

Bachelor of Science in Information Systems & Technologies – Major Requirements

This information is for students declared in the 2016-2017 and succeeding catalogs

Prerequisites	Required Course	Course Title
Liberal Support Curriculum (13)		
	ENGL EN 1010 (3)	Introductory College Writing (“C” grade or higher required)
ENGL 1010	ENGL EN 2010 (3)	Intermediate College Writing (“C” grade or higher required)
	BTNY LS 1403 (3)	Environment Appreciation
MATH 1010 or MATH 1050 placement	MATH QL 1050 (4)	College Algebra (“C” grade or higher required)
Business Foundations (BF) [Minimum of “C-” or higher & 2.5 GPA] (16)		
	ACTG 2010 (3)	Survey of Accounting I
ACTG 2010	ACTG 2020 (3)	Survey of Accounting II
MATH 1050	ECON 2010 (3)	Principles of Microeconomics
MATH 1050, ECON 2010	ECON 2020 (3)	Principles of Macroeconomics
	IST 2010 (1)	Business Computer Skills
MATH 1050	QUAN 2600 (3)	Business Statistics I
ENGL 2010 & MATH 1050 with “C” or higher, overall GPA of 2.5 or higher and Business Foundation GPA of 2.5 or higher. <i>(To be taken concurrently with the final Business Foundations class.)</i>	BSAD 2899 (0)	Business Foundations & Admission Assessment
Business Cross Functional Core [Minimum of “C-” or higher] (19)		
MATH 1050	QUAN 2400 (3)	Business Calculus
QUAN 2600	QUAN 3610 (3)	Business Statistics II
	BSAD 3200 (3)	Legal Environment of Business
BSAD 2899	BSAD 3330 (3)	Business Ethics & Environmental Responsibility
	BSAD 4620 (1)	Executive Lectures
BSAD 2899, BSAD 3200, FIN 3200, SCM 3050, MGMT 3010, NET 3250, MKTG 3010, Senior Standing	BSAD 4780 (3)	Strategic Management <i>(GSBE Capstone – take last semester)</i>
BSAD 2899	IST 3710 (3)	Recommended International Course: Global Issues in Information Technology
Business Functional Core [Minimum of “C-” or higher] (12)		
BSAD 2899, QUAN 3610	FIN 3200 (3)	Financial Management
	MGMT 3010 (3)	Organizational Behavior & Management
QUAN 2600	SCM 3050 (3)	Operations & Supply Chain Management
	MKTG 3010 (3)	Marketing Concepts & Practices
Major Required Courses [Minimum of “C-” or higher] (21)		
ENGL 2010	NET 3250 (3)	Business Communication
IST 2010	IST 2020 (3)	Introduction to Information Systems (formerly IST 3110)
MATH 1050	IST 2110 (3)	Software Development I
MATH 1050, IST 2110 or IST 2020 or IST 3110	IST 3210 (3)	Database Design & Implementation
IST 2020 or IST 3110 or IST 2410	IST 3610 (3)	Networks & Data Communications I
BSAD 2899, IST 2020 or IST 3110 or IST 3610	IST 4600 (3)	Information Security I
BSAD 2899, IST 2110, IST 3210, IST 3610	IST 4730 (3)	Systems Analysis and Design
Elective Courses [Minimum of “C-” or higher] – Select 3 courses (9)		
BSAD 2899, IST 3610	IST 3620 (3)	Networks & Data Communications II
BSAD 2899, IST 2020 or IST 2110 or IST 3110	IST 3700 (3)	E-business Technologies & Web Development
BSAD 2899, IST 4600	IST 4700 (3)	Information Security II
BSAD 2899, IST 2020 or IST 2410 or IST 3110	IST 4710 (3)	Enterprise Systems
BSAD 2899, IST 2020 or IST 2410 or IST 3110	IST 4720 (3)	Emerging Information Technologies
See BSAD department for registration approval	IST 4891 (3)	IS&T Internship

Critical Paths:

MATH 0950 → MATH 0990 → MATH 1010 → MATH 1050 → QUAN 2600 → QUAN 3610 → FIN 3200 → BSAD 4780

* **Note:** Critical Paths indicate courses that have prerequisites that force the sequence to take several semesters to finish. In order to stay on track for graduation, classes within the sequence should be taken at the earliest point possible.

All Math and Goddard School courses expire after 10 years from the date of completion.

For advising, please contact the Goddard School Advising Center at 801-626-6534 or email advisebusiness@weber.edu

Bachelor of Science in Information Systems & Technologies – Graduation MAP

This is a suggested plan. Meet with an academic advisor to create a specific plan that best fits your academic needs. Remember, taking an average of 15 credit hours per semester facilitates timely graduation. "Semester offered" based on previous semester schedules. Class schedules are subject to change.



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Catalog Year 2016-2017: Math 1050 Placement

<input checked="" type="checkbox"/>	Course	Credit Hours	Semester Offered	Milestones & Notes
Freshman (Semester 1)				
	ENGL EN 1010 Introductory College Writing	3	Fall, Spring, Summer	<ul style="list-style-type: none"> Complete MATH 1050 and ENGL 1010 with "C" grade or higher Complete IST 2010 with "CR" Maintain overall and major GPA of a 2.5 or higher
	MATH QL 1050 College Algebra	4	Fall, Spring, Summer	
	American Institutions (AI)	3	Fall, Spring, Summer	
	BTNY LS 1403 Environment Appreciation	3	Fall, Spring	
	IST 2010 Business Computer Skills (CIL)* (BF)	1	Fall, Spring, Summer	
	LIBS/BSAD 2704 Info Resources in Business Discipline**	1	Fall, Spring	
	Total Semester Credits	15		
Freshman (Semester 2)				
	ENGL EN 2010 Intermediate College Writing	3	Fall, Spring, Summer	<ul style="list-style-type: none"> Complete ENGL 2010 with "C" grade or higher Complete ECON 2010 and ACTG 2010 with "C-" or higher Maintain overall and major GPA of a 2.5 or higher
	ECON SS 2010 Principles of Microeconomics (BF)	3	Fall, Spring, Summer	
	ACTG 2010 Survey of Accounting I (BF)	3	Fall, Spring, Summer	
	Creative Arts (CA)/(DV)***	3	Fall, Spring, Summer	
	IST 2020 Intro to Info Systems (formerly IST 3110)	3	Fall, Spring, Summer	
	Total Semester Credits	15		
Sophomore (Semester 3)				
	ECON SS 2020 Principles of Macroeconomics (BF)	3	Fall, Spring, Summer	<ul style="list-style-type: none"> Complete ECON 2020, QUAN 2600, and ACTG 2020 with "C-" or higher Complete BSAD 2899 with a "CR" grade Maintain overall and major GPA of a 2.5 or higher
	QUAN 2600 Business Statistics I (BF)	3	Fall, Spring, Summer	
	ACTG 2020 Survey of Accounting II (BF)	3	Fall, Spring, Summer	
	BSAD 2899 Business Foundations & Admission Assessment	0	Fall, Spring, Summer	
	IST 2110 Software Development I	3	Fall, Spring	
	Physical Science (PS)	3	Fall, Spring, Summer	
	Total Semester Credits	15		
Sophomore (Semester 4)				
	IST 3210 Database Design & Implementation	3	Fall, Spring	<ul style="list-style-type: none"> Complete QUAN 3610 with "C-" or higher Maintain overall and major GPA of a 2.5 or higher Meet with Career Center
	QUAN 3610 Business Statistics	3	Fall, Spring, Summer	
	Humanities (HU)/(DV)***	3	Fall, Spring, Summer	
	Social Science (SS)/(DV)***	3	Fall, Spring, Summer	
	Physical Science (PS) or Life Science (LS)/(DV)***	3	Fall, Spring, Summer	
	Total Semester Credits	15		
Junior (Semester 5)				
	IST 3610 Networks & Data Communications I	3	Fall, Spring	<ul style="list-style-type: none"> Maintain overall and major GPA of a 2.5 or higher Apply for graduation for AS in IST through portal
	Humanities (HU) or Creative Arts (CA)/(DV)***	3	Fall, Spring, Summer	
	MKTG 3010 Marketing Concepts & Practices	3	Fall, Spring, Summer	
	QUAN 2400 Business Calculus	3	Fall, Spring, Summer	
	BSAD 3200 Legal Environment of Business	3	Fall, Spring, Summer	
	Total Semester Credits	15		

<input checked="" type="checkbox"/>	Course	Credit Hours	Semester Offered	Milestones & Notes
Junior (Semester 6)				
	IST 4600 Information Security I	3	Fall, Spring	<ul style="list-style-type: none"> Maintain overall and major GPA of a 2.5 or higher Attend Graduate Seminar the Summer before graduation and open file
	SCM 3050 Operations & Supply Chain Management	3	Fall, Spring, Summer	
	International Course: IST 3710 Global Issues in Information Technology	3	Fall, Spring	
	IST Elective Course #1	3	Varies by class	
	NET 3250 Business Communication	3	Fall, Spring, Summer	
	Total Semester Credits	15		
Senior (Semester 7)				
	IST Elective Course #2	3	Varies by class	<ul style="list-style-type: none"> Make sure that all requirements for BSAD 4780 are completed with a "C-" or higher Maintain overall and major GPA of a 2.5 or higher
	IST 4730 Systems Analysis and Design	3	Fall, Spring	
	FIN 3200 Financial Management	3	Fall, Spring, Summer	
	MGMT 3010 Organizational Behavior & Management	3	Fall, Spring, Summer	
	BSAD 3330 Business Ethics & Environmental Responsibility	3	Fall, Spring, Summer	
	Total Semester Credits	15		
Senior (Semester 8)				
	BSAD 4780 Strategic Management	3	Fall, Spring, Summer	<ul style="list-style-type: none"> Meet with Advising Center to review graduation clearance Maintain overall and major GPA of a 2.5 or higher Apply for graduation for BS in IST through your portal
	IST Elective Course #3	3	Varies by class	
	BSAD 4620 Executive Lectures	1	Fall, Spring	
	Elective Hours	8	Varies by class	
	Total Semester Credits	15		
	Total Bachelor Credits	120		

Notes:

*IST 2010 = Parts A, B, and C of University Computer Information Literacy (CIL) Requirement

**LIBS/BSAD 2704 = Part D of University Computer Information Literacy (CIL) Requirement. WEB 1504 (.5 cr) or LIBS 1704 (1 cr) may also be used to complete the requirement

***All degrees require 3 credit hours of Diversity (DV) credit. See the current *General Education Course List* for suggested DV courses that will also fill SS/HU/CA/LS General Education Requirements.

International Business Courses:

ACTG 5140 Accounting for Global & Complex Entities (Fall, Spring);

ECON 3110 International Trade (Fall, Spring);

ECON 3120 International Finance & Monetary Systems (Fall, Spring);

ECON 4170 Economic Development (Fall);

IST 3710 Global Issues in Information Technology (Fall, Spring);

MGMT 3400 International Business (Fall);

MKTG 3600 International Marketing (Spring);

SCM 4400 Global Supply Chain Management (Spring)

- International Course Requirement may be fulfilled by a Study Abroad or Exchange Program – see the Advising Center for opportunities.

Gen Ed Breadth requirements (do not duplicate departments)

<input type="checkbox"/> HU	<input type="checkbox"/> CA	<input type="checkbox"/> HU or CA
<input type="checkbox"/> SS	<input type="checkbox"/> SS	
<input type="checkbox"/> PS	<input type="checkbox"/> LS	<input type="checkbox"/> PS or LS
<input type="checkbox"/> DV (Double dip with breadth course)		

Avoid Misadvisement! Consult your academic advisor (advisebusiness@weber.edu), the WSU Catalog (weber.edu/catalog), and your CatTracks degree evaluation (log in to your eWeber Student Portal).

Last Revision: 5/09/16