulative grade point average of 2.7.
- Must be a licensed science teacher.
- Have an undergraduate degree that included a minimum total of 20 credit hours in Biology, Chemistry, and/or Physics.
- Submission of two (2) letters of recommendation.

### Certificate Requirements

The Certificate requires the completion of at least 18 credit hours of Biology graduate courses. At least 9 credit hours of this coursework must be at the 6900 level. All courses must be graded and all course grades must be at the A or B level.

Students should consult with the departmental Graduate Director to decide which Biology courses best meet his/her educational goals and to devise a curricular plan for completion of the Certificate program.