



Bachelor of Science
Mathematics

TRINE UNIVERSITY

Transfer Overview	Credits
Notre Dame College - BA/BS, Mathematics credits transferred	90
Trine BS, Mathematics remaining credits to complete	30
Total Credits	120

Trine Bachelor of Science Mathematics - 120 Credit Hours

General Education Requirements - 33 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					
PHL 343	Logic	3			
	Social Science	3	Global Learning - EC, HI, PO or PY	3	
	Humanities or Social Science	3	Creative, Theological, Philosophical, Literary Inquiry, or Global Learning - EC, HI, PO or PY	3	
Mathematics and Science - 12 hours					
MA 134	Calculus I	3	MA 175 Calculus I	4	
Complete one Science Sets below for 8 hours:					
BIO 114	Principles of Biology I	8	BI 114/115 General Biology I & Lab	8	
BIO 124	Principles of Biology II		BI 116/117 General Biology II & Lab		
CH 104	General Chemistry I	8	CH 118/119 General Chemistry I & Lab	8	
CH 114	General Chemistry II		CH 120/121 General Chemistry II & Lab		
PH 224	University Physics I	8	PS 200/201 College Physics I & Lab	8	
PH 234	University Physics II		PS 202/203 College Physics II & Lab		
Other - 3 hours					
CSIT 163 or CS 1113	Using Programming to Solve Programs or Intro to Object-Oriented Program	3	IS 222 Programming Logic & Design	3	
Content Requirements - 50 hours					
UE 101	University Experience	3	FYF 100 First Year	1	
MA 143	Discrete Mathematics	3	MA 332 Intro to Discrete Mathematics	3	
MA 164	Calculus II	3	MA 176 Calculus II	4	
MA 213	Calculus III	3	MA 277 Calculus III	3	
MA 233	Differential Equations	3	MA 280 Differential Equations I	3	
MA 313	Intro to Linear Algebra	3	MA 331 Linear Algebra & Matrix Theory	3	
MA 343	Intro to Proofs	3			
MA 373	Abstract Algebra	3	MA 432 Modern Algebra	3	
MA 403	Real Analysis	3			
MA 423	Complex Variables	3			
MA 453	Point-Set Topology	3			
MA 473	Graph Theory & Combinatorics	3			
MA 483	Mathematics Capstone I	3			
Complete 9 credits from below:					
MA 333	Number Theory	3	MA 310 Number Theory	3	
MA 353	Vector Analysis	3			
MA 363	Advanced Differential Equations	3	MA 410 Differential Equations II	3	
MA 393	Probability & Statistics	3	MA 416 Advanced Probability & Stats	3	
MA 3003	Topics in Mathematics	3			
MA 3093	Probability	3			
MA 3193	Financial Mathematics	3			
MA 3293	Advanced Probability & Statistics	3			
MA 413	Advanced Linear Algebra	3			
MA 4003	Special Problems in Mathematics	3			

Free Electives - 40 hours			
	Elective	40	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 Notre Dame College students who have successfully completed ENG 101 College Composition.

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).