

**GENERAL EDUCATION – Part I (IUPUI Course Numbers)****State General Education Core Not Completed**

These requirements must be met by all applicants.

1. CORE COMMUNICATION – TWO CONTENT AREAS (2 Courses, 6.0 Cr Hrs)

Dept	Course	Title	Cr Hrs
ENG-W	131	Reading, Writing, & Inquiry I	3.0
COMM-R	110	Fundamentals of Speech Communication	3.0

2. ARTS/HUMANITIES & SOCIAL SCIENCES – TWO CONTENT AREAS (3 Courses, 9.0 Cr Hrs)

			Cr Hrs
A. Arts/Humanities (One Course, Minimum of 3.0 cr hrs)			
	One Elective	Elective from Approved Arts/Humanities List *	3.0
B. Social Sciences (One Course, Minimum of 3.0 cr hrs)			
	One Elective	Elective from Approved Social Sciences List*	3.0
C. Arts/Humanities <u>OR</u> Social Sciences (One Additional Course, Minimum of 3.0 cr hrs)			
	One Elective	Elective from Approved Arts/Humanities <u>OR</u> Social Sciences List*	3.0

3. CULTURAL UNDERSTANDING – ONE COURSE (3.0 Cr Hrs)

			Cr Hrs
	One Elective	Elective from Cultural Understanding List *	3.0

4. ANALYTICAL REASONING – TWO CONTENT AREAS (2-3 Courses, 6.0-9.0 Cr Hrs)

Dept	Course	Title	Cr Hrs
A. College Algebra or Higher (One or Two Courses) +			
MATH-M	11900	Brief Survey of Calculus	3.0
MATH	15300/15400	<u>OR</u> Algebra and Trigonometry I <u>AND</u> Algebra and Trigonometry II	6.0
MATH	15900	<u>OR</u> Precalculus	5.0
<i>+Enrollment in math courses requires placement or completion of prerequisite course</i>			
B. Statistics (One Course) – Choose <u>ONE</u> course from any of the below options			
	One Elective	ECON-E 270, PSY-B 305, SOC-R 359, SPEA-K 300, STAT 30100, or SWK-S 372	3.0

5. LIFE AND PHYSICAL SCIENCES – ONE CONTENT AREA (2 Lecture Courses, 6.0 Cr Hrs + 2 Lab Courses, 4.0 Cr Hrs[^])

Dept	Course	Title	Cr Hrs
Chemistry (P: Chemistry Placement Exam)			
CHEM-C	105	Principles of Chemistry I	3.0
CHEM-C	125 [^]	<u>AND</u> Experimental Chemistry I	2.0
CHEM-C	106	Principles of Chemistry II	3.0
CHEM-C	126 [^]	<u>AND</u> Experimental Chemistry II	2.0

[^]Laboratory components (CHEM-C 125/126) are program requirements, but listed with the general education courses since they should be taken concurrently with the lecture courses (CHEM-C 105/106)

BS IN CLINICAL LABORATORY SCIENCE/STGEC NEEDED - CONTINUED

ADDITIONAL PROGRAM REQUIREMENTS – Part II (IUPUI Course Numbers)

1. ADDITIONAL WRITTEN COMMUNICATION – ONE COURSE (3.0 Cr Hrs)

Dept	Course	Title	Cr Hrs
ENG-W	231	Professional Writing Skills	3.0
ENG-W	230	Science Writing	
ENG-W	270	OR Argumentative Writing	
Other upper level writing course options considered by appeal, email askhpp@iupui.edu for details.			

2. LIFE AND PHYSICAL SCIENCES – ADDITIONAL REQUIREMENTS – Must have a combined total of 18 credit hours in chemistry after adding the below 8.0 cr hrs to the previous 10 cr hrs shown in Part I.

CHEMISTRY – Minimum of 8.0 additional credit hours to include the following courses:

Dept	Course	Title	Cr Hrs
CHEM-C	341	Organic Chemistry I (P: 106)	3.0
CHEM-C	343	AND Organic Chemistry Laboratory (P: 126, P or C: C341)	2.0
CHEM-C	Upper –Level Elective	Many options exist; check upper-level chemistry course descriptions to make sure you have the required prerequisites.	3.0

Limitations of Course Work At least one course in chemistry (upper level), microbiology, and immunology must have been completed within the previous six years. Six year limit applied at application deadline.

BIOLOGICAL SCIENCES – Minimum of 18.0 credit hours to include the following courses:

Dept	Course	Title	Cr Hrs
A. Introduction to Biology			
BIOL-K	101	Concepts of Biology I	10.0
BIOL-K	103	AND Concepts of Biology II (P: K101)	
B. Microbiology – Choose One Course (Course must include a wet lab)			
BIOL-N	251	Introduction to Microbiology (P: one semester general chemistry or one semester life science)	3.0-4.0
BIOL-K	356/357	OR Microbiology/Microbiology Laboratory (P: BIOL-K 103, CHEM-C 341)	
C. Genetics			
BIOL-K	322	Genetics and Molecular Biology (P: K103 and CHEM C106)	3.0
D. Human Physiology – Choose from Two Options			
BIOL-N	217	Human Physiology (preferred) (Recommend BIOL-N 261 in advance)	5.0-6.0
BIOL-N	212/ 214	OR Human Biology I AND Human Biology II	
		*Laboratory courses (BIOL-N 213 and BIOL-N 215 are optional)	
E. Immunology			
BIOL-K	338	Introductory Immunology (P: K 103, BIOL-K 322 and CHEM-C 106)	3.0

Limitations of Course Work At least one course in chemistry (upper level), microbiology, and immunology must have been completed within the previous six years. Six year limit applied at application deadline.

ELECTIVE CREDIT HOURS NEEDED FOR PROGRAM ENTRY **8.0-18.0**

SUGGESTED ELECTIVES – The number of required electives may vary by student; choose from human anatomy, molecular biology, medical terminology, medical microbiology and others. Remedial courses do not count towards the eighty-four (84) hours needed for program entry.

TOTAL CREDIT HOURS NEEDED FOR PROGRAM ENTRY **84.0**

BS IN CLINICAL LABORATORY SCIENCE/STGEC NEEDED - CONTINUED

ADMISSIONS TIPS

Applicants with cumulative and/or math/science GPAs close to the minimum (2.70 on 4.00 scale) typically have more difficulty gaining admission.

SUGGESTED PLAN OF STUDY – All programs provide a suggested plan of study in their section of the IUPUI Campus Bulletin. For the most recent version, visit <http://bulletin.iupui.edu>. Plans of study may vary by student based on the placement test scores, date major was declared, or other factors. Students should work with their academic advisor to ensure that they are taking courses in the appropriate sequence and to finish all required program courses.

IMPORTANT ADMISSIONS CRITERIA & ADDITIONAL INFORMATION - For a complete list, see the School of Medicine Health Professions Programs section of the IUPUI Bulletin. Competitive grade point averages are generally higher than the stated minimums.

- Credit hours needed prior to entrance 84 credits
- Minimum Grade Point Averages needed..... 2.70 Cumulative
- Minimum Component Grade Point Averages needed 2.70 Math/Science
- Minimum grade needed in stated prerequisite courses C (2.00)
- Interview required Yes
- Application deadline December 1 – Year Prior to Entry
- Entry requirements must be completed by **July 1 – Prior to Program Start**

**To see approved courses that can be considered to meet specific areas, where not already designated, please visit <https://due.iupui.edu/undergraduate-curricula/general-education/iupui-general-education-core/>.*

FOR MORE INFORMATION - For advising assistance visit us online at <http://medicine.iu.edu/hpp/> or contact the School's Administrative Office at (317) 278-4752 or askhpp@iupui.edu.

NOTE: Enrollment at Indiana University does not guarantee admission to any of the IU School of Medicine Health Professions Programs. To be eligible for admission to one of these programs, students must adhere to the academic regulations of the academic unit in which they are enrolled and meet School and individual program preadmission requirements as stipulated in the general education and program sections of the most recent bulletin. Admission to many programs is competitive; therefore, completion of the prerequisites and meeting the minimum grade point averages does not guarantee admission to the program. To be considered for admission, students must complete an application in the year prior to entry by the program's stated application deadline.

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