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Introduction to the Mathematical Analysis of Data AMS 450

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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 450 – Introduction to the Mathematical Analysis of Data _____

Department, College: Mathematics and Applied Mathematical Sciences, Arts and Sciences

Faculty Member: Jonathan Allan Chavez Casillas _____

Date returned to Faculty: 2/24/21 _____

Librarian Completing Assessment: Harrison Dekker _____

Collection Management Officer: Joanna M. Burkhardt _____

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 computer science and statistics including Safari Books Online which provides access to over 45000 technology, creative and business books and videos from leading publishers.

The 2020-21 allocation for monographs is approximately \$1000 for Mathematics. In addition, the Library has an endowment fund of over \$30,000 for the purchase Mathematics materials that can potentially be applied towards relevant Data Science acquisitions.

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.

Rev 6/16/15 jmb