



# Program Approval Form

For approval of new programs and deletions or modifications to an existing program.

### Action Requested:

Create New (SCHEV approval required except for minors)  
 Inactivate Existing  
 Modify Existing (check all that apply)  
 Title (SCHEV approval required except for minors)  
 Concentration (Choose one):  Add  Delete  Modify  
 Degree Requirements  
 Admission Standards/ Application Requirements  
 Other Changes: \_\_\_\_\_

### Type (Check one):

B.A.  B.S.  Minor  
 M.A.  M.S.  M.Ed.  
 Ph.D.  
 Undergraduate Certificate\*  
 Graduate Certificate\*  
 Other: \_\_\_\_\_

**College/School:**  **Department:**   
**Submitted by:**  **Ext:**  **Email:**

**Effective Term:** Fall  **Please note:** For students to be admitted to a new degree, minor, certificate or concentration, the program must be fully approved, entered into Banner, and published in the University Catalog.

### Justification: (attach separate document if necessary)

We seek approval for a new one-year pre-medical cohort-type post-baccalaureate program. This program will consist of already existing courses, but will be packaged together to give students the ability to complete all undergraduate requirements for medical/dental school admission within a one-year period. This program is designed specifically in response to a DoD proposal for a one-year cohort undergraduate program with a purpose of preparing military enlisted personnel to become qualified to enter the military medical school (Uniformed Services University) located in Bethesda, MD.

**Program Title:** (Required)  
Title must identify subject matter. Do not include name of college/school/dept.

**Concentration(s):**

**Admissions Standards / Application Requirements:**  
(Required only if different from those listed in the University Catalog)

**Degree Requirements:**  
Consult University Catalog for models, attach separate document if necessary using track changes for modifications

**Courses offered via distance:**

**TOTAL CREDITS REQUIRED:**

| Existing | New/Modified   |
|----------|--|
|          | Undergraduate Pre-Medical Post-Baccalaureate Certificate Program   |
|          |  |
|          | Successful completion of a bachelor's degree with a minimum cumulative GPA of 3.0.<br><br>Open only to active duty military enlisted personnel who are pre-selected for admission by the EMDP2 Program (Enlisted to Medical Degree Preparatory Program) at the Uniformed Services University of Health Sciences (USUHS). |
|          | 2 semesters of biology (213 and 311) w/labs<br>2 semesters of chem. (211 and 212) w/labs<br>2 semesters of phys (243 and 245) w/labs<br>2 semesters of org. chem. (314 and 317) w/labs<br>1 required semester of Math (113)  |
|          |  |
|          | 38 credits   |

\*For Certificates Only: Indicate whether students are able to pursue on a  Full-time basis  Part-time basis

## Approval Signatures

Department \_\_\_\_\_ Date \_\_\_\_\_ College/School \_\_\_\_\_ Date \_\_\_\_\_ Provost's Office \_\_\_\_\_ Date \_\_\_\_\_  
*Required for Minors and Interdisciplinary Programs*

If this program may impact another unit or is in collaboration with another unit at Mason, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

| Unit Name | Unit Approval Name | Unit Approver's Signature | Date |
|-----------|--------------------|---------------------------|------|
|           |                    |                           |      |
|           |                    |                           |      |

### For Graduate Programs Only

Graduate Council Member \_\_\_\_\_ Provost Office \_\_\_\_\_ Graduate Council Approval Date \_\_\_\_\_

# Proposed USUHS Partnership with the College of Science

DRAFT – July 2012

The Uniformed Services University of Health Services (USUHS) is interested in working with the College of Science for its medical education program. Information on the organization can be found at: <http://www.usuhs.mil/>.

Program enrollment at Mason's PW Campus will be 15 full time students enrolled in a 3-semester program that runs from fall through summer (year 1 to begin Fall 2014). Courses will be held Monday through Friday and will follow Mason's regular semester system.

The student profile consists of active duty enlisted military personnel who currently hold a minimum BA and/or BS degrees. Students must have a minimum undergraduate GPA of 3.0 and must be working in a health-related military specialty. Students will be selected by USUHS.

Program of study consists of lecture and lab sessions:

## FALL SEMESTER (12 Credits – 15 if a math class is needed)

BIOL213 (Cell Structure and Func.; 4 credits) – Lecture twice a week and lab once a week (3 hour labs)

CHEM211 (General Chemistry I; 4 credits) – Lecture twice a week and lab once a week (3 hour labs)

PHYS243 (College Physics I; 3 credits) – Lecture twice a week; recitation once a week (1 hour recitation)

PHYS244 (Physics I Lab; 1 credit) – Lab once a week (3 hour labs)

## SPRING SEMESTER (16 Credits)

CHEM212 (General Chemistry II; 4 credits) – Lecture twice a week and lab once a week (3 hour labs)

PHYS245 (College Physics II; 3 credits) – Lecture twice a week; recitation once a week (1 hr recitation)

PHYS246 (Physics II Lab; 1 credit) – Lab once a week (3 hour labs)

BIOL311 (Genetics; 4 credits) – Lecture twice a week and lab once a week (3 hour labs)

MATH113 – (Calculus I; 4 credits with recitation)

## SUMMER SEMESTER (10 Credits)

CHEM313 (Organic I; 3 credits) – Lecture twice a week

CHEM315 (Organic I Lab; 2 credits) – Lab once a week (4 hour labs)

CHEM314 (Organic II; 3 credits) – Lecture twice a week

CHEM318 (Organic II Lab; 2 credits) – Lab once a week (4 hour labs)

Classroom/lecture space needed must accommodate 15 students in year 1. Full build-out could be reached by year 2. Room should be fully equipped with computer, projector and internet access.

Students will be in the same lecture sections and will take classes as a cohort. Students may be assigned to different lab sections (approximately 16-20 students per lab section).

Instructors for the program – TBD (Mixture of regular faculty and adjuncts)

## **Projected Office Needs**

-Director (take portion of Donna's time from GU?)

-Coordinator (take portion of Tanneh's time from GU?)

-Faculty – 1 Professor (Alan Christensen?) to teach Biol 213 (fall) and Biol311 (spring) w/office

- 1 GTA for lab preps

- 1 Professor to teach Chem I (fall), Chem II (spring) w/office

- 1 GTA for lab preps

- 1 Professor to teach Phys I (fall), Phys II (spring) w/office

- 1 GTA for lab preps
- 1 Professor to teach Immunology (spring) w/office
- 1 Professor to teach Organic Chem I and II (summer) w/office
- 1 GTA for lab preps

### **Projected Classroom/Lab Needs for 45 Students**

Since students move through the program as a cohort, need only **1 classroom** for fall, spring, and summer to hold 45+ students.

Will need **3 lab classrooms** throughout the year:

- one laboratory space for biology (to hold ~15 students) for fall and spring semesters.
- one laboratory space for chemistry (to hold ~15 students) for fall and spring semesters.  
(Can use this same chem. lab space for organic labs in sessions A and C of summer.)
- one laboratory space for physics (to hold ~15 students) for fall and spring semesters.

-Students will take three laboratory classes (biology, chemistry, and physics) in fall and spring semesters. -Lab schedule could be designed so that groups of 15+ rotate through the labs at different times on different days of the same week.

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### **Banner Code: SC-CERT-PBPM??**

The Post-Baccalaureate Pre-Medical (PBPM) 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 EMDP<sup>2</sup> (Enlisted to Medical Degree Preparatory Program). This program is aimed at active duty military enlisted members who have earned a bachelor's degree from an 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), and who are interested in matriculating at the Uniformed Services University (military medical school). Only those individuals who are supported by EMDP<sup>2</sup> are eligible to enroll in the PBPM program.

The PBPM 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 AAMC (American Association of Medical Colleges). This is a full-time program offered during the day and located at the Prince William Campus of George Mason University. Students are admitted as a cohort in the fall semester only.

Applicants must be active duty military and selected by the EMDP<sup>2</sup>. Students are expected to have a bachelor's degree from an accredited university, the desire to pursue a career in military medicine, and overall credentials suitable for acceptance to undergraduate study in the College of Science at George Mason University.

This program of study is offered by the [College of Science](#).

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