



**Bachelor of Science in
 Life Science (Biology) Education**

TRINE UNIVERSITY

Transfer Overview	Credit Hours
Iowa Wesleyan University - BS Secondary Science Education credits transferred	90
Trine BS Life Science (Biology) Education remaining credits to complete	30
Total Credits	120

Trine Bachelor of Science in Life Science (Biology) Education - 120 Credit Hours

General Education Requirements - 33 Hours			Transfer Institution Information		
Communication - 9 hours			Credits	Iowa Wesleyan University	Credits
ENG 143	College Composition	3	ENG 110 College Research		3
HUM 203	Humanities Seminar	3	ENG 109 College Composition (SUB)*		3
SP 203	Effective Speaking	3	COMM 147 Intro to Public Speaking		3
Humanities and Social Science - 9 hours					
ENG 153	Intro to Literature	3			
PSY 113	Principles of Psychology	3	PSYC 131 General Psychology		3
EDU 273	Issued in American Foundations	3	EDU 294 Foundations of Education		3
Mathematics and Science - 14 hours					
MA 113	College Algebra	3			
MA 123 or MA 134	Trigonometry or Calculus I	3	MATH 201 Pre-Calculus or MATH 231 Calculus I		3
CH 104	General Chemistry I	4	CHEM 175 General Chemistry I		4
CH 114	General Chemistry II	4	CHEM 176 General Chemistry II		4
Biology Content Required - 36 hours					
UE 101	University Experience	1	WS 147 Tiger Perspectives		1
BIO 114	Principles of Biology I	4	BIO 105 General Biology I		4
BIO 124	Principles of Biology II	4	BIO 205 General Biology II		4
BIO 154	Human Body Systems	4			
BIO 304	Plant Biology	4			
BIO 314	Animal Biology	4			
BIO 324	Microbiology	4			
BIO 334	Environmental Biology	4			
BIO 233	Cell Biology	3			
BIO 414	Genetics	4			
Professional Education Requirements - 42 hours					
EDU 111	Education Exploration	1	EDUC 110 Intro to Teacher Exploration		1
EDU 211	Education Immersion	1	EDUC 261 Early Exp in the Schools		1
EDU 232	Ed Psych for Middle & Sec Teacher	2	EDUC 296 Educational Psychology		3
EDU 301	Instructional Design Clinical Experience	1			
EDU 303	Instructional Design	3	Trine University Residency Requirement		
EDU 312	Exceptional Learners	3	EDUC 301 Ed of Exceptional Persons		3
EDU 322	Culturally Responsive Teaching	3	EDUC 357 Human Relations		3

EDU 331	Literacy in the Content Area Clinical Exp	1		
EDU 332	Literacy in the Content Area	2	EDUC 327 Read in the Sec Content Area	2
EDU 362	Classroom Behavior & Environment	2	EDUC 302 Classroom Management	2
EDU 411	Practicum in Teaching - Middle School	1		
EDU 412	The Middle School	2		
EDU 422	Middle School Methods	2		
EDU 431	Secondary Methods Practicum	1		
EDU 442	Secondary Methods	2		
EDU 462	Educational Measurement	2		
EDU 463	Educational Media & Technology	3		
EDU 470	Supervised Student Teaching	10		
EDU 482	Student Teaching Seminar	2		
Free Electives - 10 hours				
	Elective	10	Complete from undistributed credits. Total transfer credit not to exceed 90 credits.	
	Total	120	Transfer Total	90

*HUM 203 Humanities Seminar has a residency requirement with no substitutions or transfers. This will be waived for Iowa Wesleyan University students who have successfully completed ENG 109 College Composition.

Undistributed Credits	Credits
WS 148 Tiger Expeditions	1
Math (Quantitative & Scientific Reasoning)	3
Science (Quantitative & Scientific Reasoning)	3
Humanities Electives	6
EDUC 332 Elementary School PE & Health Methods & Curriculum	3
EDUC 396E Secondary Special Methods: Science Education	3
EDUC 294 Foundations of Education	2
EDUC 215 Technologies Applications in the Classroom	2
EDUC 262 Participation and Analysis in the Schools	1
EDUC 263 Participation and Analysis in the Schools	1
EDUC 295 Curriculum Development & Evaluation	3
EDUC 404 Seminar for Secondary Teachers	1
EDUC 492 Practicum in K-12 Education (Business and Science)	7
EDUC 493 Practicum in K-12 Education (Business and Science)	7
PSYC 251 Developmental Psychology	3
BIO 260 Ecology & Conservation	4
CHEM 355 Organic Chemistry I	4
MATH 171 Elementary Statistics	4
PHYS 210 General Physics I	4
PHYS 211 Basic Electronics	1
PHYS 220 General Physics II	4
SCI 205 Elementary Astronomy	3
SCI 341 Principles of Geology	3
SCI 342 Earth Science	3

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).