2-10-2022

# Mathematical Foundations for Data Science AMS/DSP 563

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**LIBRARY IMPACT STATEMENT (New Course Proposal)**
**LIBRARIAN'S ASSESSMENT**

Subject selectors will complete this form as requested, assessing library materials and collections as detailed below. Send one copy of the assessment to the faculty member who requested it. Send one copy of the assessment to the Collection Management Officer.

Course: AMS/DSP 563: Mathematical Foundations for Data Science

Department, College: Data Science, College of Arts and Sciences

Faculty Member: Prof. Nancy Eaton

Date returned to Faculty: 2/10/22

Librarian Completing Assessment: Harrison Dekker

Collection Management Officer: Joanna M. Burkhardt

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Assessment of:

- Suitability of existing library resources;
- New library resources required to support the program;
- Information skills education required by the students; and
- Funds needed for library materials and services.

Please include:

1. What library holdings already exist in relevant subject categories. How much money is now allocated in the subject area?

   The library has a substantial up-to-date collection in relevant subject areas including Safari Books Online which provides access to over 45000 technology, creative and business books and videos from leading publishers. The 2021-22 allocation for monographs in Computer Science and Data Science is approximately $1000.

2. Does URI have the essential journals as noted in the Faculty Questionnaire?

   There are no essential journals noted in the Faculty Questionnaire.

3. What new resources are required to support the course (including media, electronic, or other non-print materials)?

   No new library resources are needed to support this class.

4. What information mastery sessions will be required for the students?

The proposal indicates that students in this class will not be doing research. The class does not require Information Mastery instruction.

5. What is the approximate cost to acquire the materials necessary? Which of these will be continuing costs?

   There are no new costs to the library to support this course.

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