

## Process for opting out of LIS 488 and taking another Technology course

The SLIS core curriculum requires students to take at least one technology course. SLTP students will take LIS 460. All other students will take LIS 488 Technology for Information Professionals, a wide-ranging overview course that introduces students to key concepts in technology. Students who already possess substantial technology experience can petition to bypass 488 by following the process below, and instead take one of the technology courses listed on the second page:

- **Step 1:** A student wishing to opt of LIS 488 should complete this form.
- **Step 2:** The student will submit the completed form to the SLIS Student Services Center at ([SSCslis@simmons.edu](mailto:SSCslis@simmons.edu)).
- **Step 3:** The SLIS Student Services Center will send the form to Professor Naresh Agarwal for review ([slis\\_ist@simmons.edu](mailto:slis_ist@simmons.edu)), who will convey their decision to the Student Services Center or ask for further clarification.
- **Step 4:** The Student Services Center will convey the decision to the student.

### 1. Personal information

Student name: \_\_\_\_\_ Student ID: \_\_\_\_\_ Telephone: \_\_\_\_\_

Email: \_\_\_\_\_ Current GPA: \_\_\_\_\_ Number of Credits completed: \_\_\_\_\_

### 2. Why do you want to opt out of LIS 488?

**3. Below are the course learning outcomes and topics covered in LIS 488. Circle the ones you are proficient in.** *Proficiency implies a broad working knowledge/experience in the area and being able to solve problems in that area independently.*

*Outcomes:*

1. Learn fundamental technology concepts and vocabulary
2. Ability to analyze and evaluate technology problems
3. Recognize diversity issues in technology
4. Liaise, participate and communicate on technology issues
5. Learn and apply appropriate technology solutions
6. Ability to develop website solutions
7. Learn and apply scripting & programming fundamentals

*Topics:*

1. Why computers? Client-server; Technology in society
2. Operating Systems & Software; Command Line
3. Internet & WWW; HTML; source code editors
4. Web Design; HTML & CSS
5. CSS; Content Management Systems; WYSIWYG
6. Graphics/Media; Accessibility/Responsive web design; Ethics

- 7. Programming fundamentals
- 8. JavaScript
- 9. Hardware; Data Backup
- 10. Networks; Security & Privacy
- 11. Database; XML
- 12. Other optional special topics:
  - a. apps for librarians
  - b. artificial intelligence
  - c. big data / analytics
  - d. digital libraries
  - e. history of computers
  - f. human-computer interaction
  - g. information retrieval
  - h. information visualization
  - i. library database / integrated library system
  - j. mobile app programming
  - k. open access
  - l. applications of technology in different settings
  - m. web forms, database connection, PHP
  - n. other \_\_\_\_\_

4. **Provide supporting comments** for your choices above and any other remarks to support your case

5. **Select the technology course you're likely to take instead of LIS 488** (see course descriptions at <http://internal.simmons.edu/students/slis/current/courses/course-descriptions/all-courses>)

- LIS 467 Web Development and Information Architecture
- LIS 458 Database Management
- LIS 485 Introduction to Programming
- LIS 487 Data Interoperability
- LIS 486 Systems Analysis in Information Services
- LIS 473 Information Visualization

6. **Student signature** \_\_\_\_\_ **Date** \_\_\_\_\_

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**This portion is to be filled by Student Services Center**

SLIS Technology faculty decision:  approved  not approved  further clarification requested

**Faculty member signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Date Technology Opt-out form received by SLIS-Student Services Center:** \_\_\_\_\_