Sample Degree Plan with a Concentration in Computer Science

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

Transcript Credit

SUNY / Community College

Concentration	Credits	General Learning	Credits
Computer Information Systems	3	Principles of Management	3
		* Statistics I [MA-F]	3
		* Precalculus [MA-F]	3
		* College Algebra [MA-F]	3
		* Cultural Anthropology [HU-F]	3
		* Music History I [AR-F]	3
		* English Composition I [BC-F]	3
		* Elementary Italian I [FL-F]	3
		* Introduction to Psychology [SS-F]	3
		* Introduction to Sociology [SS-F]	3
		* Western Civilization I [WC-F]	3
		* Introduction to Human Communication [BC-F]	3
		* Western Civilization II [WC-F]	3
		* Introduction to Oceanography [NS-F]	3
		* Issues in Philosophy [HU-F]	3
		* Introduction to Literature [HU-F]	3
		* Introduction to Dramatic Literature	3
		* Global Climate Change	3
		* American Sign Language I	3
		* Literature as Film [HU-F]	3
		Criminal Investigation	3

Total Transcript Credit: 66

Credit by Evaluation

CompTIA (ESC PLE)

Concentration	Credits	General Learning	Credits
+ CompTIA Security+	2		

Total Credit by Evaluation: 2
Total Advanced Standing: 68

Empire State College

Concentration	Credits	General Learning	Credits
CSCI 1020 Introduction to Networks	4	* + EDPL 3010 Educational Planning: Advanced II	4
* CSCI 2010 Introduction to C++ & OOP	4	* MATH 2140 Calculus I [MA-F]	4
* + MATH 3015 Discrete Mathematics	4	* + INFS 3015 Economic Issues & Strategies for IT [SS-F]	4
+ CSCI 3015 Data Structures & Algorithms	4	+ MGIS 3010 Management Information Systems	4
+ CSCI 3005 Computer Organization & Architecture	4		
+ CSCI 3020 Operating Systems	4		
+ INFS 3010 Database Systems	4		
+ INFT 3045 Social, Professional & Ethical Issues in Computing	4		
+ CSCI 4005 Software Engineering	4		
+ INFT 4005 Business Continuity Planning & Disaster Recovery	4		

Total Empire State College Credit: 56
Degree Program Total: 124

Summary

	Degree Program	Concentration	Requirements
Total Credits	124	42	OK
ESC Studies	56		OK
Advanced Level (+)	46	34	OK
Liberal Studies (*)	77		OK
Advanced Standing	68		OK