

Name:	
UID:	
Date:	

Bachelor of Science in Information System and Technology (IST)

3.6.3 Worksheet

IST Requirements (84 credits)

Technology Requirements (14 credits):

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	IT 104	Industrial Organization	3	-			
<input type="checkbox"/>	TECH 120	Technology and the Individual	3	-			
<input type="checkbox"/>	OLS 252	Human Relations in Organizations	3	-			
<input type="checkbox"/>	TECH 320	Technology and the Organization	2	TECH 120			
<input type="checkbox"/>	TECH 330	Technology and the Global Society	3	TECH 120			

Technology Credits Planned: _____

Technology Credits Completed: _____

Technology Credits Remaining: _____

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IST Core Requirements (34 credits):

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Reg, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	CNIT 180	Introduction to Systems Development	3	PC Literacy			
<input type="checkbox"/>	CNIT 155	Introduction to Object-Oriented Programming	3	PC Literacy			
<input type="checkbox"/>	CNIT 176	Information Technology Architecture	3	PC Literacy			
<input type="checkbox"/>	CNIT 255	Programming for the Internet	3	CNIT 155 (C-)			
<input type="checkbox"/>	CNIT 272	Database Fundamentals	3	CNIT 155 (C-), CNIT 180 (C-)			
<input type="checkbox"/>	CNIT 242	System Administration	3	CNIT 176 (C-), Sophomore			
<input type="checkbox"/>	CNIT 280	Systems Analysis and Design methods	3	CNIT 180 (C-), CNIT 272 (C-)			
<input type="checkbox"/>	CNIT 380	Advanced Analysis and Design	4	CNIT 280 (C-)			
<input type="checkbox"/>	CNIT 480	Managing Information Technology Projects	3	CNIT 280 (C-), Senior			
<input type="checkbox"/>	CNIT 315	Systems Programming	3	CNIT 255 (C-)			
OR							
<input type="checkbox"/>	CNIT 325	Object-Oriented Application Development	3	CNIT 255 (C-)			
<input type="checkbox"/>	CNIT 372	Database Programming	3	CNIT 272 (C-)			
OR							
<input type="checkbox"/>	CNIT 392	Enterprise Data Management	3	CNIT 272 (C-)			

Core IST Credits Planned: _____
 Core IST Credits Completed: _____
 Core IST Credits Remaining: _____

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Information Systems Selective Requirement (15 credits):

Any 300 level or higher CNIT course. See course catalogue for course selection, other than those required by the degree. Student to choose 15 credits worth of courses.

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req., ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	CNIT 399	Topics In Computer And Information Technology - Graduation Project I	3	Senior			Can be between 1 to 4
<input type="checkbox"/>	CNIT 499	Topics In Computer And Information Technology - Graduation Project II	3	CNIT 399 (C-)			Can be between 1 to 3
<input type="checkbox"/>							
<input type="checkbox"/>							
<input type="checkbox"/>							
<input type="checkbox"/>							

Information Systems Elective Credits Planned: _____
 Information Systems Elective Credits Completed: _____
 Information Systems Elective Credits Remaining: _____

Required Selectives (21 credits)

Accounting Selective (3 credit hours):

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req., ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	ACT 300	Financial Accounting	3	MAT 150 or MAT 200 or MA 223			
<input type="checkbox"/>	ACT 200	Introductory Accounting For Non-Business Majors	3	MAT 150 or MA 223 or MA 165			

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Statistics Selective (3 credits):

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req., ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	STAT 225	Introduction To Probability Models	3	MA 224			
<input type="checkbox"/>	STAT 301	Elementary Statistical Methods	3	MA 224			

Interdisciplinary Selective (15 credits):

No more than two courses can be selected from each of the following five categories. Courses are subject to availability.

Finance

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req., ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	IT 450	Production Cost Analysis	3	MA 223			
<input type="checkbox"/>	ACT 310	Managerial Accounting	3	ACT 300			
<input type="checkbox"/>	FIN 300	Managerial Finance	3	ACT 300, Sophomore			

Manufacturing or Marketing

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req., ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	IT 345	Automatic Identification And Data Capture	3	Junior			
<input type="checkbox"/>	MKT 300	Principles of Marketing Management	3	ECON 252, Junior			
<input type="checkbox"/>	MGMT 323	Introduction To Market Analysis	3	ECON 252			

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Business Law

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	BUS 220	Business Law and Ethics	3	BUS 250			

Quality Control

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	OLS 484	Leadership Strategies for Quality and Productivity	3	IT 342 or STAT 301			
<input type="checkbox"/>	IT 342	Introduction to Statistical Quality	3	MA 223			

Organizational Management, Behavior and Human Resources (OBHR)

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	BUS 250	Business Organization and Management	3	ENGL 100			
<input type="checkbox"/>	ENTR 200	Introduction To Entrepreneurship And Innovation	3	-			
<input type="checkbox"/>	ENTR 310	Marketing and Management for New Ventures	3	ENTR 200			
<input type="checkbox"/>	HRM 300	Organizational Behavior	3	BUS 250, Sophomore			
<input type="checkbox"/>	HRM 340	Human Resource Management	3	HRM 300			

Required Selectives Credits Planned: _____

Required Selectives Credits Completed: _____

Required Selectives Credits Remaining: _____

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Mathematics and Science Requirement (6 credits)

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>	MA 223	Introductory Analysis I	3	Passing ENG Math Placement test or MAT 110 or MA 158			
<input type="checkbox"/>	MA 224	Introductory Analysis II	3	MA 223			

Mathematics Credits Planned: _____
 Mathematics Credits Completed: _____
 Mathematics Credits Remaining: _____

Free Elective (3credits):

Choose any non-remedial course from AUM, see course catalogue

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>							
<input type="checkbox"/>							

Free Elective Credits Planned: _____
 Free Elective Credits Completed: _____
 Free Elective Credits Remaining: _____

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Liberal Arts (31 credits)

English Language and Communication Skills (13 credits)

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/> ENGL 100	English for Academic Studies	3	-			
<input type="checkbox"/> ENGL 106	First-Year Composition	4	ENGL 100			
<input type="checkbox"/> COM 114	Fundamentals of Speech Communication	3	ENGL 100			
<input type="checkbox"/> ENGL 420	Business Writing	3	ENGL 106			
OR						
<input type="checkbox"/> ENGL 421	Technical Writing	3	ENGL 106			

General Education Electives (18 credits)

<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						



Name:	
UID:	
Date:	

<input type="checkbox"/>	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Semester</u>	<u>Comments</u>
<input type="checkbox"/>							
<input type="checkbox"/>							
<input type="checkbox"/>							
<input type="checkbox"/>							
<input type="checkbox"/>							
<input type="checkbox"/>							

Liberal Arts Credits Planned: _____
 Liberal Arts Credits Completed: _____
 Liberal Arts Credits Remaining: _____

Minimum Total Credits Required for Degree: 124

Total Credits Planned: _____

Total Credits Completed: _____

Total Credits Remaining: _____