



# TRINE UNIVERSITY

## Siena Heights Transfer Guide to BS - Biology

**71 hours** total eligible for transfer. Only 49 hours left to complete 120 hours of program requirements.

### Pre-Professional Prep

- Pre-Dental
- Pre-Medicine
- Pre-Physical Therapy
- Pre-Podiatric

TRINE UNIVERSITY BACHELOR OF SCIENCE WITH A MAJOR IN BIOLOGY (120 HRS)				
Siena Heights University BS - Biology				71
Trine University BS - Biology				49
Total Credits				120
General Education Requirements – 32 hours		Transfer Institution Information		
Communication – 9 hrs.		Credits	Siena Heights Univ	Credits
ENG 143	College Composition	3	ENG 102	3
HUM 203	Humanities Seminar	3		
SP 203	Effective Speaking	3	TSD 101	3
Humanities and Social Science – 9 hrs.				
PSY 113	Principles of Psychology	3	PSY 111	3
	Social Science Elective	3	SOCIAL SCIENCE	
	Humanities Elective	3	PHILOSOPHY or RELIGIOUS STUDIES	3
Mathematics and Science – 14 hrs.				
MA 113	College Algebra	3		
MA 123	Trigonometry	3		
CH 104	General Chemistry I	4	CHE 141	4
CH 114	General Chemistry II	4	CHE 142	4
Biology Core – 51 hrs.				
UE 101	University Experience	1		
BIO 114	Principles of Biology I	4		
BIO 124	Principles of Biology II	4		
BIO 202	Intro to Biological Literature & Communication	2		
BIO 233	Cell Biology	3	BIO 141	3
BIO 274	General Ecology	3		
BIO 302	Professional Practice Science	2		
BIO 324	Microbiology	4	BIO 360	
BIO 414	Genetics	4	BIO 342	4
	Biology Elective (300-400 Level) BIO 314	4	BIO 241	4
	Biology Elective (300-400 Level) BIO 304	4	BIO 242	4
CH 204	Organic Chemistry I	4	CHE 241	4
PH 154	College Physics I	4	PHY 141 or PHY 116	4
MA 253	Statistics	3	MAT 179 or MAT 244	3
SCI 412 and SCI 422 or SCI 434	Senior Research Seminar and Science Research Project or Science Internship	4		
Traditional Biology Track – 37 hrs.				
	Biology Elective (300-400 Level)	3	BIO Approved Electives	3
	Biology Elective (300-400 Level)	3	BIO Approved Electives	3
	Biology Elective (300-400 Level)	4	BIO Approved Electives	4
	Math or Science Electives	4	CHE 242	4
	Math or Science Electives	4	MAT 159 or MAT 181	4
	General Elective	4	PHY 142 or PHY 162	4
	General Elective	1	BIO 395	1
	General Elective	1	BIO 396	1
	General Elective	1	FINE & PERFORMING ARTS	1
	General Elective	3		
	General Elective	3		
	General Elective	3		
	General Elective	3		
	<b>TOTAL</b>	<b>120</b>	<b>TOTAL</b>	<b>71</b>

### Transfer Policy

- Official transcripts and scores sent to Trine University.
- A grade of “C” or higher earned.