

# Certificate in Biomaterials and Tissue Engineering

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## Admission

To be considered for admission to the program, applicants must meet the following in addition to the requirements for admission into the Graduate School:

1. A bachelor's degree in a discipline relevant to biomedical engineering from a regionally accredited institution; and
2. Minimum undergraduate GPA of 3.000 on a 4.000 scale.

Students who do not meet the 3.000 grade point average requirement may be admitted to this category on probation if reasonable evidence exists to indicate their ability to perform satisfactorily in 800-level or above coursework.

International applicants requiring an F-1 visa must be admitted into a degree-bound program and will not be admitted directly into the certificate program.

Current graduate students of WSU should complete the Declaration of Intent to Pursue a Graduate Certificate form through the Graduate School website. The admission review faculty may request any of the listed admission requirements before rendering an admission decision.

## Program Requirements

The program requires satisfactory completion of 12 credit hours: two required courses and two elective courses from the list of approved elective courses. In addition to these requirements, students must meet the Graduate School's requirements (<http://catalog.wichita.edu/graduate/academic-information/types-programs-courses/certificates-graduate-programs/>) in order to earn this certificate.

Course	Title	Hours
<b>Required Courses (6 credit hours)</b>		
BME 771	Polymer Processing and Technology	3
BME 779	Tissue Engineering	3
<b>Approved Elective Courses (6 credit hours)</b>		
Select two of the following approved elective courses		6
BME 748	Biomolecular and Cellular Engineering	
BME 743	Mechanobiology of Cells and Tissue	
BME 777	Biodegradable Materials	
ME 762	Polymeric Composite Materials	
ME 844	Advanced Biomaterials	
BIOL 760	Experimental Molecular Biology Lab	
BME 890	Independent Study	
<b>Total Credit Hours</b>		<b>12</b>