



University of Delaware Library


OFFICE OF THE VICE PROVOST
& MAY MORRIS UNIVERSITY LIBRARIAN

Newark, DE 19717-5267
Phone: 302-831-2231
Fax: 302-831-1046

April 1, 2013

Memorandum

To: Louis F. Rossi
Professor and Director of Undergraduate Studies
Department of Mathematical Sciences

From: Susan Brynteson 
Vice Provost and May Morris University Librarian

I am responding to your request to supply information about the capability of the University of Delaware Library to support the proposed Bachelor of Science degree in Actuarial Sciences in the College of Arts and Sciences.

The University of Delaware Library with its strong interdisciplinary and electronic collections is well able to support the proposed new undergraduate degree. Enclosed is a description of collections, resources and services available for this purpose.

I would be pleased to respond to any questions.

SB/nb
Enclosure

c: George H. Watson, Dean, College of Arts and Sciences
William S. Simpson, Associate Librarian, Reference and Instructional Services Department
Shelly L. McCoy, Head, Student Multimedia Design Center
Shirley Branden, Head, Reference and Instructional Services Department
Sandra K. Millard, Associate University Librarian for Services, Outreach and Assessment



April 1, 2013

Report on Library Services and Collections in Support of the
Undergraduate Program in Actuarial Sciences
for the College of Arts and Sciences

General Description

The University of Delaware Library includes the Hugh M. Morris Library, where the main collection is housed; three branch libraries located on the Newark campus, the Agriculture Library, the Chemistry Library, and the Physics Library; and a fourth branch library, the Marine Studies Library, located in Lewes, Delaware. The Library collections parallel the University's academic interests and support all disciplines. The new degree proposal is directly supported with the Library's strong collections in Mathematical Sciences and other interdisciplinary resources.

Books, periodicals, microforms, government publications, databases, full-text electronic journals and other electronic resources, maps, manuscripts and media provide a major academic resource for the University of Delaware, the surrounding community, the state of Delaware and the nation. Library staff members provide a wide range of services, including reference assistance, circulation, interlibrary loan, instructional programs, multimedia design, and assistance to the visually impaired.

The University of Delaware Library is a U.S. depository library and a U.S. patent depository library and contains a complete file of every patent the U.S. Office of Patents and Trademarks has issued.

The online catalog, DELCAT, provides access to millions of items by author, title, subject and keyword.

Library collections number over 2,800,000 and are broadly based and comprehensive. In 2011/2012, the Library Web <www.udel.edu/library/> received over 1,600,000 virtual visits.

The University of Delaware Library collects and makes available electronic resources (e.g., electronic journals, electronic books and databases) to support the instructional and research needs of University of Delaware students, faculty and staff. Providers of electronic resources employ licenses as a legal means of controlling the use of their products. The University of Delaware Library abides by legally binding license agreements for the use of the electronic resources.

The University of Delaware Library is a member of the Association of Research Libraries, OCLC, the Center for Research Libraries, LYRASIS, CIRLA (The Chesapeake Information and Research Library Alliance), NERL (NorthEast Research Libraries), Portico, the OCLC Research Partnership and the Hathitrust.

Specific Support for the Undergraduate Program in Actuarial Sciences

Funds are designated at the beginning of each fiscal year for the support and strengthening of the collections including those related to Mathematical Sciences. Support for the Department of Mathematical Sciences is supplemented by funds used to purchase materials in other areas as well as funds for the licensing of electronic resources.

The Library subscribes to hundreds of print and electronic journals which support the Department of Mathematical Sciences. A list of electronic journals by subject is available by clicking on "E-Journals" on the Library Web page <www.udel.edu/library/>. The Library makes available several electronic databases which support Mathematical Sciences and Economics, including arXiv, EconLit, EDGAR Database of Corporate Information, Global Forecasting Service, Industry Norms and Key Business Ratios, Inspec, JSTOR, Jahrbuch Project Electronic Research Archive for Mathematics (ERAM), MathSciNet, Mergent Online, Project Euclid, Standard and Poor's NetAdvantage, Web of Science and Zentralblatt Math. These databases are enhanced further by an array of reference sources in print, audio and video (see "Research Guides" on the Library Web page).

The Library has many of the leading actuarial journals which are ranked by total number of citations during the years 1996 through 2000 as follows:

- Insurance, Mathematics and Economics (Online) - ranked #1 out of 8
- Scandinavian Actuarial Journal (Online) – ranked #4
- British Actuarial Journal (Online) – ranked #5
- North American Actuarial Journal (Online) – ranked #7

The Library also subscribes to RefWorks, a web-based bibliographic and database management system that can be used with most databases.

An expanded, selected list of databases and electronic resources includes:

Biographical databases: American National Biography, Biography and Genealogy Master Index, Biography Reference Bank, Dictionary of National Biography, Wilson Biographies Plus Illustrated

Business databases: ABI/INFORM, Business and Company Resource Center, Business Source Premier, Company ProFiles, EconLit, EDGAR Database of Corporate Information, General BusinessFile ASAP, Industry Norms and Key Business Ratios, Investext Plus, RIA Checkpoint, Standard and Poor's NetAdvantage

eBooks, Current: Credo Reference, Knovel, OECD iLibrary, Safari Books Online, Springer eBooks

General multidisciplinary: Academic OneFile, COS Pivot, Expanded Academic ASAP Plus, General OneFile, LexisNexis Academic, Opposing Viewpoints in Context, Periodicals Index Online, ProQuest Dissertations and Theses, SCOPUS, Statistical Abstract of the United States, Web of Science (Science Citation Index; Social Sciences Citation Index; Arts and Humanities Citation Index)

General Reference: Credo Reference, EIU Country Profiles, EIU Country Reports, EIU ViewsWire, Oxford English Dictionary, WorldCat

Government: American State Papers (1789-1838), CQ (Congressional Quarterly) Researcher Plus Archive, CQ Weekly, LexisNexis Congressional Parliamentary Papers (House of Commons, 1801-1900), Statistical Abstract of the United States, U.S. Congressional Serial Set (1817-1994)

Newspapers, Current: Ethnic NewsWatch, LexisNexis Academic, ProQuest Newspapers, World News Connection

Social Sciences/Humanities databases: America: History and Life, Anthropology Plus, Art Abstracts/Art Index Retrospective, Berg Fashion Library, Black Drama, Black Studies Center, Black Thought and Culture, China: Trade, Politics, and Culture 1793-1980, Communication and Mass Media Complete, Education Full Text, ERIC, Grove Art, Grove Music, Historical Abstracts, Hospitality and Tourism Complete, Linguistics and Language Behavior Abstracts, Oxford Art Online, PAIS International, ProQuest History Vault, PsychINFO, Sociological Abstracts, WGSN (Worth Global Style Network)

A full list of databases is available on the Library Web (see: <www.udel.edu/library/>). Census information and other demographic data are available as is a wide range of printed and electronic reference sources.

The Library also maintains an Institutional Repository (see: <dspace.udel.edu:8080/dspace/>), which archives research reports and documents and other resources produced by University of Delaware faculty.

The Library has a nationally recognized Student Multimedia Design Center located on the Lower Level of the Morris Library which provides University of Delaware students, faculty and staff access to technology and training related to creation of multimedia programs. The Student Multimedia Design Center includes 80 workstations, six studios, and two classrooms focused on multimedia creation, and is open all hours the Library is open. University of Delaware users may also borrow a wide variety of multimedia equipment. The Student Multimedia Design Center also provides assistance to faculty and students related to multimedia literacy skills to help integrate multimedia into instruction. Shelly L. McCoy is Head of the Student Multimedia Design Center. More information is available at: <www.lib.udel.edu/multimedia/>.

Louis F. Rossi
April 1, 2013
Page 4

An experienced librarian, William S. Simpson, Associate Librarian in the Reference and Instructional Services Department, serves as liaison to the faculty in the Department of Mathematical Sciences. Suggestions for purchases received by the Library for materials related to Mathematical Sciences are directed to Mr. Simpson, who also regularly consults faculty about priorities and the direction the collections should take. Mr. Simpson is also available for instruction in the use of the Library for Mathematical Sciences students and faculty.

Mr. Simpson maintains a subject website for Mathematical Sciences which can be accessed from the Library Web <www.udel.edu/library/> via the "Research Guides" search box on the main Library Web page or directly by the URL <guides.lib.udel.edu/mathematics>. In addition to electronic resources, it contains detailed descriptions of selected primary resources including printed collections; visual material; and manuscripts and archival materials.

A handwritten signature in dark ink, reading "Susan Brynteson". The signature is fluid and cursive, with the first name "Susan" and last name "Brynteson" clearly legible.

Susan Brynteson
Vice Provost and May Morris University Librarian