

B.S. DEGREE / INFORMATION TECHNOLOGY MAJOR

UNIVERSITY CORE (44 - 53 credits)

Foundation Requirements (19-28 crs)

ENG 110 (Can test out)	0-3	_____
ENG 120 Freshman Writing	4	_____
ENG 201 Writing in the Discipline:	3	_____
COM 200 Public Speaking	3	_____
Approved MAT 104 Finite Math	3	_____
Approved Foundation Sci Course	3	_____
CIT 110 Intro. To Info. Technolog	3	_____
Two Language courses selected from:		
CHI / FRE / ITA / JPN / POR / RUS / SPA	0-3	_____
_____	0-3	_____

Areas of Knowledge (AOK) - minimum of 25 credits

See list of courses on Web & Schedule which satisfy AOK Core Areas.

Western Heritage - WH (AOK 2)

(2 courses)

_____	3	_____
_____	3	_____

World Traditions and Cultures - WTC (AOK 3)

(2 courses)

_____	3	_____
_____	3	_____

Humanistic & Creative Expression - HCE (AOK 4)

(2 courses)

_____	3	_____
_____	3	_____

Analysis of Human, Social, and Natural Phenomena - HSN (AOK 5)

(2 courses)

MAT 117 Statistics	4	_____
_____	3	_____

***REQUIRED LEARNING EXPERIENCES:**

Civic Engagement (one CE course)

One CE Course

Learning Community

One LC Course

Writing - Enhanced Course Requirement

Two Writing - Enhanced Courses indicated by (W)

1. CIT 110 Intro. To Info. Technology	3	_____
2	3	_____

IT Foundation/Required Courses (24 crs)

CIT 211 Intro to Comp System Hardware	4	_____
CIT 221 Global Networking Technology	4	_____
CIT 231 Web Authoring and Digital Media	4	_____
CIT 241 Database Management	4	_____
CIT 251 Computer Security Overview	4	_____
CIT481/471 Capstone Project or Internship	4	_____

IT Career Focus (10-12 crs)

(Minimum 3 courses in one focus area)

Security Focus

CIT 352 Network and Internet Security	3	_____
CIT 354 Computer Forensics	3	_____
CIT 312 Intro to Programming I	4	_____
CIT 356 Operating Systems Concepts	4	_____

Web and Digital Media Focus

CIT 332 Multimedia and user Interface	4	_____
CIT 322 Distributed Computing	4	_____
CIT 344 Project Management	4	_____

Computer Forensics Focus

CIT 361 Forensic Investigation,	4	_____
CIT 363 Comp. Forensics, Cyberlaw &	4	_____
CIT 365 Mobile Device Forensics	4	_____

Information Management Focus

CIT 342 Systems Analysis and Design	4	_____
CIT 344 Project Management	4	_____
CIT 348 Data Mining	4	_____
CIT 346 Database Programming	4	_____

Networking Focus

CIT 312 Intro to Programming I	4	_____
CIT 352 Network and Internet Security	4	_____
CIT 322 Distributed Computing	4	_____

Interdisciplinary Focus (9 crs)

(choose one of the attached Interd. Focuses or design a 3 course sequence at the 200 or higher level from any discipline.)

_____	3	_____
_____	3	_____
_____	3	_____

Open Electives (27-38 crs)

*additional IT Interdisciplinary focus recommended

UNV 101#	1	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	4	_____
_____	4	_____
_____	4	_____

Total Credits = 128

UNV 101 Freshman Seminar is required for all new Freshmen.

* Entering Freshmen are required to take one Civic Engagement course, one Learning Community and two writing-enhanced courses.

** Students must earn a grade of "C" or better in each prerequisite core course in order to take subsequent CS courses.

>>>> Course is taken as part of the University Core Requirements.

Recommended Interdisciplinary Focuses

Criminal Justice

CRJ 150	Intro to Criminal Justice	3	_____
CRJ 247	Intro to Private Security	3	_____
CRJ 346	Terrorism and Society	3	_____

Management Science

MGT 355	Mgmt Science & Production Mgt	3	_____
MGT 356	Simulation Techniques	3	_____
MGT 456	Advanced Operations Research	3	_____

Computer Art

ART 186	Basic Computer Design	3	_____
ART 287	Digital Imaging	3	_____
ART 380	Computer Illustration	3	_____

English

ENG 302	Composition Theory and Practice	3	_____
ENG 306	Writing for the Professions	3	_____
ENG 310	Journalism	3	_____

Communications

COM 111	Introduction to Communication	3	_____
COM 119	Organizational Communication	3	_____
COM 214	Interpersonal Communication	3	_____

Economics

ECO 105	Macroeconomics	3	_____
ECO 106	Microeconomics	3	_____
ECO 238	Money and Banking	3	_____

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COM 200 Public Speaking	3	_____
Approved Foundation MAT	3	_____
Approved Foundation SCI	3	_____
CIT 110 Intro. To Info. Technology	3	_____
Two Language courses selected from:		
CHI / FRE / ITA / JPN / POR / RUS / SPA	0-3	_____
_____	0-3	_____
_____		_____

Liberal Arts Requirement - 25 credits

MAT117 Statistics	4	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____

*REQUIRED LEARNING EXPERIENCES:	
Civic Engagement (one CE course)	3 _____

IT Foundation/Required Courses (24 crs)

CIT 211 Intro to Comp System Hardware	4	_____
CIT 221 Global Networking Technology	4	_____
CIT 231 Web Authoring and Digital Media	4	_____
CIT 241 Database Management	4	_____
CIT 251 Computer Security Overview	4	_____
CIT481/471 Capstone Project or Internship	4	_____

IT Career Focus (10-12 crs)

(Minimum 3 courses in one focus area)

Security Focus

CIT 352 Network and Internet Security	3	_____
CIT 354 Computer Forensics	3	_____
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_____	3	_____
_____	3	_____
_____	3	_____

Open Electives (27-38 crs)

***additional IT Interdisciplinary focus recommended**

_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	3	_____
_____	4	_____
_____	4	_____

Total Credits = 128

>>>> Course is taken as part of the University Core Requirements.

* Entering Freshmen are required to take one Civic Engagement and Public Values course