

Information Technology Sample Schedule

Freshman Year

	Course Title	Fall	Spring
CS 400	Introduction to Computing	1	-
MATH 425	Calculus I (Discovery QR)	4	-
IT 403	Introduction to Internet Technologies	4	-
CS 415 or CS 414	Introduction to Computer Science I or From Problems to Algorithms to Programs	4	-
	Discovery	4	-
CS 416 or CS 417	Introduction to Computer Science II or From Programs to Computer Science	-	4
IT 502	Intermediate Web Design	-	4
	Discovery	-	4
ENGL 401	First-year Writing (Discovery WS)	-	4
	Total	17	16

Sophomore Year

	Course Title	Fall	Spring
IT 505	Database Programming	4	-
MATH 539	Introduction to Statistical Analysis	4	-
	Discovery	4	-
	Lab Science I (Discovery BS/PS + DLAB)	4	-
	Lab Science II	-	4
IT 520	Computer Architecture	-	4
ENGL 502	Technical Writing	-	4
	Second Discipline I	-	4
	Total	16	16

Junior Year

	Course Title	Fall	Spring
CS 501	Professional Ethics & Communication in Tech-related Fields (Discovery ETS+INQ)	4	-
IT 609	Network/System Administration	4	-
	Second Discipline II	4	-
	Discovery	4	-
IT 666	Computer Security	-	4
	600/700-level IT Elective	-	4
	600/700-level IT Elective	-	4
	Discovery	-	4
IT 699	Internship	-	1
	Total	16	17

Senior Year

	Course Title	Fall	Spring
IT 705	Project Management for IT	4	-
IT 775	Database Technology	4	-
	Second Discipline III	4	-
	Discovery	4	-
IT 710	Senior Project (Discovery Capstone)	-	4
	Second Discipline IV	-	4
	600/700-level IT Elective	-	4
	Free Elective	-	4
	Total	16	16

600-level Electives: IT 604 Server-Side Web Development
 IT 605 Client-Side Web Development
 IT 612 Scripting Languages

700-level Electives: IT 704 Advanced Web Development
 IT 725 Network Technology
 IT 780 Topics in Information Technology

Lab Science: BIOL 411/412 Principles of Biology I & II
 PHYS 401/402 Introduction to Physics I & II
 CHEM 403/404 General Chemistry I & II
 ESCI 401/402 – Dynamic Earth & Earth History
 (ESCI 409 – Geology and the Environment - can be substituted for ESCI 401)

Second Disciplines (4 courses)

Business Administration
 Justice Studies
 Health Management and Policy
 Student Designed