

# PRE-MEDICAL UNDERGRADUATE CERTIFICATE

**Banner Code:** SC-CERB-PMCL

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The Pre-Medical Undergraduate Certificate is a premium program offered to enlisted members of the U.S. military who are chosen specifically from a federal program referred to as EMDP2 (Enlisted to Medical Degree Preparatory Program). This is a post-baccalaureate program aimed at active duty military enlisted members who have earned a bachelor's degree from a regionally accredited institution with a minimum cumulative GPA of 3.0, who have experience working in a health-related position in the military, and who meet all other requirements specified by the Uniformed Services University of the Health Sciences (USU) (<https://medschool.usuhs.edu/academics/emdp2/>), and who are interested in matriculating at the Uniformed Services University (military medical school) or another US accredited medical school. Only those individuals who are supported by EMDP2 are eligible to enroll in the Pre-Medical Undergraduate Certificate.

The Pre-Medical Undergraduate Certificate will provide a one-year undergraduate program that will allow qualified individuals to complete undergraduate pre-medical admissions requirements as currently specified by the American Association of Medical Colleges (<https://www.aamc.org/>) (AAMC).

This is a full-time program offered during the day and located at the Science and Technology Campus of George Mason University. Students are selected by the US military and are admitted as a cohort in the fall semester only.

## Admissions & Policies

### Admissions

University-wide admissions policies can be found in the Undergraduate Admissions Policies (<http://catalog.gmu.edu/admissions/undergraduate-policies/>) section of this catalog.

Applicants must be active duty military and selected by the Enlisted to Medical Degree Preparatory Program (EMDP2). Applicants are also expected to have:

- A bachelor's degree from a regionally accredited university with a minimum cumulative GPA of 3.2;
- Experience working in a health-related position in the military;
- All other requirements as specified by the Uniformed Services University of the Health Sciences (USU) (<https://medschool.usuhs.edu/academics/emdp2/>);

- Interest in matriculating to the Uniformed Services University (military medical school) or another US accredited medical school.

Only those individuals supported by the EMDP2 are eligible to enroll in the Pre-Medical Undergraduate Certificate.

### Policies

For policies governing all undergraduate programs, see AP.5 Undergraduate Policies (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/>).

## Requirements

### Certificate Requirements

Total credits: minimum 42

This certificate may be pursued on a full-time basis only.

Students should refer to the Admissions & Policies tab for specific policies related to this certificate.

### Coursework

Code	Title	Credits
<b>Summer Semester One</b>		
CHEM 211 & CHEM 213	General Chemistry I (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) and General Chemistry Laboratory I (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	4
<b>Fall Semester</b>		
BIOL 213	Cell Structure and Function (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	4
CHEM 212 & CHEM 214	General Chemistry II (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) and General Chemistry Laboratory II (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	4
PHYS 243 & PHYS 244	College Physics I (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) and College Physics I Lab (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	4
<b>Spring Semester</b>		
BIOL 214	Biostatistics for Biology Majors	4
BIOL 311	General Genetics	4
CHEM 463	General Biochemistry I	4
PHYS 245 & PHYS 246	College Physics II (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) and College Physics II Lab (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	4
<b>Summer Semester Two</b>		
CHEM 313 & CHEM 315	Organic Chemistry I and Organic Chemistry Lab I	5

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CHEM 314 & CHEM 318	Organic Chemistry II and Organic Chemistry Lab II	5
Total Credits		42