

Sample Academic Plan: Information Technology- Cybersecurity Certificate

Catalog: 22-23

GE Pattern: N/A

Full Time, Total Units: 31

NOTE: This program roadmap represents one possible pathway to complete the program. Please see a counselor to create an academic plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call (916) 660-7400.

First Year

Semester 1 (4 units)

Course Number	Course Title	Units	Area
IT 0100	Information & Comm Technology Essentials	4 units	Major

Semester 2 (6 units)

Course Number	Course Title	Units	Area
IT 0105	Computer Network Fundamentals	3 units	Major
IT 0075	Python for Many Uses	3 units	Major

Second Year

Semester 3 (12 units)

Course Number	Course Title	Units	Area
IT 0110	Installing, Config and Administering a Client OS	3 units	Major
IT 0115	Server Systems Administration	3 units	Major
IT 0120	Introduction to Information Systems Security	3 units	Major
IT 0060/ IT 0165	Proj Mngmnt Software/Comp Forensics & Fund	3 units	Major Elective

Semester 4 (9 units)

Course Number	Course Title	Units	Area
IT 0140	Implementing Network Security and Firewalls	3 units	Major
IT 0145	Introduction to Cybersecurity, Ethical Hacking	3 units	Major
IT 95/ IT 125/IT 150	Intern/Rout & Switching/Cybersecurity Analysis	3 units	Major Elective