4-10-2017

Bayesian Statistics I STA 415

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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: STA 415: Bayesian Statistics I

Department, College: Computer Science & Statistics, Arts & Sciences

Faculty Member: Prof. Steffen Ventz

Date returned to Faculty: April 10, 2017

Librarian Completing Assessment: Amanda Izenstark

Collection Management Officer: Joanna 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?

   $4,500 per year is allocated for Computer Science & Statistics monographic purchases.

   As the University already has courses in computer science and statistics, the topics covered by the course are well supported by journal subscriptions, databases, and e-books at URI, and by print monographs available at the University Libraries.

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

   No journals are noted in the questionnaire, but the topics of the course are covered in existing database and journal subscriptions.

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

No new materials are required. The University Libraries already hold a copy of the single required monograph.

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

   As the assignments in the course involve calculation and exercises using a specified software program, no information mastery sessions will be required.

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

   There are no costs associated with this course. Books on Bayesian Statistics and on R are currently routinely added to the collection.

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