

Last name: _____ First name: _____ JAG ID: _____
Date of Entry: _____ Advisor: _____

Area I. Composition/Communication (6 credit hours)		
ROTATION	Sem/Yr	COURSE
		EH 101-English Comp I
		EH 102-English Comp 2 or EH 105

Area II. Humanities and Fine Arts (12 credit hours)		
Two courses in Humanities or Social Sciences: must be either a Literature (EH215-216, EH225-226, EH235-236) or a History (HY101-102, HY121- 122, HY135-136) sequence		
		CA 110 Public Speaking
		(1) Art, Drama, Music ¹
		(1) Literature ²
		(1) Fine/Perf. Arts/Hum elective

Area III. Natural Sciences and Mathematics		
A. Natural Sciences (8 credit hours-must include associated lab) Approved areas: PH, CH, GY, BLY, GEO, MAS, BMD		

B. Mathematics and Statistics (9 credit hours)		
		MA 267, MA 120 or MA 125
		BUS 245 or ST 210
		BUS 255 or ST 340

Area IV. History, Social and Behavioral Sciences (12 cred. hours)		
		ECO 215
		(2) Electives from AN, ECO,GEO, HY, PSC, PSY or SY
		History ³

Information Systems Environment (15 credit hours)		
		ACC 211 Financial Accounting
		ECO 215 Prin Microeconomics ⁴
		MGT 300 Mgt Theory & Practice
		(2) Approved Electives from ACC, ECO, FIN, MGT, MKT

Information Systems CORE (41 credit hours)		
ROTATION	Sem/Yr	COURSE
Fa/Sp		CA 275 Dec. Making - Small Groups
Fa/Sp/Su		EH 372 or EH 373 (W)
Fa/Sp		CIS 115 Beginning Programming
Fa/Sp		ISC 245 IS in Organizations
Fa/Sp/Su		ISC 272 Systems Architecture
Fa/Sp		ISC 285 Intermediate Programming
Fa/Sp/Su		CIS 300 Info Tech in Society
Fa/Sp/Su		CIS 321 Data Com & Network
Fa/Sp/Su		CIS 324 Database Design Dev & Mgmt
Fa		ISC 360 IS Analysis & Design (W)
Fa/Sp		ISC 361 Database for IS
Fa/Sp		ISC 462 IS Strategy & Policy
Fa/Sp		ISC 475 IS Proj. Management
Fa/Sp		CIS 497 Sr. Capstone Experience (W) ⁵
Fa/Sp		CIS 498 CIS Senior Seminar ⁶

ISC Electives (12 credit hours): Choose an ISC focus track (below), an ITE focus track⁹ or an alternative plan approved by IS advisor

Health Informatics		
Fa/Sp/Su		HI 300 Health Info Clinical Env
Fa/Sp/Su		HI 410 Health Informatics
Sp/Su		HI 450 Health Data Security / Compliance
Fa/Su		HI 455 Health Data Mgt & Decision Support

Information Systems Advanced App Development		
Sp		ISC 472 Adv Data Management
Sp		ITE 474 Human Comp Interface
Su		ITE 490 SpTop—Cloud Computing

W = Writing Intensive Course
Note: Summer courses offered as needed and depending on enrollment

Note: In addition to courses shown above, students must complete 8 hours of elective credits to complete the required 120 hours for the IS degree.

Recommendation: Information Systems majors are encouraged to look into the General Business minor requirements for courses that could satisfy both IS Environ. and Gen. Bus. Requirements.

1 Approved Courses: ARS 101, DRA 110, MUL 101, ARH 100, ARH 103, ARH 123, ARH 240, or ARH 242

2 Approved Lit Courses & Sequences: EH 215-216(Br), EH225-226(Am), EH235-236(WC)

3 Approved HY Courses & Sequences: HY 101-102(WC), HY121-122(W), HY 135-136(US)

4 ECO 215 also counts as a Social Sciences course

5 Must be taken during the last year in the program and requires approval.

6 Must be taken during the last semester in the program and requires approval.

Prerequisite Structure

