

## INFORMATION SCIENCE TRACK

The thirty-six (36) credit Information Science Track includes

- **15 credits** from the GSLIS Core Courses: LIS407, LIS415, LIS488, LIS403, LIS404
- **15-21 credits** = One course (3 credits) from each of the **six areas**:
  - Introduction, Data Models, Users & Use, Management, Ethics/Networks, Systems Capstone
- 3-6 credits = Free elective from any GSLIS course or other Track course.
  - Systems & Informatics track take 21 units, 18 if 488 is waived.
  - Users & Use track takes 15 units.
- Two sub-tracks: Users & Use and Systems & Informatics.

| Core Information Science Courses <b>Area</b> | Classes for <b>Users &amp; Use</b> subtrack   | Classes for <b>Systems &amp; Informatics</b> subtrack      | <i>Notes</i>   |
|--|---|--|--|
| 1. Introduction                              | • 488 [No prereq]   |  | May be waived or take IT 101   |
|  |   | • Data Interop   | Systems students take DI [3] or CS113  |
| 2. Data Models                               | • 531S (Metatada) [488, 415]  | • 458 (RDBMS) [488]<br>• 469 (XML) [415, 488]              | May be taken simultaneously; Systems students take 458 + 469; User track takes 531S [3-6]. CS321 is an alternative to 469. |
| 3. Uses and Users                            | • 444 (Archive/Pres Media) [none]<br>• 454 (Digital Info Svcs) [407]<br>• 457 (Digital Publ) [488]<br>• 470 (Vis Comm) [none]<br>• 531R (Libr Auto Sys) [488, 415]<br>• 531Y Use & User Exp [403] | • 466 (Info Retrieval) [488, 458, 469]<br>• XXX (Info Vis) | Take one course [3]. LIS470 may replace Info Vis.  |
| 4. Management/<br>Evaluation                 | • 465 (KM) [none]<br>• 456 (Theories Mngt) [456]<br>• 642 (Statistics) [none]   |  | LIS 403, 404 meet this req; if either is waived take one.  |
| 5. Ethics or Networks                        | • 421 (Soc Info) [none]<br>• 493 (Intl Free) [none]<br>• 475 (Info Ethics) [none]   | • CS227 (Networks) [none]<br>• CS327 (Security) [CS112]    | Systems may take networks & security instead of 421, 493, 475 [3].   |
| 6. Capstone: Systems                         | • 462 (Dig Lib) [488, 415]<br>• 467 (Web Dev/IA) [407, 488]   | • 486 (Systems Analysis)                                   | May take any class to meet capstone. [3]<br>CS 343 is an alternative.  |

18 units. If a student waives 403 or 404, then s/he takes another class from the Management/Evaluation cluster.