

BS: INFORMATION TECHNOLOGY DEGREE PLAN (IT)	
UNIVERSITY REQUIREMENTS	
Please see the University Requirements section of this catalog (page 38).	
MAJOR REQUIREMENTS	
Computer Science	
CS 115 Introduction to Programming using Scripting <u>and CS 116 Scripting II or CS 120 Programming I and CS 130 Programming II</u>	6
Information Systems	
IS 405 System Analysis and Design	3
Information Technology	
IT 220 Introduction to Databases and Database Management Systems	3
IT 221 Fundamentals of Networking and Data Communication	3
IT 225 Web Development I	3
IT 310 Introduction to Computer and Information Security	3
IT 410 Systems Integration and Administration	3
Information, Technology and Computing	
ITC 110 Intro to Information Technology & Computing	3
ITC 460 Managing Technical Projects (writing-intensive course and capstone).....	3
TOTAL	30
MAJOR SELECTION OR CONCENTRATION	
Advanced <u>CS or IT</u> electives	9
<u>CS, IT, DET, IS, ITC</u>	6
TOTAL	15
Selections may be used toward one of the following concentrations:	
Application Development	15
IT 325 Web Development II.....	3
Select 4 courses	12
CS 230 Object-Oriented Programming	
CS 315 Mobile Computing I	
CS 316 Mobile Computing II	
CS 320 Database Programming and Design	
CS 330 The Human-Computer Interface	
CS 374 Software Engineering	
CS 474 Object-Oriented Design	
IT 490 Topics in Information Technology	
ITC 495 Internship	
Networking and Administration	15
IT 320 Database Administration.....	3
IT 330 Networking II.....	3
Select 3 Courses	9
CS 420 Networks and Distributed Computing	
IS 410 Enterprise Resource Planning	
IT 415 Networks and Security Administration	
IT 420 Wireless Networks and Protocols	
IT 430 Modern Telecommunications	
IT 490 Topics in Information Technology	
ITC 495 Internship	
SUPPLEMENT FOR MAJOR	
ECON 261 Principles of Microeconomics	(3) ¹

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Resources (writing-intensive course) . 3¶

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MGMT 459 Project Management . 3¶

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Choose four courses from: CS 315, 316, 320, 420, IS 330, 415, ¶
432, DET 310, 410, IT 300-499 (prerequisites may apply) . 12¶

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IS 322 Business Statistics I or MATH 377 Statistical Methods I 3	
MATH 131 Calculus for Applications or MATH 185 Calculus (3)	
TOTAL	3
¹ Hours (in parentheses) may also fulfill university requirements and are not included in total major hours	
SUPPORT AREA	
An approved 6-course area of emphasis or minor (excluding courses used to satisfy other degree requirements)	18
ELECTIVES	
Minimum	6
TOTAL MAJOR HOURS	72
OTHER GRADUATION REQUIREMENTS	
Minimum grade in CS 115, 116; IT 120, 220, 221, 225, 310	C
Minimum GPA in major requirements	2.00
Minimum GPA for graduation	2.00
Minimum advanced hours	33
Minimum total hours	128
<i>Courses numbered 0** do not count in minimum hours required for degree.</i>	

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Deleted: ¶ Social Sciences/Humanities¶ ECON 261 Principles of Microeconomics . (3)¹¶ PHIL 486 Ethics . (3)¹¶