



Bachelor of Science in Biochemistry

TRINE UNIVERSITY

Transfer Overview	Credits
Notre Dame College - BS, Chemistry - Biochemistry Concentration credits transferred	90
Trine BS, Biochemistry remaining credits to complete	30
Total Credits	120

Trine Bachelor of Science in Biochemistry - 120 Credit Hours

General Education Requirements - 30 Hours			Transfer Institution Information	
Communication - 9 hours		Credits	Notre Dame College	Credits
ENG 143	College Composition	3	ENG 100 College Composition I	3
HUM 203	Humanities Seminar	3	ENG 101 College Composition II (SUB)*	3
SP 203	Effective Speaking	3	CA 100 Speech	3
Humanities and Social Science - 9 hours				
PSY 113	Principles of Psychology	3	PY 201 General Psychology	3
	Humanities Elective	3	Creative, Theological, Philosophical, or Literary Inquiry	3
	Social Science Elective	3	Global Learning - EC, HI, or PO	3
Mathematics and Science - 12 hours				
MA 134	Calculus I	4	MA 175 Calculus I	4
BIO 114	Principles of Biology I	4	BIO 114/115 General Biology I & Lab	4
CH 104	General Chemistry I	4	CH 118/119 General Chemistry I & Lab	4
Biochemistry Core - 59 hours				
UE 101	University Experience	1	FYF 100 First Year	1
BIO 233	Cell Biology	3	BI 307/L Cell & Molecular Biology & Lab	4
BIO 324	Microbiology	4	BI 360/361 Microbiology & Lab	4
BIO 364	Toxicology	4		
BIO 414	Genetics	4		
BIO 454	Molecular Biology	4		
CH 114	General Chemistry II	4	CH 120/121 General Chemistry II & Lab	4
CH 202	Intro to Chemical Lit & Comm	2		
CH 204	Organic Chemistry I	4	CH 211/213 Organic Chemistry I	4
CH 214	Organic Chemistry II	4	CH 214/215 Organic Chemistry II	4
CH 234	Quantitative Analysis	4	CH 340/341 Found Analytical Chem & Lab	4
CH 302	Professional Practice	2		
CH 324	Chemical Instrumental Analysis	4		
CH 434	Biochemistry I	4	CH 305/306 Biochemistry I	4
CH 444	Biochemistry II	4	CH 405/406 Biochemistry II	4
MA 253	Statistics	3	MA 221 Statistics	3
SCI 412 and SCI 422 or SCI 434	Senior Research Seminar and Science Research Project or Science Internship	4		
Biochemistry Tracks - 31 hours				
Traditional Track				
MA 164	Calculus II	4	MA 176 Calculus II	4
MA 213	Calculus III	3	MA 277 Calculus III	3
CH 354	Physical Chemistry I	4	CH 355/356 Found Physical Chem & Lab	4
PH 224	University Physics I	4	PS 200/201 College Physics I & Lab	4
PH 234	University Physics II	4	PS 202/203 College Physics II & Lab	4
	Science Elective	8	Complete with applicable courses from undistributed credits in guidance with the Science department.	
	General Electives	8	Complete from undistributed credits. Total transfer credit not to exceed 90 credits.	

Physician Assistant Track				
BIO 124	Principles of Biology II	4	BIO 116/117 General Biology II & Lab	4
BIO 163	Medical Terminology	3		
BIO 384	Human Anatomy & Physiology I	4		
BIO 394	Human Anatomy & Physiology II	4		
	Science Elective	8		
	General Electives	8		
Pre-Medical Track				
MA 164	Calculus II	4		
MA 213	Calculus III	3		
CH 354	Physical Chemistry I	4		
PH 224	University Physics I	4		
PH 234	University Physics II	4		
PHL 313	Ethics	3		
SOC 103	Principles of Sociology	3		
	Science Elective	4		
	Total	120	Transfer Total	90

*HUM 203 Humanities Seminar has a residency requirement with no substitutions or transfers. This will be waived for Notre Dame College students who have successfully completed ENG 101 College Composition II.

Transfer Policy

1. An official college/university transcript sent or scores from the transferring college to Trine University.
2. A grade of "C" or higher was earned in the transferring course.
3. Credits are from a regionally accredited or DOE institution.
4. Courses are 100-level or higher (not pre-college, remedial, developmental, preparatory, or credits through testing or assessed learning).