Howard University

College of Pharmacy

Pre-Pharmacy Required Courses (in Credits and Units)

Sciences Courses

(Total 62 Credits [Semester System] or 108-111 Units [Quarter System] in the following subjects)

COURSES	SEMESTER SYSTEM SCHOOLS	QUARTER SYSTEM SCHOOLS
English I & II	6 credits or the equivalent of 2 semesters in this subject	10-12 units or the equivalent of 3 quarters of courses in courses
General Chemistry I & II (lecture and laboratory)	10 credits or the equivalent of 2 semesters in this subject	15 units or the equivalent of 3 quarters of courses in this subject
General Biology I	3 credits or the equivalent of 1 semesters of courses in this subject	5-6 units or the equivalent of 2 quarters of courses in this subject
Anatomy or Anatomy/Physiology I*	4 credits	8 units or the equivalent of 2 quarters of courses in this subject
Physiology or Anatomy/Physiology II*	4 credits	8 units or the equivalent of 2 quarters of courses in this subject
Microbiology*	4 credits	8 units or the equivalent of 2 quarters of courses in this subject
Calculus	4 credits	8 units or the equivalent of 2 quarters of courses in this subject
Physics I & II (lecture and lab)	10 credits or the equivalent of 2 semesters of courses in this subject	15 units or the equivalent of 3 quarters of courses in this subject
Organic Chemistry I & II (lecture and laboratory)	10 credits or the equivalent of 2 semesters of courses in this subject	15 units or the equivalent of 3 quarters of courses in this subject
Biochemistry*#	4 credits	8 units or the equivalent of 2 quarters of courses in this subject
Speech	3 credits	8 units or the equivalent of 2 quarters of courses in this subject

General Electives

(Total 21 credits [Semester System] or 35-40 Units [Quarter System] in the following disciplines)

Course (Semester System Schools)	Quarter System Schools
At least 6 credits in Humanities: (Art, Drama, Theater, Literature,	10-12 units or the equivalent of 3 quarters of
Mythology, Religion, Music, Foreign Languages or Philosophy)	courses in this subject
At least 6 credits Socio-behavioral Sciences: (Psychology,	10-12 units or the equivalent of 3 quarters of
Economics, Sociology, Political Science, History, Education,	courses in this subject
Anthropology, Government or African American Studies)	
The 9 remaining credits may include any of the following:	15-16 units or the equivalent of 4 quarters of
(Statistics, Computer Fundamentals, Operating Systems,	courses in this subject
Programming, Mathematics above a Calculus I, Medical	
Terminology, Humanities and/or Socio-behavioral Sciences)	
Minimum Total Credits Required for Admission	Minimum Total Units Required for
(83 Semester Credits)	Admission (143-151 Quarter Units)

All information is subject to change without prior notice.

PLEASE NOTE

*Beginning 2013-2014 Application Cycle – Microbiology, Biochemistry, Anatomy and Physiology will be required courses.

An advanced level Biology and/or Chemistry course may be substituted (course substitutions must be requested and approved through the Office of Student Affairs)