

Sample Degree Plan with a Concentration in Applied Mathematics

Degree: Bachelor of Science
 Registered Area: Science, Mathematics and Technology
 Concentration: Applied Mathematics

TRANSCRIPT CREDIT

SUNY / Community College

Concentration	Credits	General Learning	Credits
*College Algebra and Trigonometry [MA-F]	4	*College English 1 [BC-F]	3
*Elementary Statistics	3	*American History 2 [AH-F]	3
*Precalculus	4	*Religions of the East [OW-F]	3
*Calculus I	4	*College English 2	3
*Calculus II	4	*Oral Communication [BC-F]	3
*Calculus III	4	*General Chemistry 1 [NS-F]	3
		*Computer and MIDI Keyboard 1	3
		*Abnormal Psychology [SS-F]	3

SUNY / University

Concentration	Credits	General Learning	Credits
	3	*+American Literature 2 [HU-F]	4
		*+Shakespeare 1	3
		*+American Literature 1	3
		*+20th Century Criticism	3
		*+Existentialism	3
		*Elementary Spanish 1 [FL-F]	3
		*+Ethics	3
		*+Phenomenology	3
		*+Philosophy of Mind	3
		*+Metaphysics	3
		*+Philosophy Proseminar	3
		*+English Literature 1	4
		*+Soviet Union	3

TOTAL TRANSCRIPT CREDIT 88

TOTAL CREDIT BY EVALUATION 0

TOTAL ADVANCED STANDING 88

EMPIRE STATE UNIVERSITY

Concentration	Credits	General Learning	Credits
*MATH 2010 Introduction to Proof and Logic	4	*EDPL 1010 Educational Planning: Introductory II	4
*+MATH 3065 Ordinary Differential Equations	4		
*+MATH 3010 Linear Algebra	4		
*+MATH 3025 Math Modeling	4		
*+MATH 3060 Mathematical Statistics	4		
*+MATH 4025 Complex Variables	4		
*+MATH 3055 Numerical Methods	4		
*+MATH 3015 Discrete Mathematics	4		

TOTAL EMPIRE STATE UNIVERSITY CREDIT 36
 DEGREE PROGRAM TOTAL 124

SUMMARY

	Degree Program	Concentration	Requirements
Total Credits	124	54	OK
SUNY Empire Studies	36		OK
Advanced Level (+)	66	28	OK
Liberal Studies (*)	117		OK
Advanced Standing	88		OK