

**Communication and Information Sciences Ph.D. Program  
Student Learning Outcomes and Curriculum Map  
version of June 2013**

The CIS program is a flexible, interdisciplinary program. Only five courses are offered by the program itself, and most basic requirements (such as exam preparation) are met via courses offered by the four units that comprise CIS:

- School of Communications
- Department of Information & Computer Sciences
- Department of Information Technology Management
- Library & Information Science Program

Other objectives, such as an additional non-CIS research methods course, are met by courses offered in other units across campus, and the ultimate long-term objective is met by the dissertation. Concepts from a wide range of disciplines are introduced and reinforced early in the program, allowing students to develop and articulate their own research interests, and the content upon which they will be assessed. Therefore, we attempt to map the Student Learning Outcomes of the CIS Program using our major program elements.

**Student Learning Outcomes:**

- (SLO1) Demonstrate understanding of research methods and subject knowledge in the field of Communication and Information Sciences**
- (SLO2) Synthesize diverse data, theories, and methods**
- (SLO3) Demonstrate the ability to conduct research**
- (SLO4) Propose and conduct original research**
- (SLO5) Develop and articulate a professional identity as a contributing member of a research community**

Key: I=Introduced, R=Reinforced, M=Mastered, A=Assessed

| <b>Program Element</b>                              | <b>SLO1</b> | <b>SLO2</b> | <b>SLO3</b> | <b>SLO4</b> | <b>SLO5</b> |
|---|-------------|-------------|-------------|-------------|-------------|
| CIS 701: Communication/Information Theories         | IRA         | IRA         |             |             | IR          |
| CIS 702: Communication/Information Technologies     | IRA         | IRA         |             |             | IR          |
| CIS 703: Communication/Information Research Methods | IRA         | IRA         | IRA         | IR          | IR          |
| CIS 704: Special Topics in CIS                      | IRA         | IRA         |             |             | IR          |
| CIS 720: Interdisciplinary Seminar in CIS           | IR          | IR          | IR          | IR          | IRM         |
| Research methods course outside CIS                 | IRMA        | IR          | IR          | IR          |             |
| Coursework to prepare for secondary exams           | IRMA        |             |             |             |             |
| Coursework to prepare for primary exam              | IRMA        | IRMA        |             |             |             |
| Secondary Exams (2)                                 | A           | A           |             |             |             |
| Primary Exam  | A           | A           | A           |             | A           |
| Faculty Mentoring Program                           |             |             | IR          | IR          | RM          |
| CIS 699 Directed Research                           | RM          | RM          | RM          | RM          | RM          |
| Research Publication Requirement                    |             |             | MA          | IRA         | MA          |
| Dissertation Proposal (including defense)           |             |             | RMA         | IRA         | MA          |
| Dissertation (including defense)                    |             |             | MA          | IRMA        | MA          |