

Students who want to apply to a Pharmacy School may complete prerequisite courses at Montgomery College. The State of Maryland has one pharmacy school, the [University of Maryland, Baltimore School of Pharmacy \(UMB\)](#). UMB has two locations, the main campus in downtown Baltimore and [UMB School of Pharmacy at Shady Grove](#). Shady Grove courses are taught mainly by streaming video with some lab requirements in Baltimore. Admission requirements are the same for both campuses of UMB. Both the Main Campus and Shady Grove programs are FALL Entrance only.

Students may apply to most Pharmacy Schools after the completion of 65-68 credits. Pharmacy schools require that students submit scores from the Pharmacy College Admission Test ( [PCAT](#) ).

This chart compares requirements of three schools, [UMB](#), [Howard University](#), and [Shenandoah University](#), VA. If you are planning to apply to more than one school, find courses that are common to all three schools.

University of Maryland UMB			Howard University DC			Shenandoah University VA		
Course	No. of Semesters	Credits	Course	Sem.	Credits	Course	Sem.	Credits
English Comp EN 102	1	3	English Comp EN 101 & 102	2	6	English Comp EN 101 & 102	2	6
Speech	1	3	Speech	1	3	Speech	1	3
Calculus * MA 181	1	3	Calculus* MA 181	1	3	Math Course (MA 180 Precalculus or MA 110 Survey, etc)	1	3
Statistics MA 116	1	3	Statistics MA 116	1	3	Calculus* MA 181	1	3
Biology BI 107	1	4	Biology BI 107 & 108 **	2	8	Biology BI 107 & 108	2	8
Microbiology BI 203	1	4	** Micro BI 203 may be used in place of BI 108			Microbiology BI 203	1	4
Human Anatomy & Physiology BI 204 & 205	2	8	----	--	--	Biological Sci Elective (nonlab OK)	1	3/4
General Chemistry CH 101 & 102	2	8	General Chemistry CH 101 & 102	2	8/10	General Chemistry CH 101 & 102	2	8
Organic Chemistry CH 203 & 204	2	8	Organic Chemistry CH 203 & 204	2	8	Organic Chemistry CH 203 & 204	2	8
Physics PH 203 & 204	2	8	Physics PH 203 & 204	2	8	Physics PH 203	1	4
Humanities and Social Sciences*	4-6	18	Humanities (Art, Theater, Literature, Philosophy, Music, or Religion)	2	6	Humanities Art, Music, History, Language, Theatre	1	3
Micro Economics EC 202	1	3	--	--	--	Economics EC 201 or 202	1	3
* Humanities: journalism, fine arts, modern language, music, philosophy, and speech Social Sciences: accounting, anthropology, computers, economics, geography, history, political science, psychology, and sociology			Social Sciences (Psychology, Econ, Sociology, Political Science, History, Education, Anthropology, or African American Studies)	2	6	Social Science (Accounting, Anthropology, Business, Computers, Economics, Geography, Health, Mgmt, Political Science, Psychology, Sociology or Statistics)	2	6
NOTE: UMB - Chemistry and Biology courses must be taken within 5 years of anticipated admission.			Additional Courses (Statistics, Computer Applic., Computer Science, Mathematics above Calculus I, Medical Terminology, Humanities and/or Social Science)	3	9	Philosophy, Religion or Ethics PL 201,202,203 ----- NOTE: For Shenandoah, Sciences must be no older than 10 years, unless used in work setting	1	3
<b>Total Minimum</b>	<b>Credits:</b>	<b>65</b>	<b>Total Minimum</b>	<b>Credits:</b>	<b>69</b>			
<a href="http://www.pharmacy.umaryland.edu">www.pharmacy.umaryland.edu</a>			<a href="http://www.cpnahs.howard.edu/Pharmacy/">www.cpnahs.howard.edu/Pharmacy/</a>			<a href="http://pharmacy.su.edu">http://pharmacy.su.edu</a>		

Admission to Pharmacy Schools is **highly** competitive. Information about the class admitted to UMB in Fall of 2007 illustrates this:

### **Statistics for 2007 Entering Class Acceptees**

Total completed applications received - 1,370

Number interviewed - 300

Number accepted - 160

Estimated entering class size - 160

Estimated male - 40%

Estimated female - 60%

**Number in-state seats available for *Maryland residents* - 95**

Number out-of-state seats available - 65

The following **Frequently Asked Questions** on the UMB Website may be helpful to you:

#### **Is it an admissions requirement for applicants to have work experience in the field of pharmacy?**

Work experience is not a requirement for admission to the PharmD program. However, it can show a commitment to the field of pharmacy or can demonstrate the well roundedness of an applicant.

- **Is a bachelor's degree required for admissions?** No, only the two years of prerequisites are required for admission to the PharmD program. In addition, students with a bachelor's degree are not given any special consideration over students who have only completed the prerequisites. All applicants are on a level playing field.
- **I have attended several schools, which grades will be considered when my application is reviewed?** Initially, the GPA that is considered in meeting the minimum requirements is the cumulative GPA calculated by [PharmCAS](#). Once your application is under review emphasis will be placed on the grades you received in prerequisite courses. The Admissions Committee will look at patterns, i.e., whether you were full or part time, working, etc.
- **I had one academically weak semester; will this greatly affect my chances for admission?** It is not unusual for students to have one bad semester. The Admissions Committee will be looking carefully at each and every application and when a very strong student has a weak semester the assumption is typically that there were extenuating circumstances that semester.
- **Do you give preference to Maryland state residents?** No, all applications are given equal consideration. However, it is important for us to have a diverse class and the state from which applicants come will be taken into consideration after the interview process.
- **If I am not accepted, may I re-apply?** Yes, re-application is strongly encouraged. Every year, qualified students are denied because there simply aren't enough available spaces. Take advantage of the coming year to increase your chances of success in the future through making your application more competitive. This can be done through taking further coursework, studying for the PCAT, taking a PCAT preparation course, joining a professional organization as a student member, holding an office of a student organization, or volunteering or working in a pharmacy.

Although MC does not have a Pre-Pharmacy Associates Degree, you can still work toward completion of a Life Sciences AS degree program by taking these classes. See an MC counselor for more information.

Pharmacy Associations: [www.pharmacas.org/](http://www.pharmacas.org/) and [The American Association of Colleges of Pharmacy](http://The American Association of Colleges of Pharmacy)

Web Address for this page: [www.montgomerycollege.edu/Departments/studev/Prepharmacy.html](http://www.montgomerycollege.edu/Departments/studev/Prepharmacy.html)