

## HOWARD UNIVERSITY COLLEGE OF PHARMACY PHARMD PRE-REQUISITE CHECKLIST

### REQUIRED CHEMISTRY COURSES

COURSES & CREDITS	TOTAL CREDITS (18 - 20)
General Chemistry I w/Lab (4 credits)	
General Chemistry II w/Lab (4 credits)	
Organic Chemistry I w/Lab (4 credits)	
Organic Chemistry II w/Lab (4 credits)	
Biochemistry (2 - 4 credits)	

### REQUIRED BIOLOGY COURSES

COURSES & CREDITS	TOTAL CREDITS (13)
General Biology I (3 credits)	
Microbiology w/Lab (4 credits)	
Anatomy & Physiology I or Human Anatomy (3 credits)	
Anatomy & Physiology II or Human Physiology (3 credits)	

*All pre-requisites must be completed with a C grade or better and overall GPA of a 2.5 or higher. We require a GPA of 3.0 or higher for our Online Pathway.*

*Pre-requisites are subject to change without prior notice.*



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## GENERAL EDUCATION

COURSES & CREDITS	TOTAL CREDITS (16)
<b>Calculus I</b> (3 credits)	
<b>Physics I w/Lab</b> (4 credits)	
<b>English I</b> (3 credits)	
<b>English II or Literature</b> (3 credits)	
<b>Speech</b> (3 credits)	

## ELECTIVE COURSES

COURSES & CREDITS	TOTAL CREDITS (9)
<b>Humanities – English, Theater, Religion, Languages, Art History, etc.</b> (3 credits)	
<b>Social/Behavioral Sciences – Sociology, Anthropology, Political Science, Education, Communication, History, etc.</b> (3 credits)	
<b>Additional Course – Humanities, Social/Behavioral Sciences, Medical Terminology, Humanities, Computer Science, Math (Calculus II &amp; higher or Statistics)</b> (3 credits)	

**TOTAL CREDITS**  
(57 - 59)



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