

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 <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)<br>Approved areas: PH, CH, GY, BLY, GEO, MAS, BMD |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

| B. Mathematics and Statistics (9 credit hours) |  |                          |
|--|--|--------------------------|
|  |  | MA 120, MA 125 or MA 267 |
|  |  | 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 <sup>3</sup>                               |

| Information Systems Environment (15 credit hours) |  |   |
|---|--|---|
|   |  | ACC 211 Financial Accounting                        |
|   |  | ECO 215 Prin Microeconomics <sup>4</sup>            |
|   |  | 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/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>5</sup> |
| Fa/Sp                                      |        | CIS 498 CIS Senior Seminar <sup>6</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

| 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

