

RECOMMENDED ACADEMIC PLANS

These academic plans are a general guide but can vary depending on option, course availability, and previous coursework. This “guide” is a tool that should be used in combination with your academic adviser and your degree audit.

Information Sciences and Technology Information Systems: Design and Development (ISDEV) Option

Effective Summer 2011

Semester 1	Credits	Semester 2	Credits
IST 110/110S Information, People and Technology ETM Course	3	IST 210 Organization of Data ETM Course	4
MATH 110 or MATH 140 (GQ)	4	Natural Sciences (GN)	3
CMPSC 101 (GQ) Intro to C++ Programming or IST 297D Intro to Application Programming	3	Foreign Language 002	4
Foreign Language 001	4	ECON 102 (GS) or ECON 104 (GS) or ECON 014 (GS)	3
		ENGL 015 or ENGL 030 (GWS)	3
Total Credits:	14	Total Credits:	17
Summer: IST 495 Internship (1)			
Semester 3	Credits	Semester 4	Credits
IST 220 Networking and Telecommunications ETM Course	3	IST 240 Introduction to Computer Languages	3
IST 230 Language, Logic and Discrete Math	3	STAT 200 (GQ)	4
Foreign Language 003	4	CAS 100 (GWS)	3
Humanities (GH)	3	Social and Behavioral Sciences (GS)	3
Arts (GA)	3	Natural Sciences (GN)	3
Total Credits:	16	Total Credits:	16
Summer: IST 495 Internship (1)			
Semester 5	Credits	Semester 6	Credits
IST 311 Organization and Design of Info Systems	3	IST 301 Information and Organizations	3
IST 331 Organization and Design of Info Systems	3	IST 411 Distributed Object Computing or IST 412 The Engineering of Complex Software Systems or IST 413 Usability Engineering	3
Support of Option	3	Support of Option	3
Humanities (GH)	3	Foreign Culture	3
Health and Physical Activity (GHA)	3	ENGL 202C or ENGL 202D (GWS)	3
Total Credits:	15	Total Credits:	15
Summer: IST 495 Internship (1)			
Semester 7	Credits	Semester 8	Credits
IST 4xx Emerging Issues and Technologies	3	IST 440W IST Integration and Problem Solving	3
IST 411 or IST 412 or IST 413	3	Support of Option	3
Support of Option	3	Natural Sciences (GN)	3
Foreign Culture	3	Elective	4
Arts (GA)	3	Elective	3
Total Credits:	15	Total Credits:	16