

# BLOOD BANKING/ IMMUNOHEMATOLOGY, UNDERGRADUATE CERTIFICATE

hours (45 quarter hours) of biology, chemistry and/or medical science courses including genetics within the last 5 years and a grade point average of 3.00 or above (4.00 scale.)

The Certificate in Blood Banking trains students to meet the critical need for medical laboratory scientists in the workforce that make sure donated blood is safe for use in blood transfusions and other procedures. Students successfully completing this certificate are eligible to sit for the American Society for Clinical Pathology Board of Certification (ASCP-BOC) Technologist in Blood Bank exam and be employable in a medical laboratory or blood center.

## Requirements

Successful completion of the undergraduate certificate in Blood Banking/Immunohematology allows the individual to sit for the American Society of Clinical Pathology Board of Certification (ASCP-BOC) Technologist/Scientist in Blood Bank national certification exam and be employable in a medical laboratory or blood center. This curriculum meets entry level practitioner competency as outlined by the American Society for Clinical Laboratory Science.

Most of the required courses are delivered in face-to-face format.

Code	Title	Credits
BMS 427	Clinical Immunology	3
BMS 428	Clinical Immunology Laboratory	1
BMS 529	Introduction to Immunohematology	3
BMS 530	Immunohematology and Blood Banking Laboratory	1
BMS 532	Advanced Clinical Immunohematology and Immunology <sup>1</sup>	3
BMS 560	Molecular and Genetic Diagnostics	2
BMS 561	Molecular Diagnostics Laboratory	1
BMS 599	Independent Study	1
<b>Total Credits</b>		<b>15</b>

<sup>1</sup> BMS 532 is a 4-week capstone course (120 clinical hours) of practical training experience working in a clinical blood bank laboratory.

## Admission

Applicants are admitted to the certificate program in one of two categories:

1. Current UWM undergraduate student with a baccalaureate degree from a regionally accredited college/university with a major in biological science or chemistry, or baccalaureate degree from a regionally accredited college/university with a combination of 30 semester hours (45 quarter hours) of biology, chemistry and/or medical science courses including genetics within the last 5 years and a grade point average of 3.00 or above (4.00 scale.)
2. Post-baccalaureate students with a baccalaureate degree from a regionally accredited college/university with a major in biological science or chemistry, or baccalaureate degree from a regionally accredited college/university with a combination of 30 semester