

INDIANA UNIVERSITY SYSTEM COURSE EQUIVALENTS

**BACHELOR OF SCIENCE IN CYTOTECHNOLOGY
 FUNDAMENTAL REQUIREMENTS**
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). If you have not completed the STGEC or a prior domestic baccalaureate degree, the list of entry requirements is longer than shown below. Please call (317) 278-4752 or email askhpp@iupui.edu if you have any questions.

NOTE: Students must complete all program admission requirements by end of summer sessions prior to entry

COURSES	IUB	IUPUI	IUPUC	IU-East	IPFW	IU-Kokomo	IU-Northwest	IUSB	IU-Southeast
Additional Written Communication (One Course)	ENG-W 231 or 270	ENG-W 230, 231, or 270	ENG-W 231 or 270	ENG-W 132, 230, 231 or 270	ENG-W 233	ENG-W 132 or 231	ENG-W 132 or 231	ENG-W 231 or 233	ENG-W 132 or 231
Analytical Reasoning College Algebra & Trigonometry or higher (One Course)	MATH-M 025, 027, 118, or 119	MATH 15300 or MATH-M 118 or 119	MATH 15300 or M 118 or 119	MATH-M 118 or 119 or 125	MATH 15300 or 15900	MATH-M 105 or 118 or 119 or 125	MATH-M 118 or 119 or 125 or 215	MATH-M 118 or 119 or 125 or 215	MATH-M 118 or 119 or 122 or 125 or 215
Chemistry I (One course w/ Lab)	CHEM-C 101/121 or C 117/127	CHEM-C 101/121 or C 105/125	CHEM-C 101/121 or C 105/125	CHEM-C 105/125	CHM 11500	CHEM-C 101/121 or C 105/125	CHEM-C 101/121 or 105/125	CHEM-C 101/121 or 105/125	CHEM-C 101/121 or 105/125
Chemistry II (One course w/ Lab)	CHEM-C 102/122 or CHEM-C 118	CHEM-C 110/115 or C 106/126	CHEM-C 110/115 or C 106/126	CHEM-C 106/126	CHM 11600	CHEM-C 102/122 or C 106/126	CHEM-C 102/122 or C 106/126	CHEM-C 102/122 or 106/126	CHEM-C 102/122 or 106/126

COURSES	IUB	IUPUI	IUPUC	IU-East	IPFW	IU-Kokomo	IU-Northwest	IUSB	IU-Southeast
BIOLOGICAL SCIENCES – Minimum of 25.0 credit hours to include the following courses; upper level courses may require an additional prereq.									
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.									
Introduction to Biology (One course)	BIOL-L 112 & 113	BIOL-K 101 & 103 or BIOL-N 107	BIOL-K 101 & 103	BIOL-L 101 & 102	BIOL 10900 or 11900	BIOL-L 105	BIOL-L 101 & 102	BIOL-L 101 & 102	BIOL-L 101 & 102 or ZOOL-Z 103
Human Anatomy & Human Physiology (One sequence)	ANAT-A 215 & PHSL-P 215 or P 214	BIOL-N 261 & N 217 or BIOL-N 212, 213, 214 & 215	BIOL-N 261 & N 217 or BIOL-N 212, 213, 214 & 215	ANAT-A 215 & PHSL-P 215 or ANAT-A 210 & PHSL-P 201	BIOL 20300 & 20400 Or 21500 & 21600	ANAT-A 215 & PHSL-P 215	PHSL-P 261 & 262	PHSL-P 261 & 262	ANAT-A 215 & PHSL-P 215
Biology Electives - At least 3 of the following courses: Other biology courses may be utilized with program director's approval. Student must earn a total of 25 credits in biology <u>including</u> introduction to biology, human anatomy and human physiology and these three electives.									
Microbiology	BIOL-M 200 or 250	BIOL-N 251 or MICR-J 210 or BIOL-K 356	BIOL-N 251	MICR-J 200 & 201 or BIOL-M 310 & 315	BIOL 22000 or 43700	MICR-J 200 & 201 or M 310 & 315	BIOL-M 200 or 310	MICR-M 250 or 310	MICR-J 200 or MICR-M 310
Developmental Biology or Embryology	BIOL-L 317	BIOL-K 331	N/A	BIOL-Z 217	BIOL 31500	ZOOL-Z 315	BIOL-L 317	BIOL-L 317	BIOL-L 317
Molecular or Cellular Biology	BIOL-L 211 or 312	BIOL-K 324	BIOL-K 323	BIOL-L 315	BIOL 38100	BIOL-L 211	BIOL-L 211 or 312	BIOL-L 312	BIOL-L 211 or 312
Genetics	BIOL-L 311, S 311, or L 331	BIOL-K 322 or N 322	BIOL-K 322	BIOL-L 314	BIOL 21800	BIOL-L 364	BIOL-L 311 or 331 or 363	BIOL-L 311	BIOL-L 311
Immunology	BIOL-L 321	BIOL-K 338	N/A	BIOL-L 321	BIOL 53700	BIOL-L 321	BIOL-L 321	BIOL-L 321	BIOL-K 312
Other Biology Elective	Other upper level biology electives can be selected. If you have questions about a particular course, please contact (317) 278-4752 or askhpp@iupui.edu .								

