

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

Two courses in Humanities or Social Sciences: must be either a Literature (EH 215-216, EH 225-226, EH 235-236) or a History (HY 101-102, HY 135-136) sequence

		CA 110 Public Speaking
		(1) Art, Drama, Music <sup>1</sup>
		(1) Literature <sup>2</sup>
		(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


B. Mathematics and Statistics (9 credit hours)

		MA 120, MA 125 or MA 267
		(1) BUS 245 or ST 210 (1) 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
		(1) History <sup>3</sup>

		ACC 211 Accounting Principles I
		ECO 215 Princ Microeconomics <sup>4</sup>
		MGT 300 Mgt Theory & Practices
		(2) Approved Electives from ACC, ECO, FIN, MGT, MKT

Information Systems CORE (41 credit hours)		
ROTATION	Sem/Yr	COURSE
Fa/Sp		CA 275 Small Group Comm
Fa/Sp/Su		EH 372 or EH 373 (W)
Fa/Sp		CIS 115 Beginning Programming <sup>5</sup>
Fa/Sp		ISC 245 IS in Organizations
Fa/Sp/Su <sup>8</sup>		ISC 272 Systems Architecture
Fa/Sp		ISC 285 Intermediate Programming
Fa/Sp/Su <sup>8</sup>		CIS 300 Info Tech in Society
Fa/Sp/Su <sup>8</sup>		CIS 321 Data Com & Network
Fa/Sp/Su <sup>8</sup>		CIS 324 Database Design Dev & Mgmt
Fa/Sp		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) <sup>6</sup>
Fa/Sp		CIS 498 Senior Seminar <sup>7</sup>

ISC Electives (12 credit hours): Choose an ISC focus track (below), an ITE focus track<sup>9</sup> or an alternative plan approved by IS advisor

Fa/Sp/Su <sup>8</sup>		HI 300 Health Info Clinical Env
Fa/Sp/Su <sup>8</sup>		HI 410 Health Informatics
Sp/Su <sup>8</sup>		HI 450 Health Data Security / Compliance
Fa/Su <sup>8</sup>		HI 455 Health Data Mgt & Decision Support
Fa/Sp		ITE 370 Adv App Development
Sp		ISC 472 Adv Data Management
Sp		ITE 474 Human Comp Interface
Su <sup>8</sup>		ITE 490 SpTop—Cloud Computing

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.

<sup>1</sup> Approved courses: ARS101, DRA110, MUL101, ARH100, ARH103, ARH123, ARH240 or 242

<sup>2</sup> Approved Lit courses: EH 215 EH216, EH225, EH226, EH235 or EH236(W)

<sup>3</sup> Approved History courses: HY 101, HY 102(WC), HY 135 or HY 136(US)

<sup>4</sup> ECO 215 also counts as a Social Sciences course

<sup>5</sup> MA 112 or higher, or math placement score of 65 or higher

<sup>6</sup> Must be taken during the last semester in the program

<sup>7</sup> Must be taken during the last semester in the program with CIS 497

<sup>8</sup> Summer courses offered as needed

<sup>9</sup> See IT Course Requirements for available tracks

Special Symbol Used: W—Writing Intensive Course

# Prerequisite Structure

