IUPUI-Purdue School of Science

Biotechnology –Bachelor of Science

	Required Courses (45
	*BITN 20000 Princ
	**BIOT 101 Intr
	*BITN 21000 Busin
	**BIOT 103 Safe
3 cr	Biotechnology
	*BITN 22000 Cell
	**BIOT 201 Cel
3 cr.	*BITN 23000 Anal
	**BIOT 211 Ana
	*BITN 24000 Prote
3 cr.	**BIOT 231 Pro
3 c 1	*BITN 25000 Biote
	**BIOT 280 Co-
degree However	BIOL-K101 Conce
	(pre-req: CHEM-
at for any student	
	BIOL-K322 Geneti
NAME OF THE OWNER O	BIOL-K323 Geneti
INTS	BIOL-K324 Cell B
	BIOL-K356 Microl
	BIOL-K357 Microb
	BIOL-K483 Biolog
Present	CHEM-C484 Bio
	(pre-req: CHEM-
	BIOL-K484 Cellula
3 cr.	AREA V ELECTIVI
3 cr.	A. Electives
	1. No grade below
	program in any
spended	course.
spended.	2. To receive cred
re	accompanying p
	be completed w
3 Cr	
	3. See <u>School of S</u>
	requirements.
	~~··~
3 cr	GENERAL INFORM
2 cr	A. A minimum of 12
	This total must inc
3 cr	and completion of
	taken at IUPUI.
5 cr	B. No more than 64 c
	can be applied tow
e acceptability of other	C. Courses taken outs
	receive departmen
	athletic, studio, cli
	towards the degree
TH 22200	D. Independent study
	general electives u
3 cr	from the School of
3 cr	E. Courses taken on t
3 Cl	electives and not t
ADEA	
S AREA.)	Program.
	F. The following cou
,	the School of Scie
	School and depart
Average in all Major	when it is deemed
	determined to be r
	N120, BUS-K201
	level courses, CPT
	EDUC-X150, ED
	W130, MATH-M0
	3 cr degree. However, and for any student NTS 3 cr 5 cr

Required Courses (45 credit hours)	
*BITN 20000 Principles of Biotechnology/	
**BIOT 101 Intro to Biotechnology	4 cr
*BITN 21000 Business and Regulatory/	
**BIOT 103 Safety & Regulatory Compliance for	
Biotechnology	3 cr
*BITN 22000 Cell Culture and Fermentation/	
**BIOT 201 Cell Culture and Cellular Processes	4 cr
*BITN 23000 Analytical Methods in Biotechnology/	
**BIOT 211 Analytic Methods in Biotechnology I	3 cr
*BITN 24000 Protein Purification and Formulation/	
**BIOT 231 Protein Analysis and Purification	4 cr
*BITN 25000 Biotechnology Internship/	
**BIOT 280 Co-op Internship	3 cr
BIOL-K101 Concepts of Biology I	5 cr
(pre-req: CHEM-C101 or one year of high school chemistry)	
BIOL-K322 Genetics & Molecular Biology	3 cr
BIOL-K323 Genetics & Molecular Biology Lab	2 cr
BIOL-K324 Cell Biology	3 cr
BIOL-K356 Microbiology	3 cr
BIOL-K357 Microbiology Laboratory	2 cr
BIOL-K483 Biological Chemistry or	
CHEM-C484 Biomolecules and Catabolism	3 cr
(pre-req: CHEM-C 342)	
BIOL-K484 Cellular Biochemistry	3 cr.

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- a C- will be accepted toward the degree biology, biotechnology and chemistry
- it for a laboratory for which there is an pre- or co-requisite lecture, the lecture must rith a minimum grade of C-.
- Science Bulletin for additional

- 4 credit hours must be completed for graduation. clude residence of at least two semesters at IUPUI at least 32 credit hours at the 300-level or above
- credit hours earned in accredited junior colleges vard a degree.
- side the Schools of Science and Liberal Arts must tal approval. No more than 6 credit hours of inical, performing arts course work will count e. See Departmental Advisor.
- (correspondence) courses may be taken for up to a maximum of 12 credit hours with approval f Science.
- the pass/fail option will only count as general owards any degree requirements of the School or
- arses do not count toward any degree program in ence. (NOTE: This is not a complete list. The ment reserve the right to exclude course credit as overlapping with other earned credit or it is remedial in nature: all agriculture courses, BIOL-, BUS-K204, all COAS courses, CSCI-N1## T 10600, CIT 10600, EDUC-U205, EDUC-X100, UC-X151, EDUC-X152, ENG-W001, ENG-010, MATH-M020, MATH-M001, MATH 00100, MATH 00200, MATH 11000, MATH 11100, MATH 12300, MATH 13000, MATH 13100, MATH 13600, PHYS 01000, UCOL-U112, all remedial or developmental courses.