



PROGRAM REQUIREMENTS (IUPUI Course Numbers)
State General Education Core or Domestic Baccalaureate Degree Completed

These requirements apply to students who have already completed the State’s General Education Core (STGEC) or hold a domestic baccalaureate degree. STGEC requirement must be visible on your IU transcript (earned or transferred). Please call (317) 278-4752 or email askhpp@iupui.edu if you have any questions.

1. FUNDAMENTAL COURSES – Requirements **must be completed even if STGEC completed as noted above.**

Dept	Course	Title	Cr Hrs
A. LIFE AND PHYSICAL SCIENCES - Chemistry (P: Chemistry Placement Exam) – Choose <u>One</u> Sequence			
Option I			
CHEM-C	105	Principles of Chemistry I	3.0
CHEM-C	125	AND Experimental Chemistry I	2.0
CHEM-C	106	Principles of Chemistry II	3.0
CHEM-C	126	AND Experimental Chemistry II	2.0
OR (Option II)			
CHEM-C	101	Elementary Chemistry I	3.0
CHEM-C	121	AND Elementary Chemistry Laboratory I	2.0
CHEM-C	110	The Chemistry of Life	3.0
CHEM-C	115	AND Lab for the Chemistry of Life	2.0
B. LIFE AND PHYSICAL SCIENCES - Introduction to Biology – Choose <u>One</u> Sequence			
BIOL-K	101	Concepts of Biology I (<i>Recommended</i>)	4.0-10.0
BIOL-K	103	AND Concepts of Biology II (P: K101) (<i>Recommended</i>)	
BIOL-N	107	OR Exploring the World of Animals	
C. ANALYTICAL REASONING - College Algebra or Higher (One Course)+			
MATH	15300	Algebra and Trigonometry I	3.0
MATH-M	11900	OR Brief Survey of Calculus	
MATH	11800	OR Finite Math	
+Enrollment in math courses requires placement or completion of prerequisite course			

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

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

3. LIFE AND PHYSICAL SCIENCES – ADDITIONAL REQUIREMENTS – Introduction to Biology (4.0-10.0 cr hrs) plus the below additional requirements in human anatomy/human physiology plus three- upper level biology electives must equal a minimum of 25.0 cr hrs in biology.

Dept	Course	Title	Cr Hrs
A. Human Anatomy & Human Physiology – Choose <u>One</u> Sequence			
BIOL-N	261	Human Anatomy	8.0-10.0
BIOL-N	217	AND Human Physiology	
OR			
BIOL-N	212/213	Human Biology I & Human Biology I Laboratory	
BIOL-N	214/215	AND Human Biology II (P: BIOL-N 212) & Human Biology II Lab	

BS IN CYTOTECHNOLOGY/STGEC COMPLETE- CONTINUED

B. Upper Level Biology – Choose At Least Three Courses from the below options; <i>other upper level courses can be taken with program approval</i>				
Dept	Course	Title		Cr Hrs
BIOL-N	251	Introduction to Microbiology		3.0-4.0
MICR-J	210	OR Microbiology and Immunology		
BIOL-K	356	OR Microbiology (P: BIOL-K 103, CHEM-C 341)		
BIOL-K	331	Developmental Biology (P: K 101)		3.0-4.0
BIOL-K	333	Developmental Biology Laboratory (P or C: K 331) (OPTIONAL)		
BIOL-N	322	Introductory Principles of Genetics (P: N107 or K101)		3.0
BIOL-K	322	OR Genetics and Molecular Biology (P: K103 and CHEM C106)		
BIOL-K	324	Cell Biology (P: K103 and CHEM-C 106)		3.0-5.0
BIOL-K	325	Cell Biology Laboratory (P or C: K 324) (OPTIONAL)		
BIOL-K	338	Introductory Immunology (P: K 103 and CHEM-C 106)		3.0
Limitations of Course Work - Biology credits earned more than seven years before application must be updated by taking 3 additional credit hours related to cell biology within a period of time not to exceed 12 months before admission. Remedial courses will not fulfill prerequisite hours.				
ELECTIVE CREDIT HOURS NEEDED FOR PROGRAM ENTRY				Varies
SUGGESTED ELECTIVES –Art Appreciation, Medical Terminology, Statistics, Computer Science/Technology, Supervision (OLS), Medical Microbiology, Biochemistry, Endocrinology, Parasitology, Virology, Cytogenetics, Organic Chemistry, Physics, and Mathematics.				
TOTAL CREDIT HOURS NEEDED FOR PROGRAM ENTRY				83.0

IMPORTANT ADMISSIONS CRITERIA & ADDITIONAL INFORMATION - For a complete list, see the School of Medicine Health Professions Programs section of the IUPUI Bulletin. Completion of requirements does not guarantee admission into the program. Competitive grade point averages are generally higher than the stated minimums.

- Credit hours needed prior to entrance 83 credits
- Minimum Grade Point Averages needed..... 2.50 Cumulative
- Minimum Component Grade Point Averages needed 2.50 Biology Courses
- Minimum grade needed in prerequisite course C (2.00)
- Interview required Yes
- Application Deadline..... December 1 – Year Prior to Entry
- Entry Requirements Must Be Completed By..... **At Program Entry**

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.

ADMISSIONS TIPS

The Cytotechnology Program's Admissions Committee calculates a biology course GPA for each applicant. Grades in the biological sciences are a very important factor in determining where an applicant will rank against the overall applicant pool in any given year.