

## Sample Degree Plan with a Concentration in Mathematics

Degree: Bachelor of Science

Registered Area: Science, Mathematics and Technology

Concentration: Mathematics

### Transcript Credit

SUNY / Community College

Concentration	Credits	General Learning	Credits
Pascal Programming	3	World's Sacred Texts	1
Calculus I	4	Intro Sociology [SS-F]	3
Calculus II	4	Intro Psychology	3
Intro. Computer Science	4	Intro Astronomy	3
		Intro Astronomy Lab [NS-P]	1
		History of Western Art[AR-F]	3
		Drawing 1 [AR-F]	3
		Human Biology Lab [NS-P]	1
		Mixed Media Painting	3
		Electronic Publishing	3
		Principles of Communication	3
		Intro. Interpersonal Communic. [SS-F]	3
		Intro. To Communication Theory	3
		Intro. Public Relations	3
		Theories of Interpersonal Communic. (Adv.)	3
		Intro Mass Communication	3
		Western Humanities II [HU-F]	4
		Music of World's Peoples [OW-F]	3
		Perspectives on Organiz. Communic.	3
		Intercultural Communic. [BC-P] (Adv.)	3
		Assertion, Conflict, Mediation (Adv.)	3
		International Mass Communic. (Adv.)	3
		Selected Media: Mixed Media II (Adv.)	3
		Conditioning	1

Total Transcript Credit: 80  
Total Advanced Standing: 80

Concentration	Credits	General Learning	Credits
Introduction to Proof and Logic MATH 2010	4	Topics in Educational Planning I EDPL 1015	2
Intro. Object-Oriented Programming CSCI 2015	4	Communication through New Media [BC-F] COMM 3015	4
Linear Algebra MATH 3010	4	21st Century Careers: Advanced SSAE 3005	2
Discrete Mathematics MATH 3015	4		
Calculus III MATH 3040	4		
Mathematical Statistics MATH 3060	4		
Ordinary Differential Equations MATH 3065	4		
Abstract Algebra I MATH 4010	4		
Real Analysis MATH 4030	4		

Total Empire State College Credit: 44  
Degree Program Total: 124

## Summary

	Degree Program	Concentration	Requirements
<b>Total Credits</b>	124	51	OK
<b>ESC Studies</b>	44		OK
<b>Advanced Level (+)</b>	45	24	OK
<b>Liberal Studies (*)</b>	74		OK
<b>Advanced Standing</b>	80		OK