

**2019-2020 B.S. Information Science & Systems
Information Systems and Decision Science Concentration**

UNIVERSITY CORE

COLLEGE CORE

A. Core Foundations

CORE 101	_____	3
CORE 102	_____	3
HNRS 103*	_____	3
CORE 201 PHIL 111: 213	_____	3
CORE 202 PHIL 112	_____	3

B. Core Skills & Knowledge

MATHEMATICAL SCIENCES
MATH 126 or 171 **3**

NATURAL SCIENCES
One of the following: ASTR 111, 112
BIOL 103, 104, 105 CHEM 111: 112, 120
GEOL 100, 105: 106 PHYS 111: 112, 221:
222

HUMANITIES
One of the following: CLSS:110 CCST: 110
ENGL 200, HIST 101, 102 PHIL 111, 112,
200; POSC 110; RELN 111, 112, 203, 206

VISUAL & PERFORMING ARTS
One of the following: ART 100, 215, 216
CVPA 266 DNCE 111 MUSC 100, 121, 123
THEA 100, 180

SOCIAL/BEHAV. SCIENCES
ECON 205 **3**

A. National & International Perspectives

U. S. PERSPECTIVES
One of the following: APST 200
ECON 101, 205, 206, ENGL 203
GEOG 201, 202, 203 HIST 111, 112
POSC 120, SOCY 110

GLOBAL PERSPECTIVES
One of the following: CVPA 266,
ENGL 201; CCST 103; GEOG 101,
102, 140, 280 HIST 101, 102 INST
101 ITEC 112 PEAC 200 RELN 112,
205, SOCY 121, THEA 180 WMST
200

B. Supporting Skills & Knowledge

NATURAL SCIENCES
One of the following: ASTR 111, 112 BIOL
103, 104, 105 CHEM 111: 112, 120 GEOL 100,
105:106 PHYS 111: 112, 221:222

HUMANITIES, VISUAL & PERFORMING ARTS, OR FOREIGN LANGUAGES
One of the following: ENGL 200 or HIST 101 or
102 or PHIL 111 or 112 or 200 or POSC 110 or
RELN 111 or 112 or 203 or 206 or ART 100 or
215 or 216 or CVPA 266 or DNCE 111 or MUSC
100 or 121 or 123 or THEA 100 or 180 or CHNS
101 or 102 or 201 or 202 or FORL 100 or 109 or
209 or 309 or 409 or 200 or 210 or FREN 100 or
200 or 210 or 300 or 320 or GRMN 100 or 200 or
210 or 300 or LATN 101 or 102 or 201 or 350 or
RUSS 101 or 102 or 201 or 202 or 300 or SPAN
101 or 102 or 103 or 201 or 202 or CLSS 110

SOCIAL/ BEHAV. SCI. OR HEALTH & WELLNESS
One of the following: ANSC 101, APST 200
ECON 205, 206 GEOG 101, 102, 103 HIST 111,
112 POSC 120 PSYC 121 RELN 205 SOCY 110,

NOTE: Courses listed in multiple areas can only be used to fulfill a single area requirement.

Students can use two courses with their major prefix to fulfill core requirements.

*Honors College course

Info Systems and Decision Science

*ITEC	110	_____ (3)	Principles of Information Technology
*ITEC	120	_____ (4)	Principles of Computer Science I
*ITEC	220	_____ (4) OR	Principles of Computer Science II
*ITEC	315	_____ (3)	Graph. User Interface Dsn and Imple.
ITEC	281	_____ (3)	Data Analysis & Management/ Spread.
*ITEC	225	_____ (3)	Web Programming I
*ITEC	345	_____ (3)	Introduction to Information Security
ITEC	340	_____ (3) OR	Database I
ITEC	304	_____ (3)	Database from the Manager's Perspective
ITEC	350	_____ (3) OR	Intro of Computer Networks
ITEC	205	_____ (3)	Data Communications and Networks
ITEC	370	_____ (3) OR	Software Engineering
ITEC	369	_____ (3)	System Analysis and Design
ITEC	395	_____ (3)	Project Management
ITEC	466	_____ (3)	Information Assurance Management
ITEC	490	_____ (1)	IT Professionalism
ITEC	495	_____ (3)	Information Systems Capstone
ACTG	211	_____ (3)	Fundamentals of Financial Accounting
ACTG	212	_____ (3)	Fundamentals of Managerial Accounting
ECON	205	_____ (3)	Principles of Macroeconomics
MGNT	322	_____ (3)	Organizational Behavior
MGNT	333	_____ (3)	Business Analysis for Decision Making
MGNT	357	_____ (3)	Operations Management
MKTG	340	_____ (3)	Principles of Marketing
MATH	126	_____ (3) OR	Business Calculus
MATH	169	_____ (3) OR	Calculus I with Integrated Precalculus II
MATH	171	_____ (4)	Calculus and Analytic Geometry I
STAT	200	_____ (3) OR	Introduction to Statistics
STAT	301	_____ (3)	Probability and Statistics
ITEC	375	_____ (3)	Data Science
ITEC	485	_____ (3)	Decision Support Systems
ITEC	497	_____ (3)	Enterprise Resource Planning Systems

Term

Prerequisites

F/S	None
F/S	"C" or better in MATH 125 or MATH 138; or credit for MATH 126, MATH 168, or MATH 171; or permission of instructor
F/S	ITEC 120 "C" or better
F/s	ITEC 225
F/S	None
F/S	ITEC 120 "C" or better
F/S	ITEC 120 "C" or better
F/S	ITEC 220 "C" or better
	None
	ITEC 220 C or better
	SO standing
F/S	ITEC 220 "C" or better
	ITEC 120 "C" or better and JR Standing
	JR Standing
	ITEC 345
F/S	SR Standing, ITEC major
S	SR, ISAS major, ITEC 225, 304 or 340, 369 or 370, & MGNT 357
F/S	Sophomore Standing
F/S	ACTG 211
F/S	None
F/S	JR Standing
F/S	JR Standing, STAT 200, and MATH 125, 126, 151, 168, 169, or 171
F/S	MGNT 333
F/S	None
F/S	"C" or better in a high-school or college level pre-calculus class; or a "C" or better in MATH 125.
F/S	MATH 168
F/S	"C" or better in MATH 138 or college pre-calc ≥ "C" or placement exam
F/S	None
F/S	MATH 172 with a grade of "C" or better
	ITEC 120, STAT 200 or STAT 301, JR Standing
	ITEC 281 and either ITEC 340 or both ITEC 304 and ITEC 315
	ACTG 212, and ITEC 340 or 304

B.S. requirements 6-8 hrs: Any 200, 300 or 400-level ITEC course (except ITEC 301, ITEC 304, ITEC 307, ITEC 381, ITEC 398, and ITEC 498) or any 500 or 600-level ITEC course approved by the Department Chair, MATH 172, Any 200-level or above MATH, ASTR 111, ASTR 112, any BIOL (except 301 and 302), any CHEM, any GEOL any PHYS, GEOS 250 or ITEC 250 or PHYS 301

*A grade of C or better is required in these courses