

REQUIREMENTS FOR THE GRADUATE CERTIFICATE
DODGE COLLEGE OF ARTS AND SCIENCES
THE UNIVERSITY OF OKLAHOMA

Academic Year
For Students Entering the Oklahoma State System for Higher Education Summer 2023 through Spring 2024

General Requirements
Minimum Total Hours 15

Program
Microscopic Imaging and Technology G619 Graduate Certificate

The Certificate Program in Microscopic Imaging and Technology is designed for graduate students with a strong interest in the investigation of using advanced imaging technology to characterize biological, materials and physical science specimens at a range of resolutions that can reach to a near atomic level. Students who may be interested in this certificate come from a wide range of interests (e.g., Biology, Microbiology, Plant Biology, Biomedical Engineering, Biotechnology, Chemistry, Biochemistry, Materials Sciences, Nanotechnology, Physics).

CERTIFICATE REQUIREMENTS

Code	Title	Credit Hours
MBIO 5364	Transmission Electron Microscopy (crosslisted with PBIO and BIOL)	4
MBIO 5374	Scanning Electron Microscopy (crosslisted with PBIO and BIOL)	4
MBIO 5394	Advanced Light Microscopy (crosslisted with PBIO and BIOL)	4
Choose 3 hours of Independent Research selected from a list maintained by the Department of Microbiology and Plant Biology		3
Total Credit Hours		15

A graduate *certificate* is not a graduate *degree*. A graduate degree represents a program of independent inquiry beyond the depth of coursework alone, while a graduate certificate represents a set of courses only.

- All courses must be taken at OU. No transfer credit will apply.
- No course substitutions are permitted for graduate certificates.
- Coursework applied to a graduate certificate cannot be more than five years old as of the semester the graduate certificate is awarded.
- Students must earn a grade point average of 3.00 or higher on all coursework applied to the graduate certificate.

More information in the catalog: (<http://ou-public.courseleaf.com/dodge-arts-sciences/biological-sciences/microscopic-imaging-technology-graduate-certificate/>).