

W.W. Hagerty Library Collection Development Policy

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Section I

UNIVERSITY BACKGROUND AND COMMUNITY PROFILE

Drexel University is Philadelphia's technology-based, co-operative education university. Founded in 1891 by financier Anthony J. Drexel, the University is nationally recognized for its excellence in preparing students for graduate studies and careers. A leader in curriculum innovation, in 1983, Drexel became the first university to require that all students have personal access to a microcomputer. The pioneering Engineering Curriculum has been designated a national model by the National Science Foundation.

The University is organized into nine colleges and three schools. The colleges are: Antoinette Westphal College of Media Arts & Design; Arts and Sciences; Bennett S. LeBow College of Business; Engineering; Goodwin College of Professional Studies; Information Science and Technology; Law; Medicine; Nursing and Health Professions. The schools are Education; Biomedical Engineering, Science and Health Systems; and Public Health. Drexel offers 62 bachelors, 63 masters and 35 doctoral programs. The University enrolls 15,000 students from 100 nations and has more than 100,000 alumni worldwide. Please see the university's website for additional information (http://www.drexel.edu/univrel/news_information/).

Section II

RESPONSIBILITY FOR COLLECTION DEVELOPMENT

Collection development responsibilities are divided among the different libraries on campus. The Health Sciences Libraries (Hahnemann and Queen Lane) collect in the subject areas of Medicine, Nursing and Health Professions, and Public Health and the Law Library handles law materials. The Librarians at W.W. Hagerty Library handle materials in all other subject areas. This policy addresses only the subject areas covered at W.W. Hagerty Library.

To best coordinate collection development with user demand, Librarians in the Information Services Department of W.W. Hagerty Library are given prime responsibility for developing collections of all formats in their designated subject fields. The librarians are expected to provide alert and active leadership in selecting library materials that anticipate demand. The Librarians work with faculty members in initiating purchase orders and evaluating the collection (e.g. by checking bibliographies against the Library's holdings, submitting lists of materials to faculty for their approval, preparing desiderata lists, and identifying materials for weeding).

Information Services Librarians plan and institute procedures to coordinate collection building in interdisciplinary fields. The Librarians also confer with other department heads, including the Head of Library Systems, in order to build collections of computer related and audio-visual materials.

The Technical Services Department acquires material by purchase, gift, or exchange and controls orders in relation to the availability of Library material funding. Approval and standing order plans are used whenever they seem more efficient and effective than standard routines. In addition, the accounting and bookkeeping functions are the province of the Technical Services and Administrative Services Departments.

Ultimate responsibility for the collection rests with the Library Director. Individuals making recommendations will be contacted when clarification is needed, when material does not seem to conform with the collection development policy, if an equivalent resource is already available, or if anticipated use can be satisfied by borrowing or acquiring materials in response to a user's request. Additional justification may be requested of the selector and, in the rare occasions that a point of difference cannot be reconciled, the matter will be referred to the Department Head and ultimately to the Library Director.

Section III

OBJECTIVES OF THE LIBRARY COLLECTION

Library Mission Statement:

The Hagerty Library is a continually evolving, innovative organization dedicated to the provision of services, instruction, collections, technology and facilities to meet the information and information-related needs of the Drexel community.

Mission Fulfillment:

The collection part of the mission is fulfilled with a mixture of print, audiovisual and microform collections, electronic and web access, and reliance on non-Drexel sources available through Interlibrary Loan or via a commercial vendor. Fulfillment of the mission depends upon funds, expertise, physical space, and technology available. Past budgets indicate that the total mission is an ideal, with some aspects suffering when funds are lacking, so activities fulfilling the Library's mission must be appropriately ranked.

Specific Library objectives include the development of a centralized, working¹ collection to support the current and future educational and research needs of faculty, staff and students. A high priority is placed on supporting the curriculum-related needs of the undergraduate and professional program students

Purpose of the Collection Development Policy:

This document is a statement of the collection development policies of the W.W. Hagerty Library at Drexel University. Collection development consists of selection, evaluation, weeding, replacement, and retention of library material. The document is to serve as a guide to those responsible for collection development, as a communication device to other constituencies, and to provide consistency between the Library's stated objectives and development of the collection. In order to maintain currency and accuracy, the Information Services Department periodically will update this policy document.

The policy statement and levels of intensity represent an ideal that must be tempered by the reality of fiscal, staff expertise and space resources. There is, however, no attempt to define these resources within this Collection Development statement.

¹ Active, useful, used.

COLLECTION LEVELS

The Information Services Librarians at Hagerty Library collect materials in all formats that support the curriculum and faculty research interests at Drexel University.

The level at which the Information Services Librarians collect various subject materials depends upon, but is not limited to, these factors: the undergraduate programs offered, the highest degree awarded by a program, the number of students enrolled in a program, and scholarly activity, and funded research. The collection levels are primarily influenced by the degree programs, but aspiration and growth areas in some cases have been identified.

The Collection Development Committee, Resources and Technical Services Division of the American Library Association has created nationally accepted standards that define levels of collection development. The Information Services Librarians at W.W. Hagerty Library use these standards (defined below) to guide their collection decisions and allocate available funds. These collection levels are assigned in Appendix B, Subject Level Policies. It is important to note that these assignments represent a desired collection level, and not the existing level of a specific collection at the time the subject policy was written.

- **Comprehensive level**

A collection in which a library endeavors, so far as is reasonably possible, to include all significant works of recorded knowledge (publications, manuscripts, other forms), in all applicable languages, for a necessarily defined and limited field. This level of collection intensity is one that which maintains a "special collection"; the aim, if not the achievement, is exhaustiveness. Older material is retained for historical research with active preservation efforts.

- **Research level**

A collection which includes the major published source materials required for dissertations and independent research, including materials containing research reporting, new findings, scientific experimental results, and other information useful to researchers. It is intended to include all important reference works and a wide selection of specialized monographs, as well as an extensive collection of journals and major indexing and abstracting services in the field. Pertinent foreign language materials are included. Older historical material is usually retained for historical research and actively preserved. A collection at this level supports doctoral and other original research. The collection is systematically reviewed for currency of information and to assure that essential and significant information is retained.

- **Study level**

A collection that is adequate to impart and maintain knowledge about a subject in a systematic way but at a level of less than research intensity. The collection includes a wide range of basic works in appropriate formats, a significant number of classic retrospective materials, complete collections of works of more important writers, selections from the works of secondary writers, a selection or representative journals, access to appropriate machine-readable data files, and the reference tools and fundamental bibliographical apparatus pertaining to the subject.

- **Basic level**

A selective collection of materials that serves to introduce and define a subject and to indicate the varieties of information available elsewhere. It may include dictionaries, encyclopedias, access to appropriate bibliographic databases, selected editions of important works, historical surveys, bibliographies, handbooks, and a few major periodicals. The collection is frequently and systematically reviewed for currency of information.

- **Minimal level**

A subject area in which few selections are made beyond very basic works. A collection at this level is frequently and systematically reviewed for currency of information. Superseded editions and titles containing outdated information are withdrawn.²

² American Library Association, Subcommittee on Guidelines for Collection Development, Collection Management and Development Committee Resources Section, *Guidelines for Written Collection Policy Statements*, ed. Bonita Bryant (Chicago: American Library Association, 1989), 8-9.

Section IV

EVALUATION CRITERIA

The Information Services Librarians evaluate possible acquisitions by considering, but not limiting themselves to, the following criteria:

- Subject
- Appropriateness for the entire collection, including filling gaps in the collection
- Authoritativeness
- Author's or publisher's reputation
- Binding
- Currency
- Current Drexel Faculty monographs
- Historical value
- Price
- Relevance to the curriculum
- Student and faculty needs and requests
- Published reviews

General Parameters of Collection Areas

In addition to the above criteria, the general parameters defined below guide collection decisions, but these parameters may be modified in the Subject-Level Policies (see Appendix B) to meet the unique needs of a given college or department. **Please refer to subject policies for exact information for a particular area.**

1. Chronology

In general, the primary emphasis is on current materials. Classics in a field and other works dealing with all time periods are considered for purchase.

2. Geographic Guidelines

The Information Services Librarians purchase materials primarily from the United States. Significant works from other areas of the world are also considered.

3. Languages

English language materials are purchased almost exclusively.

4. Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited to, bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

5. Formats

The primary formats are print and electronic. Multimedia materials, such as DVDs and videotapes, are purchased selectively to support the curriculum. The emphasis of the journal collection is in the electronic format. Requests for other formats are considered on a case-by-case basis and may be filled through Interlibrary Loan. (See Section V for Format Guidelines.)

6. Multiple Copies

In general, Hagerty does not purchase multiple copies of a title, unless more than one copy is needed for reserve.

Section V

FORMAT GUIDELINES

1. Monographs

- Hardbound/Paperbound books

Paperbound books are preferred to hardbacks, especially for monographs that will go out of date quickly, but both types will be considered for purchase. The library will bind materials that are heavily used and in need of repair.

- Books with appended computer disks or CD-ROMs

The Library selects books with accompanying computer material under the same evaluation criteria for other materials. Such books shall be cataloged, shelved, and circulated in the same manner as all other books.

- Textbooks

Textbooks are added very selectively, due to their high cost and limited lifespan.

- Dissertations/Theses

The Library collects two copies of all doctoral dissertations and master's theses completed by Drexel students. The Librarians rarely collect non-Drexel University dissertations, unless at the request of a faculty member or student. Other requests for dissertations will be filled through access to Digital Dissertations or through Interlibrary Loan.

2. Print Journals

Electronic journals are preferred when available. For some titles, the subject librarians will recommend retaining the print version instead of, or in conjunction with its electronic counterpart if the electronic journal fails to offer all of the necessary features provided by the print and is therefore **not equivalent**. Other factors, listed below, also may contribute to a recommendation to keep the print. Print journals are preferred in some subjects such as art or photography, due to their particular content (images, color, high resolution reproductions) or due to their use (news weeklies). In addition, a small browsing collection of popular journals will also be maintained in print.

NOTE: Before considering the list below, the journal must first and foremost be important or key to the field.

- Inadequate visual content - e journal fails to contain or contains inadequate images, charts, data tables, and important advertisements or other visual content. Inadequate, in this case, may include such factors as a lack of color, poor resolution, or incomplete image content
- Lack of full text coverage - e journal includes only selected full text and not “cover to cover” full text or full content
- E journal available only through a database aggregator (Gale, First Search, etc.) that does not provide the necessary full content or images
- Database aggregator not stable in coverage – ex. Aggregator drops coverage of a title
- Cost - e journal prohibitively expensive compared to print
- Licensing
- Embargo periods for e journals
- Browsing title with significant use of current issues

In addition to the established evaluation criteria for all materials, a new print subscription should be reviewed for the following criteria:

- Electronic or print indexing coverage in a source available to Drexel students and faculty
- Electronic version not available
- Faculty request

3. Electronic Journals (E Journals)

The Library will primarily provide electronic access to journals. An electronic journal subscription should receive the same scrutiny as a print subscription.

In addition to the established evaluation criteria for all materials, a new electronic subscription will be reviewed for the following criteria:

- Accessibility of journal in electronic format
- Availability of journal in full text through a database aggregator
- Cost of electronic version
- Electronic or print indexing in a source at W.W. Hagerty Library, and whether it is linked from one of the Library's electronic journal indexes
- Guaranteed availability of electronic archive
- Licensing restrictions and vendor support
- Percentage of full text included electronically

- Potential use over print counterpart
- Quality of figures and visual images
- Reliability of access
- Technical requirements for full text access and ease of use
- Whether a separate sign-on is necessary
- Whether the journal title can be linked directly (static URL)
- Journal Citation Report (JCR) Rank
- How much the journal is cited by Drexel Faculty
- How much Drexel faculty publish in the journal

4. Print Reference Works

Authoritative, up-to-date reference materials supply useful information and are kept together in a non-circulating collection. The Library expects to satisfy general reference informational needs and provide curriculum support and limited research support.

- Bibliographies and Guides to the Literature

Major bibliographies and guides to subject literatures are purchased mainly to satisfy the needs of the College of Information Science & Technology and to help provide access to material not physically present in the Library's collection.

- Abstracting and Indexing Services

Few print abstracting and indexing services are acquired. Electronic databases that provide indexing, abstracting, and full-text journal access are preferred over the print equivalent.

- Other Reference Books

The following types of materials are purchased as long as they fall within subject scope and serve a campus need: almanacs, atlases, directories, encyclopedias, gazetteers, guides, handbooks, statistical compilations, tables, and union lists.

5. Electronic Monographs and Reference Tools

The Library will purchase electronic books and other electronic reference materials based on subject need and accessibility. For heavily used materials, the library may purchase both the print and electronic formats.

Specific criteria for evaluating electronic books and reference tools includes some or all of the following:

- Cost
- Demand
- Quality of indexing and search capabilities
- Ease of use
- Suitability to curricular support
- Technical support requirements
- Compatibility with existing network system
- Training requirements for staff and users
- Comprehensiveness
- Currency
- Opinions of review sources
- Licensing restrictions

6. Newspapers

In addition to the Evaluation Criteria in Section IV, printed newspapers will be selected to cover regional and national interests. Emphasis will be on "newspapers of record" (i.e. *The New York Times*, *The Philadelphia Inquirer*) that provide current information, recreational reading, and access to archives for historical research.

The Library increasingly will provide electronic access to newspapers. Subscriptions to electronic versions of newspapers should be scrutinized in the same manner as print subscriptions.

7. World Wide Web sites

Generally, web sites will include, to varying degrees, statistical data and factual information, a database of journals, publications or research papers, images, or a collection of related links. Due to the transitory nature and impermanence of web sites, specific care should be given to evaluate the authoritativeness of the source before adding the web site link to the Library's Electronic Resources options.

Web sites, whether free or subscription based, will be added when the web site meets the overall Evaluation Criteria from Section IV of this policy and follow the Guidelines for Selecting Free Web-Based Resources (See Section VI).

8. Manuscripts and related archival materials

See the Archives Policy.

9. Government publications

The Library attempts to collect state and local documents that meet the evaluation criteria for all materials and those that will be used by the Drexel community.

10. Printed Music

The Library does not purchase musical scores. Musical scores are available in the Music Department, and are primarily for the use of Drexel's musical organizations. Musical scores can be requested via Interlibrary loan

11. Maps & Atlases

The Library limits its purchase of maps and charts largely to world and national atlases, and maps of local interest, such as Philadelphia metro area road maps.

12. Microforms

Microform materials generally are not acquired at the W.W. Hagerty Library. Items printed on newsprint, which is not suitable for binding, are the only microform materials currently collected. The Library maintains an archival collection of microforms of journals and newspapers.

13. Audio-Visual Materials

- Online Sound Files

The Library purchases databases that provide streaming audio that support faculty requests and curricular requirements. (i.e. *Classical Music Library*, *Naxos*)

- Video Recordings

The Library acquires DVDs and videotapes to support specific curricular requirements. The preferred format is DVD. Most requests for purchase originate from faculty members. The library is beginning to explore streaming video options.

- Slides/Image databases

The Library does not acquire slides for the collection; however the library does provide access to electronic image databases, such as ARTstor, based on faculty request and curricular requirements.

Section VI

GUIDELINES FOR SELECTING FREE WEB-BASED RESOURCES

There are a vast number of freely available Internet resources that contain significant, scholarly content. These resources provide information relevant to the instructional and research programs at Drexel University. Such sites include, but are not limited to, full-text monographs; government documents; handbooks, guides, and reports created by professional organizations; indexes, directories, and other reference sources.

The Drexel University Libraries seek to identify and organize these resources as part of its obligation to assist patrons in finding and using information resources related to their academic activities. This policy establishes guidelines for the selection of freely available Internet resources. Selection in this context means the designation of Internet sites for which we will create bibliographic records to be loaded into our online catalog.

Selection

Librarians have the authority to select internet resources to be cataloged. Faculty, students, and staff may suggest resources to a librarian to submit for cataloging.

Basic Principles

To qualify for selection, an Internet resource must meet the following criteria:

- The resource must address a subject or subjects where the Library acquires materials in accordance with its collection policies.
- The resource must support curricular or research interests at Drexel University, or present information broadly useful to the local academic community.
- The resource must meet content standards of authority, scholarship, and overall quality that apply to all materials acquired by the Library.
- The resource must be reasonably stable. While it is impossible to predict how long any website will remain accessible, the resource should give evidence by its substance, comprehensiveness, or regular updating that it is likely to be a viable source of information for a period long enough to warrant the time and effort needed to create and maintain a catalog record.
- The resource must be freely available, without any subscription or registration requirements from either the individual user or the library.
- The resource should be accessible and retrievable through the library's existing hardware and software, including browsers and plug-ins. Exceptions may be made on a case-by-case basis.

Discrete Units

Some Internet resources include multiple links to monographs, reports, conference proceedings, or other discrete entities. In such cases the Librarians may request that both the parent site and some or all of its components be cataloged. To qualify for cataloging, each discrete unit must meet the above criteria and should be submitted individually via the online submission form.

Approval and Updating

Submissions from librarians on the Main Campus will be directed to the Head of Information Services and submissions from the Health Sciences Libraries will be directed to Director of the Health Sciences Libraries. The Head of Information Services and the Director of the Health Sciences Libraries will provide oversight and guidance to those submitting resources from their respective campuses and will approve all submissions. Once approved, the submissions will be forwarded to Technical Services for cataloging. After the resources have been added to the catalog, it is the responsibility of the Librarians to periodically review the resources (as one would do with weeding) in their subject areas to identify changes in these resources that would require Technical Services to update the records, or to delete a record entirely if a Librarian wants to de-select that resource. If a staff member locates a record in the catalog and the link is no longer working that staff member is responsible for reporting it to Technical Services who will consult the appropriate librarian(s) to see if the resource should remain in the catalog and to verify the correct URL information.

Section VII

SELECTION AIDS

The Information Services Librarians, in evaluating materials for the collection, rely upon selection aids for choosing quality materials for the collection. Selection aids include, but are not limited to, library journals, other journal and newspaper reviews, professional association reviews, publisher catalogs, subject specific bibliographies, standard lists, literature guides, advance notices, and selection aids provided by our approval plans.

Faculty and student suggestions, course syllabi, and web sites also may be considered as selection aids, as their contribution provides immediate input as to the curricular requirements and research activities of the Drexel intellectual community.

Book Approval Plans

The library utilizes an approval plan with a major vendor, YBP (<http://www.ybp.com>), to supply books for most areas of the library collection. The approval plan provides new materials promptly (approximately 2000 titles per year) and allows the Information Services librarians to review titles before making a purchase decision. The approval plan profile is based on a variety of elements including subject areas of interest, level of treatment and publisher. The plan is reviewed and updated on an annual basis in order to insure that the titles reflecting curricular interests are supplied. Working within the parameters of the subject profile, the vendor delivers, on a weekly basis, either a book for titles that are deemed highly relevant to the collection by the Information Services Librarian, or an electronic notification slip for monographs that are of related interest.

Standing Orders

The Library places serially published titles of value to the collection on a standing order list, with the publisher, an approval plan vendor, or another vendor. Standing orders include titles generally published annually, but sometimes more or less frequently, monographic series, or serially published monographs. (i.e *The World Almanac*, *American Library Directory*, *Literary Market Place*)

Developing a standing orders list allows the Information Services Librarians to feel certain that important titles are always current. Titles delivered on standing order, by the nature of their subject content, are usually shelved in the reference collection.

Section VIII

WEEDING POLICY

Introduction

The library collection should be continually evaluated withdrawing titles that have outlived their usefulness or do not have a clear purpose. The goal is to maintain a well-balanced, useful, reliable collection to support the information needs of the students and faculty of Drexel University.

Weeding is done as a conscientious effort to achieve a well-balanced collection suitable to our community and should be an ongoing process. Weeding is as important as acquiring materials and should be done according to the same principles and policies that determine selection. Significant amounts of material that no longer meet the needs of the University community impede the efficient selection of appropriate material. Items in poor physical condition discourage use and detract from the general appearance of the collection. Outdated and inaccurate material obstructs use and frustrates users. Unnecessary items left in a collection can weaken a library, as do insufficient acquisitions.

Several factors involved in the decision of withdrawing materials are:

- Value to the collection
- Physical condition
- Number of copies in the collection
- Coverage of the subject by other printed or electronic materials in the collection
- Age or obsolescence
- Historical value and use

Responsibility for weeding falls to the Information Services Librarians, who use judgment and knowledge of the current and future needs of the University community to evaluate the collection. A conscientious effort will be made to involve the appropriate faculty members when needed. Each subject librarian will apply the following criteria according to the requirements of the discipline.

General Criteria for Weeding

Outdated and shabby materials. It is a disservice to our community to keep shelves crammed with outdated shabby materials. No one wants to handle materials that are falling apart. However, the content may qualify some material for replacement or repair. Also, caution should be taken to avoid discarding rare books.

Material not actively used. It is important to have a collection of materials that are needed and used by the community. Some items that are not actively used but deemed of historical importance will be stored in an off-site storage facility.

Multiple copies. Unneeded multiple copies that have not circulated in the last five years. Duplication in electronic format provided the material is adequately accessible and of equal quality.

Age. Older, superseded editions that have not circulated in three years if a newer or improved edition has been acquired, depending on discipline.

Poor content. Materials that contain obsolete or incorrect information and are not of historical value. For example, materials on computers, law, science, technology health and travel need to be current to be useful. Old textbooks, workbooks, out-of-date and useless nonfiction, low quality gift books and books that have never been used.

Material that is damaged and cannot be repaired. Attention must be given to broken spine, fragile, brittle or dirty paper, torn or missing pages, and insect or mildew infestations.

Superfluous books. Materials on subjects of little interest to the University community or that promote content regarded as inappropriate, such as sexism or racism, unless specific to course curricula.

Specific Criteria for Retention:

- Material that meets accreditation standards
- Items identified by faculty, which should be retained
- Items, such as clearly identified "classics", considered valuable for the integrity of collection by librarians.
- Local or university history
- University authors
- Special collections
- History of science and technology application

Weeding the Reference Collection

Objective: To present an up-to-date reference collection that serves the needs of the University community. Currency of information is the primary function of a reference collection.

Types of Materials in the Reference Collection

1. Encyclopedias, dictionaries, handbooks and manuals
2. Travel guides
3. Indexes/abstracts and bibliographies
4. Directories
5. Statistics
6. Atlases
7. Technical standards and specifications

Guidelines for Updating the Reference Collection

1. Encyclopedias, dictionaries, handbooks and manuals
 - a. Encyclopedias
The Reference Collection aims to keep a fairly recent print edition, but the most up-to-date edition will be maintained in the electronic format.
 - b. Dictionaries
The library will buy updated editions on an as needed basis. If materials become too outdated or need replacement due to condition, new materials will be purchased.
 - c. Handbooks and Manuals
Subject Librarians will review handbooks and manuals that are more than 5 years old.
2. Travel guides
Travel guides are not generally purchased for the reference collection.
3. Indexes/abstracts and bibliographies
The Library will consider removing print indexes/abstracts and bibliographies when an appropriate electronic equivalent is available, and the print version no longer serves an education purpose. For those few titles that are not offered in electronic format, all volumes will be retained.
4. Directories
Many directories are no longer included in the collection. In some subject areas where directories are still of interest, only the latest issues are retained. Subject Librarians will review directories that are more than 3 years old.
5. Statistics
Statistical resources are kept until superseded unless the information has some historical significance.
6. Atlases
A current set of atlases is kept. Older editions of atlases with historical value may be kept in the stacks.

7. Technical standards and specifications

Of the limited standards collection owned by the Library, only the latest editions are kept in the Standards Collection. All older editions are either withdrawn or moved to the stacks.

Section IX

GIFTS

Acceptance of gift material is at the discretion of the library with advice from the appropriate Subject Librarian who must consider all aspects of this collection development policy including physical condition of the item, usefulness, collection scope, library space, processing cost and gift value.

Donations are made with the understanding and agreement that the donated material becomes the legal property of the Library. The library may use, keep, or dispose of materials at its discretion.

Material that is to be added to the collection will be an integral part of the Library's collections and will be available to all patrons in accordance with the rules and regulations for borrowing. Gifts of special collections requiring separate housing or special handling are rarely accepted and must be approved by the Library Director.

The acceptance of monetary gifts is at the discretion of the Library Director. Following the gift procedure, funds will be placed on deposit through Institutional Advancement and the Comptroller's Office to be expended by the Library in accordance with the terms of the gift.

By law, staff of Drexel University Libraries do not assign value to book donations for a donor's taxes or any other purpose. Appraisal of books is the responsibility of the donor.

APPENDIX A. SUBJECT LEVEL POLICIES

The Librarians in the Information Services Department, in order to further specify the materials collected in their designated subject fields, have prepared the following Subject Level Policies. These policies are grouped by the title of the Librarian assigned to collect in the stated subject areas.

Business and Economics

- Business
- Sport Management
- Hotel and Restaurant Management
- Culinary Arts

Education

- Education

Engineering

- Biomedical Engineering, Science, and Health Systems
- Chemical and Biological Engineering
- Civil, Architectural and Environmental Engineering
- Computer Science
- Electrical and Computer Engineering
- Engineering Management
- Materials Science and Engineering
- Mechanical Engineering and Mechanics

Humanities and Social Sciences

- Culture and Communication
- History and Politics
- English and Philosophy
- Psychology
- Special Program Areas: Africana Studies, Judaic Studies, and Women's Studies

Library and Information Science Technology

- Library and Information Science Technology

Media and Design Arts

- Architecture
- Arts Administration
- Design and Merchandising
- Digital Media
- Screenwriting and Playwriting
- Fashion Design

- Film and Video
- Graphic Design
- Interior Design
- Performing Arts
- Photography
- Television Management
- Visual Studies

Sciences

- Bioscience and Biotechnology
- Chemistry
- Mathematics
- Physics

BUSINESS SUBJECT POLICIES

BUSINESS AND ECONOMICS

Statement of Program and Library Needs:

The content for this section is taken from the 2005-2006 Undergraduate and Graduate catalogs.

The Bennett S. LeBow College of Business at Drexel University is fully accredited by the American Assembly of Collegiate Schools of Business (AACSB). The college's primary focus is on graduate education, although approximately two-thirds of its students are enrolled as undergraduates. The college offers programs leading to bachelor, master, and doctoral degrees.

The stated goals of the LeBow College of Business are to ensure a quality education for its students, to conduct faculty research useful to the college's curriculum and the outside business world, and to maximize its total role through service to the business community. The graduate programs are professionally-based and technologically-oriented.

The college offers two four-year and five-year undergraduate co-op programs: Business Administration and Commerce & Engineering, and a four-year non-co-op program: Business Administration. The degree granted is a Bachelor of Science. Areas of concentration offered are accounting, economics, electronic commerce, entrepreneurship, finance, general business, human resource management, international business (in conjunction with another field of concentration), management information systems, marketing, and operations management.

The LeBow College of Business offers graduate programs leading to the degrees of Master of Business Administration, Master of Science, and Doctor of Philosophy. Areas of concentration offered are:

- Master of Business Administration (MBA): accounting, economics, finance, management, management information systems, marketing, quantitative methods, and statistical analysis. Specialized MBA programs include One-Year MBA, Executive MBA, MBA Online, MD/MBA, GVC/MBA, and LEAD MBA.
- Master of Science (MS): accounting and finance
- Doctor of Philosophy (Ph D.): *Primary specialization areas*: accounting, decision sciences (MIS, operations management), economics, finance, marketing, organizational sciences, and strategic management

COLLECTION AREAS

Area: Business, Economics, and Law

Classes and Levels

HA	Statistics	Study
HB 1-846.8	Economic Theory	Study
HB 848-3697	Demography. Vital Events	Study
HB 3711-3840	Business Cycles, Econ. Fluctuations	Study
HC	Economic History & Conditions, Special Topics	Study
HD 1-HD1395	Production, Land use	Study
HD 1401-2210	Agricultural Economics	Study
HD 2321-7284	Industry, Labor, Industrial Relations	Study
HD 7406-8999	State Labor, Professions	Study
HD 9000-9495	Special Industries & Trades--Agricultural	Study
HD 9500-9999	Special Industries and Trades--Energy, Minerals and Metals, Construction, Manufacturing	Study
HF 1-1054	Commerce	Research
HF 1351-4055	International economic relations, tariff, free trade, protectionism	Study
HF 4999-5392	Business generalities, vocational guidance, etiquette	Basic
HF 5410-5417.5	Marketing, Distribution of Products	Research
HF 5419-5599	Other types of business establishments, industrial psychology	Study
HF 5601-5800	Accounting	Research
HF 5801-6182.2	Advertising	Study
HG 1-1500	Money and Finance	Research
HG 1501-3701	Banking and Credit	Research
HG 3705-3746	Credit Institutions, Instruments	Basic
HG 3751-3769	Commercial Credit, Consumer Credit, Bankruptcy	Basic
HG 3801-4000	International Finance	Study
HG 4001-9999	Business Finance, Investment, Securities, Stocks, Insurance	Research
HJ	Public Finance, Revenue, Taxation	Study
KF 560-3686	Business Law	Basic
KF 6200-6795	Public Finance, Taxation	Study
QA 273-280	Probability and Mathematical Statistics	Study
RA 410-415	Medical Economics	Study
T 58.6-58.64	Management of Information Systems	Study

Chronology

Primary emphasis is on current materials. Classics in a field and other works dealing with all time periods are considered for purchase.

Geographic Guidelines

The Information Services Librarians purchase materials primarily from the United States. Significant works from other areas of the world are also considered.

Language

English language materials are purchased almost exclusively.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

The primary formats are print and electronic. Multimedia materials, such as DVDs and videotapes, are purchased selectively to support the curriculum. The emphasis of the journal collection is in the electronic format. Requests for other formats are considered on a case-by-case basis and may be filled through Interlibrary Loan. (See Section V for Format Guidelines.)

Multiple Copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

SPORT MANAGEMENT

Statement of Program and Library Needs:

The Bachelor of Science (B.S.) in Sport Management is designed for students who plan to pursue careers in sports-oriented organizations; or in the health and wellness or recreation industries; or who intend to continue graduate studies in areas such as sport psychology, sport business management, and athletic training. The Sport Management major draws on the strengths of many of the University's academic programs, including psychology, communications, health sciences, athletics, and business administration.

The Sport Management program focuses on the integration of applicable areas of learning including biology, nutrition, human performance, psychology, athletics and business management. It uses a multidisciplinary approach (athletics and human performance; sport and the psycho-socio-cultural process; sports as an industry) to understand sports and manage the sports industry. Students will also develop the important supporting skills in technology and communications. The Sport Management major emphasizes the practical application of skills to the solution of problems in the management of sports, athletics and recreation on the professional, amateur and community level.

COLLECTION AREAS

Area: Sports Management

Classes and Levels

G155	Tourist Trade	Study
GV201- 555	Physical Education and Training	Study
GV713	Sports - Marketing	Study
	Sports - Administration	Study
	Sports - Org. & Admin 3b	Study
GV1199-1570	Sports - Individual sports by name	Basic
QP301-303	Kinesiology	Study
	Human Mechanics	Study
	Sports - Physiological Aspects	Study
RA770-81	Exercise	Basic
	Health	Basic
	Physical Fitness	Basic
RC489, RC73G	Recreational Therapy	Basic
RC1200-1245	Sports Medicine	Basic
RD1-811	Sports Injuries	Basic
RM725-727	Exercise Therapy	Basic
SB481	Parks (and subdivisions)	Basic

Chronology

Primary emphasis is on current materials. Classics in a field and other works dealing with all time periods are considered for purchase.

Geographic Guidelines

The Information Services Librarians purchase materials primarily from the United States. Significant works from other areas of the world are also considered.

Language

English language materials are purchased almost exclusively.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

The primary formats are print and electronic. Multimedia materials, such as DVDs and videotapes, are purchased selectively to support the curriculum. The emphasis of the journal collection is in the electronic format. Requests for other formats are considered on a case-by-case basis and may be filled through Interlibrary Loan. (See Section V for Format Guidelines.)

Multiple Copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

HOTEL AND RESTAURANT MANAGEMENT

Statement of Program and Library Needs:

The Hospitality and Restaurant Management program offers courses and co-operative education experience leading to a Bachelor of Science degree. The program is accredited by the Accreditation Commission for Programs in Hospitality Administration (ACPHA). The program, which incorporates a minor in business administration, combines professional management techniques, accounting and finance principles, computerized database and management information systems, and the art and science of lodging and food as it is delivered and perceived in the hospitality environment. The program is designed to prepare graduates for a career in hospitality management at local, national and international levels, including restaurants, luxury hotels, lodging chains, resorts, casinos, convention centers, colleges and universities business and industrial cafeterias, caterers and multi-unit chains. The program includes a co-operative education experience, offered at both the main campus in Philadelphia and in London.

Courses for this program are interdisciplinary, with requirements in General Education (qualitative methods for research, industrial psychology, analysis and evaluation, composition, reading and research), Business Administration (financial accounting, managerial accounting, economics, marketing and financial management, operations management and organizational behavior), Foundations (art history, photography and design) and Professional areas (culinary science, food-service management, safety and sanitation, hospitality accounting, beverage management, fine dining services, hospitality industry administration and laws, equipment design & layout, purchasing and commercial food preparation).

The collection for this area falls into many sections of the classification scheme, including areas such as hospitality law food science and nutrition, many areas of business including marketing, management, accounting, culinary arts, interior design (restaurant design) and photography. The primary section of the collection dealing with this topic is in the TX 1-985 (Home Economics) area.

COLLECTION AREAS

Area: Hotel and Restaurant Management

Classes and Levels

NA7800-7850	Hotel architecture	Study
NK2194	Interior design of hotels, restaurants	Study
NK2195	Hotel graphics	Study
TP370	Food service	Study
TX301-339	The house (<i>including arrangement, care, servants</i>)	Study

TX341-641	Nutrition. Foods and food supply	Study
TX642-840	Cookery	Study
TX851-885	Dining-room service	Study
TX901-946.5	Hospitality industry. Hotels, clubs, restaurants, etc. Food service	Study
TX950-953	Taverns, barrooms, saloons	Study
TX955-985	Building operation and housekeeping	Study

Chronology

Primary emphasis is on current materials. Classics in a field and other works dealing with all time periods are considered for purchase.

Geographic Guidelines

The Information Services Librarians purchase materials primarily from the United States. Significant works from other areas of the world are also considered.

Language

English language materials are purchased almost exclusively.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

The primary formats are print and electronic. Multimedia materials, such as DVDs and videotapes, are purchased selectively to support the curriculum. The emphasis of the journal collection is in the electronic format. Requests for other formats are considered on a case-by-case basis and may be filled through Interlibrary Loan. (See Section V for Format Guidelines.)

Multiple Copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

CULINARY ARTS

Statement of Program and Library Needs:

The culinary arts program prepares students for leadership positions in the fine-foods segment of the hospitality industry. This five-year program (*2 years of full-time and 3 years of part-time study during which the student works full time in industry*) culminating in a baccalaureate degree in culinary arts.. This program comprises approximately equal parts liberal arts, business and administration, hospitality management and culinary arts. Upon completing the program, students have an understanding of how to design or create a desired environment, how to market it, and how to deliver it to the customer. Students also receive the equivalent of a minor in business administration as well as completing the first year of foundation courses required for an MBA degree at Drexel.

Students in the Culinary Arts Program will take courses in the following areas: Art history, basic design, economics, accounting, consumer behavior, organizational management, hospitality law, purchasing, equipment design and layout, culinary science, design management, food styling, table and bar service, pastry, garde manger, professional baking and vegetarian, French, Asian, Italian and ethnic cuisine.

The Department of Culinary Arts maintains a library of over 1200 cookbooks, which are donated to the University by Les Dames D'Escoffier.

COLLECTION AREAS

Area: Culinary Arts

Classes and Levels

GT3770	Manners and customs (food)	Basic
NA7855-7858	Restaurants (architecture)	Study
TX341-641	Nutrition, Food and Food Supply	Study
TX643-840	Cookery	Study
TX851-885	Dining-Room service	Study
TX901-946.5	Hospitality Industry, Food Service	Study
TX950-953	Taverns, Barrooms, Salons	Study

Chronology

Primarily current materials are collected for the business and science areas of this discipline (accounting, nutrition, food safety).

Geographic Guidelines

Materials about American, Canadian and European cuisines are collected, with representative selections from the cuisines of Asia, Japan, the Middle East and other parts of the world.

Languages

English only.

Treatment

Monographs, periodicals, key textbooks, directories and manuals are collected. Periodicals on the business and administration of food service are purchased selectively. Magazines on cooking are not purchased. Cookbooks are only collected if they are considered key sources or are devoted to cooking technique. Cuisines of specific areas are collected at a basic level without duplicating the holdings of the department's cookbook collection. The latter makes it unnecessary to purchase standard cookbooks, unless specifically requested by faculty.

Format

Both print and electronic materials are collected. Electronic indexes and reference sources are preferred to print versions. A considerable number of journals covering the business aspects of culinary arts are available in electronic format. Priority will be given to acquiring more electronic journals and other resources in this format as they become available.

Multiple Copies

Multiple copies are purchased only if requested by faculty. Cookbooks already held by the department's cookbook collection are only purchased for the library if specifically requested by faculty.

EDUCATION SUBJECT POLICY

Statement of Programs and Library Needs:

The School of Education at Drexel University seeks to enrich knowledge and practice related to lifespan learning, based on the most current and appropriate research and practice. Our goal is to improve human understanding through programs and activities that emphasize creative uses of human effort, technology, and problem solving.

The School of Education is a free standing school offering programs leading to B.S., M.S., and Ph.D. degrees in teacher education, (Science of Instruction as well as in Teaching, Learning & Curriculum), and Pennsylvania State Teacher Certification in Elementary Education (emphasis on mathematics, science, and technology) , Secondary Education (Biology, Chemistry, Earth and Space Science, Environmental Education, General Science, mathematics, and Physics), Instructional Technology Specialist, English as a Second Language, and School Principal and School Superintendent certifications. The School also offers M.S. degrees in Higher Education, Global & International Education, and Educational Administration Also under the School are the Center for the Prevention of School Violence and the Math Forum @Drexel.

The Master of Science degree in the Science of Instruction and the Master of Science in Teaching, Learning & Curriculum programs focus on current research on teaching, pedagogy, curriculum development, diagnostic teaching, instructional design , evaluation, and interactive technology in instruction. The Science of Instruction degree program is more geared toward those interested in entering the teaching profession while the Teaching, Learning & Curriculum degree program is well suited for individuals who already are experienced educators seeking more depth in pedagogical research and practice.

The Master of Science degree in Higher Education program focuses on Higher Education Administration and Organizational Management with an optional secondary concentration in enrollment management; institutional research and planning; academic development, technology and instruction; or financial management.

The Master of Science degree in Global & International Education program focuses on learning in international and community based organizations and settings to provide students with the skills, knowledge, and attitudes necessary to work effectively with the complex economic, political, cultural, and social contexts that influence education and learning in diverse parts of the world.

The Master of Science in Educational Administration prepares and mentors future leaders, using state and national leadership standards, with the practical skills, knowledge and internship experiences to become effective leaders in rural, city and suburban schools in our region and nationally.

The Ph.D. in Educational Leadership Development and Learning Technologies emphasizes developing leaders in educational technology, expanding the education of principals and other school leaders, preparing college and university teachers, with a focus on research in learning technologies, multimedia, distance learning, science, mathematics, and technology education.

The School uses University-wide resources to prepare qualified professionals in teaching and learning in all areas throughout the lifespan including higher education professionals (institutional research, human resources, enrollment management), college teaching, elementary and secondary teaching with particular emphasis on mathematics, science and use of technology in education, as well as leadership in all aspects of education, K-16 and business.

Education students draw heavily on resources which support other disciplines, such as psychology, philosophy, medicine, anthropology, political science, economics, history, business administration, as well as materials in subject areas in which students are preparing to teach. The psychology collection also supports the curriculum and research interests of the School of Education. Research methodology in all aspects, including the use of computer techniques, is a strong collection interest. The juvenile literature collection is of significant interest (see policy on children and young adult literature in Library and Information Science).

Statement of Programs and Library Needs:

SEE ATTACHED DOCUMENT

I. COLLECTION AREAS

A. Area: Education

B. Classes and Levels

BF 431-437	Mental Tests and Testing	Basic
BF 721-725	Child Psychology	Study
GV 201-555	Physical Education and Training	Basic
GV 346-350	School and College Athletics, Intramural and Interscholastic Athletics	Minimal
HF 1101-1199	Business Education	Study
KF 4101-4258	Education and Law	Study
L7-991	Education (General)	Basic
L7-97	Periodicals. Societies	Basic

L101	Yearbooks	Basic
L107	Congresses	Basic
L111-791	Official documents, reports, etc.	Basic
L797-898	Educational exhibitions and museums	Basic
L899	School fairs	Basic
L900-991	Directories of educational institutions	Basic
LA 5-2396	History of education	Basic
LB		
LB 5-3640	Theory and practice of education	
	Research	
LB 5-45	General	Study
LB 51-885	Systems of individual educators and writers	Study
LB 1025-1050.7	Teaching (Principles and practice)	Research
LB 1049.9-1050.75	Reading (General)	Study
LB 1050.9-1091	Educational psychology	Study
LB 1101-1139	Child study	Study
LB 1139.2-1139.5	Early childhood education	Study
LB 1140-1140.5	Preschool education. Nursery schools	Study
LB 1141-1489	Kindergarten	Study
LB 1501-1547	Primary education	Study
LB 1555-1602	Elementary or public school education	Study
LB 1603-1696.6	Secondary education. High schools	Study
LB 1705-2286	Education and training of teachers and administrators	Research
LB 1771-1773	Certification of teachers	Study
LB 1775-1785	Professional aspects of teaching and school administrators. Vocational guidance	Study
LB 1805-2151	State teachers colleges	Study
LB 1811-1987	United States	Study
LB 1991-2151	Other regions or countries	Study
LB 2165-2278	Teacher training in universities and colleges	Research
LB 2300-2430	Higher education	Research
LB 2326.4-2330	Institutions of higher education	Research
LB 2331.7-2335.8	Teaching personnel	Research
LB 2335.86-2335.885	Trade unions	Study
LB 2335.95-2337	Endowments, trusts, etc.	Study
LB 2337.2-2340.8	Student financial aid	Study
LB 2341-2341.95	Supervision and administration. Business management	Research
LB 2351-2359	Admissions and entrance requirements	Study
LB 2361-2365	Curriculum	Research
LB 2366-2367	College examinations	Study

LB 2371-2372	Graduate education	Study
LB 2381-2391	Academic degrees	Study
LB 2799-2799.3	Educational consultants and consulting	Research
LB 2801-3095	School administration and organization	Research
LB 2831.6-2831.99	Administrative personnel	Study
LB 2832-2844.1	Teaching personnel	Research
LB 2844.52-2844.63	Trade unions	Basic
LB 3011-3095	School management and discipline	Study
LB 3045-3048	Textbooks	Basic
LB 3050-3060.87	Educational tests, measurements, evaluations and examinations	Research
LB 3201-3325	School architecture and equipment. School physical facilities. Campus planning	Study
LB 3401-3495	School hygiene. School health services	Basic
LB 3497-3499	Hygiene in universities and colleges	Basic
LB 3525-3575	Special days	Basic
LB 3602-3640	School life. Student manners and customs	Basic
LC		
LC 8-59	Forms of education	Basic
LC 8	General works	Basic
LC 15	Conversation and culture	Basic
LC 25-33	Self-education. Self-culture	Basic
LC 37-44.3	Home education	Basic
LC 45-45.8	Nonformal education	Basic
LC 46-46.8	Alternative education. Alternative schools	Basic
LC 47-58.7	Private school education	Basic
LC 58-58.7	Preparatory schools. Preparatory school education	Basic
LC 59	Public school education	Research
LC 65-245	Social aspects of education	Study
LC 65-67.68	Economic aspects of education	Study
LC 68-70	Demographic aspects of education	Basic
LC 71-120.4	Education and the state	Basic
LC 72-72.5	Academic freedom	Study
LC 107-120.4	Public school question. Secularization. Religious instruction in the public schools	Basic
LC 129-139	Compulsory education	Basic
LC 142-148.5	Attendance. Dropouts	Basic
LC 149-161	Literacy. Illiteracy	Study
LC 165-182	Higher education and the state	Basic
LC 184-188	Taxation of schools and colleges	Basic
LC 189-214.53	Educational sociology	Basic
LC 212-212.863	Discrimination in education	Basic
LC 212.9-212.93	Sex differences in education	Basic

LC 213-214.53	Educational equalization. Right to education	Basic
LC 215-238.4	Community and the school	Basic
LC 223	Schools as community centers	Basic
LC 225-226.7	Home and school	Basic
LC 230-235	Parent-teacher associations. Home and school associations	Basic
LC 237-238.4	College-university and the community	Study
LC 241-245	Foundations, endowments, funds	Basic
LC 251-951	Moral and religious education	Basic
LC 251-318	Moral education. Character building	Study
LC 321-951	Religion and education. Education under church control	Basic
LC 1001-1099.5	Types of education	Basic
LC 1001-1024	Humanistic education. Liberal education	Basic
LC 1022-1022.25	Computer-assisted education	Research
LC 1025-1027	Collective education	Study
LC 1030	Communist education	Basic
LC 1031-1034.5	Competency based education	Study
LC 1035-1035.8	Basic education. Basic skills education	Research
LC 1036-1036.8	Community education	Basic
LC 1037-1037.8	Career education	Basic
LC 1041-1048	Vocational education (General)	Basic
LC 1049-1049.8	Cooperative education	Research
LC 1051-1072	Professional education	Research
LC 1081-1087.4	Industrial education (General)	Basic
LC 1090-1091	Political education	Basic
LC 1099-1099.5	Intercultural education (General)	Research
LC 1390-5160.3	Education of special classes of persons	Basic
LC 3950-4806.5	Exceptional children and youth. Special education	Study
LC 3991-4000	Gifted children and youth	Study
LC 4001-4806.5	Handicapped children and youth. Learning disabled children and youth	Basic Basic
LC 4812-5160.3	Other special classes	Basic
LC 5161-5163	Fundamental education	Basic
LC 5201-6660.4	Education extension. Adult education. Continuing education	Study Study
LC 5451-5493	Aged education	Basic
LC 5501-5560	Evening schools	Basic
LC 5701-5771	Vacation schools. Summer schools	Basic
LC 5800-5808	Distance education	Research
LC 6601-6660.4	Reading circles and correspondence clubs	Basic
LC 6681	Education and travel	Basic
LC 6691	Traveling educational exhibits	Basic

LD		
LD 13-7501	Individual institutions. United States	Minimal
LD 1725.D62	Individual Institutions. Drexel University	Comp
LD 13-7251	Universities. Colleges	Minimal
LD 6501	Community colleges. Junior colleges	Minimal
LD 7020-7251	Women's colleges	Minimal
LD 7501	Secondary and elementary schools	Minimal
LE - LG	Individual institutions	Minimal
LH		
LH 1-9	College and school magazines and papers	Minimal
LJ3-165	Student fraternities and societies, United States	Minimal
LT6-501	Textbooks	Minimal
Z 5811-5819	Education--Bibliography	Minimal

Chronology

Emphasis is on education in the contemporary twentieth century, but significant works about education in all periods of history are acquired.

Geographic Guidelines

Works about education in the United States are emphasized. Works from other areas are acquired when their content can generalize to the American educational system.

Languages

English is the primary language of the collection, and only where necessary, foreign materials are acquired in translation.

Treatment

Serial publications, especially journals, support undergraduate teaching. Monographs about educational theory, including learning theory, or reports of empirical studies are important to our collections. Electronic resources, e.g. electronic journals or monographs, appropriate for this subject area are emphasized to provide greater access to the collection. Descriptive accounts of various educational programs, works prescribing or exemplifying teaching techniques, and other more popular treatments can also be important, but are acquired more selectively. Books of readings are acquired selectively. Almost no book-length bibliographies are acquired, but subject indexes in electronic formats, ERIC and PsycINFO, are available.

Format

Chiefly materials in print and electronic formats. Requests for videos, dissertations, and ERIC documents are honored by Inter Library Loan or purchase.

Multiple Copies

Multiple copies of heavily used works or by faculty request are acquired.

ENGINEERING SUBJECT POLICIES

BIOMEDICAL ENGINEERING, SCIENCE and HEALTH SYSTEMS

Statement of Program and Library needs:

The School of Biomedical Engineering, Science and Health Systems is a nationally recognized center for biomedical engineering education and research. In partnership with the College of Engineering, the school offers a B.S. in Biomedical Engineering covering interdisciplinary subject areas such as general biomedical engineering, bioinformatics, biomechanics and human performance, neuroengineering, biomedical systems and imaging, biosensors, biomaterials and tissue engineering, chemical engineering, biomedicine and biomedical signals and systems. The BS/MS program in Biomedical Engineering permits students to complete both a bachelor's and master's degree in Biomedical Engineering in five years. The B.A./B.S./M.D./ program allows students the opportunity to enter the Drexel University College of Medicine after three years of study as an undergraduate. The B.S./PhD program allows students to complete a doctoral degree while concurrently pursuing their undergraduate degree. The School also offers M.S. and Ph. D. degrees in Biomedical Engineering and Biomedical Science with concentration areas including: biomechanics, rehabilitation, biomaterials and tissue engineering, biosensors and biomedical imaging, biostatistics, genome science and bioinformatics, human factors and performance engineering, neuroengineering, and systems biology.

COLLECTION AREAS

Area: Biomedical Engineering, Science and Health Systems

Classes and Levels

QC221-QC246	Acoustics	Research
QD415-QD436	Biochemistry	Study
QH301-QH705.5	Biology (General)	Study
QH324	Methods of Research (Bioinformatics)	Research
QH426-QH470	Genetics	Research
QH505	Biophysics	Research
QH513	Biomechanics	Research
QM1-QM695	Human anatomy	Study
QP1-QP911	Physiology	Study
QP88-QP90	Physiology of the tissues	Research
QP101-QP110	Cardiovascular System	Research
QP111-QP124	Heart	Research
QP301-QP321	Musculoskeletal System Movements	Research
QP351-QP495	Neurophysiology	Research

QP451-QP471	Nervous System	Research
QP551-QP625	Proteins/Nucleic acids	Research
R5-R920	Medicine (general)	Study
R421-R790.95	Public health. Hygiene.	Study
R855-R855.5	Medical technology	Research
R856-R857	Biomedical engineering	Research
R858-R859.7	Medical informatics	Research
RA1-RA1270	Public aspects of medicine	Study
RA407-RA418.5	Medical economics	Study
RC952-RC1245	Special Situations and conditions (Industrial medicine, transportation medicine, sports medicine)	Study
RD1-RD811	Surgery	Study
RS1-RS441	Pharmacy	Study
T57-T57.97	Applied mathematics	Study
TA164	Bioengineering	Research
TA165	Engineering instruments	Research
TA166-167	Human engineering	Research
TA168	Systems engineering	Research
TA201-TA342	Patents	Research
TA329-TA348	Engineering mathematics	Research
TA365-367	Acoustics in engineering	Research
TP248.13-TP248.65	Biotechnology	Research

Chronology

In all areas of engineering, the collection emphasis is on the acquisition of newer materials. Faculty consultations and input from students will also be considered in the selection process.

Geographic Guidelines

Emphasis is on materials published in the U. S., Canada and Great Britain.

Languages

English is the primary language for the collection.

Treatment

Undergraduate, graduate and research level books and other printed materials are of prime interest to the collection. Conference proceedings, standards, reference materials and DVDs/videos are selectively purchased only after determining usefulness and potential for significant use. High priority is placed on electronic databases and electronic journals to meet both curricular and research needs. Requests for dissertations, patents and technical reports not available on the web can be made available by through the Inter Library Loan office. Textbooks are purchased, if long-term use is predicted, for the Reserve Book Room.

Formats

Both electronic and printed materials are considered for acquisition. The library supports access to key bibliographic databases and a wide range of electronic journals in Biomedical Engineering, Science and Health Systems.

Multiple Copies

Multiple copies of books are purchased selectively. Additional copies will be purchased upon faculty recommendation, or if there is high demand for use of a particular title.

CHEMICAL and BIOLOGICAL ENGINEERING

Statement of Program and Library needs:

The Chemical and Biological Engineering department offers B.S., M.S., and Ph.D. degrees in chemical engineering. The BS/MS program in Chemical Engineering permits students to complete both a bachelor's and master's degree in Chemical Engineering in five years. The B.S./PhD program allows students to complete a doctoral degree while concurrently pursuing their undergraduate degree. Undergraduate students can concentrate on areas such as Polymer Processing, Environmental Engineering, Advanced Chemistry, Biochemical Engineering, Materials Processing, and Biomedical Engineering. Graduate students can specialize in Chemical or Biochemical Engineering. All the courses emphasize modern theories of chemistry and are designed to enable students to gain a clearer understanding of their eventual assignments in engineering science and design.

Chemical Engineering: The graduate program in chemical engineering integrates current chemical engineering science with the emerging fields of engineering applications and processes. In emphasizing engineering design as well as scientific analysis, the department intends to develop broad individuals who are knowledgeable in modern theories, cognizant of the behavior of engineering systems, and aware of current mathematical and engineering tools that are useful for the solution of problems in complex processes and systems. Areas of research interest include: Materials Processing, Mathematical Modeling, Process Control, Safety Engineering and Transport Phenomena. Sustainable Engineering and chemical industry, Industrial ecology, Life cycle assessment, Green chemistry & engineering, and other topics related to environmentally benign manufacturing, materials, and processes.

Biochemical Engineering: The graduate program in biochemical engineering is designed for students with an undergraduate training in chemical engineering. However, students with a background in biological sciences can also enroll in those courses after completing the necessary basic engineering courses as prerequisites. Areas of research interest include: Cell Culture Technology, Cell Microencapsulation, Controlled Drug Delivery, Metabolic Sensing and Ultrasound Contrast Agents.

COLLECTION AREAS

Area: Chemical Engineering

Classes and Levels

HD9650-HD9663	Chemical industries	Study
QD1-QD999	Chemistry	Research
QD415-QD436	Biochemistry	Research
QD450-QD801	Physical and theoretical	Research

R856-R857	Chemistry (inc. Colloids)	
RA1190-RA1270	Biomedical engineering	Research
RS1-RS441	Toxicology	Study
T57-T57.97	Pharmacy	Study
TA164	Applied mathematics	Research
TA170-TA171	Bioengineering	Research
TA190-TA194	Environmental engineering	Research
TA201-TA342	Management of engineering	Study
TA329-TA348	Patents	Research
TD1020-TD1066	Engineering mathematics	Research
	Hazardous substances and their disposal	Research
TP1-TP1185	Chemical technology	Research
TS160-TS161	Industrial Ecology	Research
	Life Cycle Assessment	

Chronology

In all areas of engineering, the collection emphasis is on the acquisition of newer materials. Faculty consultations and input from students will also be considered in the selection process.

Geographic Guidelines

Emphasis is on materials published in the U. S., Canada and Great Britain.

Languages

English is the primary language for the collection.

Treatment

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CIVIL, ARCHITECTURAL and ENVIRONMENTAL ENGINEERING

Statement of Program and Library needs:

Civil, Architectural Engineering and Environmental Engineering department offers B.S., degrees in Civil Engineering, Architectural Engineering, Environmental Engineering and Appropriate Technology. It also offers M.S. and Ph.D. degrees in Civil Engineering and Environmental Engineering. The BS/MS program in Civil, Architectural and Environmental Engineering permits students to complete both a bachelor's and master's degree in Civil, Architectural and Environmental Engineering in five years. The B.S./PhD program allows students to complete a doctoral degree while concurrently pursuing their undergraduate degree. Graduate concentrations include: Architectural and Building Systems Engineering; Environmental Engineering; Geotechnical, Geosynthetics, and Geoenvironmental Engineering; Hydraulics, Coastal Engineering and Water Resources; Earthquake Engineering; and Structures and Structural Mechanics. This major prepares students in the fundamental principles necessary for the practice of this profession in any of its branches, including architectural engineering, environmental engineering, water resources engineering, structural engineering, geotechnical engineering, transportation engineering, and hazardous waste management.

Civil Engineering: The civil engineering program covers areas such as construction management, water resources engineering, hydraulics, coastal engineering, structural engineering, geotechnical engineering, transportation engineering, intelligent infrastructure and environmental engineering.

Architectural Engineering: The architectural engineering program integrates building disciplines, including coordination with architects, construction managers, civil, mechanical and electrical engineers and others. The program focuses on areas such as structural performance, shelter and interior comfort, analysis, design, construction, and operation of residential, commercial, institutional, and industrial buildings. Students use computer aided design tools to understand system interactions, perform analysis, design, scheduling, and cost analysis. Students can select either Structural Engineering or Building Mechanical Systems for specialization categories.

Environmental Engineering: This program builds on information from many of the sciences, such as chemistry, physics, hydrology, geology, atmospheric science, and several specializations of biology (ecology, microbiology, and biochemistry) and is closely associated with other branches of engineering, especially civil and chemical engineering. Other areas of interests include: Water Resources, Water and Wastewater Treatment, Hazardous and Solid Waste, Air Pollution, Subsurface Contaminant Hydrology, and Environmental Assessment / Environmental Health.

Appropriate technology: The appropriate technology major offers a unique opportunity to combine an engineering degree with practical experience in helping improve the living conditions of people in rural areas of Africa, Asia, and Latin American, as well as in

poorer regions of the United States. The program incorporates a broad-based engineering curriculum with a strong liberal education in international studies, including economics, political science, history, and anthropology.

COLLECTION AREAS

Area: Civil, Architectural and Environmental Engineering

Classes and Levels

GB400-GB649	Geomorphology	Research
GB651-GB2998	Hydrology	Research
HD9502-HD9502.5	Energy industries. Energy policy	Research
HD9715-HD9717.5	Construction industry and materials	Research
HD9718.5	Environmental engineering	Research
HE331-HE380	Industries. Pollution control industry	Research
	Traffic engineering.	Research
	Roads and highways. Streets	
KF3775	Environmental Law	Research
NA1-NA9428	Architecture	Research
QE1-QE996.5	Geology	Research
T1-T995	Technology (general)	Study
T49.5	Appropriate Technology	Research
T57-T57.97	Applied mathematics.	Research
TA1-TA2040	Civil engineering (general)	Research
TA170-TA171	Environmental engineering	Research
TA174	Engineering design	Research
TA201-TA342	Patents	Research
TA329-TA348	Engineering mathematics	Research
TA495	Disasters and Engineering	Research
TA501-TA625	Surveying	Research
TA630-TA695	Structural engineering	Research
TA703-TA712	Engineering geology.	Research
	Rock mechanics.	
	Soil mechanics.	
	Underground construction	
TA715-TA787	Earthwork. Foundations.	Research
TA800-TA820	Tunnels, Tunneling	Research
TA1001-TA1280	Transportation engineering	Research
TC1-TC978	Hydraulic engineering	Research
TC1501-TC1800	Ocean engineering	Research
TD1-TD1066	Environmental technology	Research
TE1-TE450	Highway engineering	Research
TF1-TF1620	Railway engineering	Research
TG1-TG470	Bridge engineering	Research

TH1-TH9745	Building construction	Research
TH6014-TH6081	Environmental engineering of buildings, Sanitary eng. of bldgs	Research
TJ163.26-TJ163.5	Energy Conservation	Research
TJ807-TJ830	Renewable Energy Sources	Research

Chronology

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Geographic Guidelines

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Languages

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COMPUTER SCIENCE

Statement of Program and Library needs:

The Department of Computer Science offers B.S., B.A., M.S. and Ph.D. degrees in computer science. The B.A. degree emphasizes foundation courses in the humanities and the social sciences, leading to careers involving applications in those areas. B.S. and M.S. degrees in software engineering are offered through the department jointly with the College of Information Science and Technology. The BS/MS program in Computer Science permits students to complete both a bachelor's and master's degree in Computer Science in five years. The B.S./PhD program allows students to complete a doctoral degree while concurrently pursuing their undergraduate degree. The department is rapidly expanding research and education programs in software engineering, computer graphics, artificial intelligence, networks, information assurance and security, human computer interaction, computer science education, bio-informatics and scientific computing. It emphasizes both interdisciplinary and applied research and is supported by major federal research grants. In addition, online M.S. degrees in Computer Science and Software Engineering are offered through Drexel's E-learning initiative.

COLLECTION AREAS

Area: Computer Science

Classes and levels

Q300-Q390	Cybernetics	Study
Q350-Q390	Information Theory	Study
QA75-QA76.95	Electronic Computers. Computer Science.	Research
QA76.75-QD76.765	Computer Software	Research
T58.5-T58.64	Information Technology	Study
T58.6-T58.62	Management of Information Systems	Study
TA201-TA342	Patents	Research
TK5105.5-5105.9	Computer Networks	Research
TK7885-7895	Computer Engineering	Research

Chronology

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ELECTRICAL and COMPUTER ENGINEERING

Statement of Program and Library needs:

The Electrical and Computer Engineering department offers B.S. and M.S. degrees in both Computer Engineering and Electrical Engineering. The BS/MS program in Electrical and Computer Engineering permits students to complete both a bachelor's and master's degree in Electrical and Computer Engineering in five years. The B.S./PhD program allows students to complete a doctoral degree while concurrently pursuing their undergraduate degree. The M.S. degree tracks available include: Computer Engineering, Electrical Engineering, Software Engineering and Telecommunications Engineering. M.S. degrees are also offered in Software Engineering, through a multidisciplinary collaboration sponsored by the College of Arts and Sciences, the College of Engineering – Computer Science, and the College of Information Science and Technology. In addition, online M.S. degrees in Electrical Engineering and Software Engineering are offered through Drexel's E-learning initiative.

The department also offers Ph.D. degrees focused on six general areas: Computer Engineering, Controls, Robotics & Intelligent Systems, Electrophysics, Image & Signal Processing and Interpretation, Power Engineering, or Telecommunications & Networking.

Computer Engineering: This program constitutes the study of the design of computers and digital systems, use of microprocessors embedded in a larger system (e.g. anti-lock brake systems), theoretical issues in computing, object-oriented programming languages, design of large-scale software systems, and computer networks. Specializations include applications of computers in control systems, digital signal processing, telecommunications, and power systems, and very large scale integration (VLSI) systems design.

Electrical Engineering: Undergraduate students can choose one of three tracks: Telecommunications; Electronics; or Electrical Engineering to obtain their B.S. Areas of focus for graduate students can include: Electrophysics, Controls, Robotics & Intelligent Systems, Power Engineering or Signal/Image Processing.

Software Engineering: This program draws on existing programs in computer science, engineering, and information science and technology to provide a curriculum that encompasses the behavioral, managerial and technical aspects of software engineering.

Telecommunications Engineering: This option is for specialization is only available at the graduate level. The emphasis in this program includes both engineering and non-engineering aspects of Telecommunications Engineering.

COLLECTION AREAS

Area: Electrical and Computer Engineering

Classes and Levels

HE7601-HE8700.9	Telecommunication industry.	Study
HE8701-HE9680.7	Telephone industry	Study
HE9713-HE9715	Cellular radio. Wireless telephone	Study
HE9719-HE9721	Artificial satellite telecommunications	Study
HE9723-HE9737	Signaling	Study
QA76.5-QA76.95	Electronic computers Computer science (Software engineering)	Research
QC221-QC246	Acoustics. Sound	Research
QC350-QC467	Optics. Light	Research
QC501-QC766	Electricity and magnetism	Research
T57-T57.97	Applied mathematics	Research
TA201-TA342	Patents	Research
TA329-TA348	Engineering mathematics	Research
TA365-TA367	Acoustics in engineering	Research
TA1501-TA1820	Applied optics. Photonics	Research
TJ210-TJ225	Automata. Control Engineering Robotics	Research
TK1-TK9971	Electrical engineering. Power engineering, Electronics, Microwave. Telecommunications. Computer Engineering	Research

Chronology

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ENGINEERING MANAGEMENT

Statement of Programs and Library Needs:

The M.S. in engineering management is an online program that integrates the study of major management disciplines within the context of engineering or technical operations. It provides the skills necessary to manage technical resources, and it focuses on solving problems that require close cooperation between technical and non-technical staff.

The program is designed to provide the background in management science necessary to advance from purely technical positions to those including supervisory responsibilities in such areas as research and development, production, engineering, design, and technical marketing.

The advances of science and technology have created a new profession – engineering management that is regarded as the art and science of planning, organizing, allocating resources, directing and controlling activities that have a technological component. It envelops not only project management, but also the whole process of on-going business operations in all science and technology based organizations such as system engineering, product/service development and manufacturing, as well as long run business and technological development strategies.

The unique nature of engineering management distinguishes engineering managers from managers in other areas by the fact that they possess both ability to apply engineering principles and skills in organizing and directing technical projects and people in technical jobs.

Important domain areas include: Market Research, Technology Updates, & Environmental Scanning, Planning & Adjusting Business Strategies , Developing Products, Services, & Processes, Engineering Operations & Change, Financial Resources & Procurement, Marketing & Sales, Leading Individuals & Engineering Project Teams, and Professional Responsibility & Legal Issues.

A. COLLECTION AREAS

Area: Engineering Management

Classes and Levels

T 1-995	Technology (general)	Study
T 55-55.3	Industrial safety	Research
T 55.4-60.8	Industrial engineering. Management eng.	Research
T 58.6-58.64	Management information systems	Study
T 175-178	Industrial research	Research
TA177.4-185	Engineering economy	Research
TA 190-194	Management of engineering works	Research

TA201-TA342
TA495

Patents
Disasters and Engineering

Research
Research

Chronology

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MATERIALS SCIENCE and ENGINEERING

Statement of Program and Library needs:

Materials engineering is a multidisciplinary field covering physics and chemistry, mechanical, and electrical engineering offering B.S, M.S., and Ph.D. degrees. The BS/MS program in Materials Engineering permits students to complete both a bachelor's and master's degree in Materials Engineering in five years. The B.S./PhD program allows students to complete a doctoral degree while concurrently pursuing their undergraduate degree. The Materials Science and Engineering Department's new curriculum focuses on developing conceptual background in the science and technology in the areas of (a) advanced materials design and processing, (b) biomaterials, (c) nanomaterials and nanotechnology, (d) electronic and optical materials and (e) polymers and soft materials.

COLLECTION AREAS

Area: Materials Engineering

Classes and levels

HD9506-HD9624	Mineral and metal industries	Study
QC170-197	Solid State Physics	Research
QC350-QC467	Optics. Optical Materials	Research
QP514.2	Bionanotechnology	Research
	Molecular Biology	
R857	Biomaterials	Research
T57-T57.97	Applied mathematics	Research
T174.7	Nanotechnology	Research
TA201-TA342	Patents	Research
TA329-TA348	Engineering mathematics	Research
TA349-359	Mechanics of engineering. Applied mechanics	Research
TA401-TA492	Materials of engineering and construction. Mechanics of materials	Research
TA495	Disasters and Engineering	Research
TK7800-TK8360	Electronic Materials	Research
TN1-TN997	Mining engineering. Metallurgy	Research
TP785-TP869	Clay industries. Ceramics. Glass	Research
TP1080-TP1185	Polymers and Polymer manufacture	Research
TS200-TS770	Metal manufactures. Metalworking.	Research

TS800-TS937
TS1870-TS1935

Wood technology.
Rubber industry

Research
Study

Chronology

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MECHANICAL ENGINEERING and MECHANICS

Statement of Program and Library needs:

The Department of Mechanical Engineering and Mechanics offers B.S., M.S. and Ph.D. degrees in Mechanical Engineering and Mechanics. The BS/MS program in Mechanical Engineering and Mechanics permits students to complete both a bachelor's and master's degree in the field in five years. The B.S./PhD program allows students to complete a doctoral degree while concurrently pursuing their undergraduate degree. Students at the undergraduate levels can decide to focus on one of the following areas: Aerospace, Biomechanical Engineering, Manufacturing, Mechanics and Structures, Systems and Control, and Thermal and Fluid Sciences. Students at the graduate level can focus on one of the following areas for specialization: Mechanics, Thermal & Fluid Sciences, and Systems & Control.

COLLECTION AREAS

Area: Mechanical Engineering and Mechanics

Classes and levels

HD9680-HD9714	Mechanical industries	Study
HD9720-HD9975	Manufacturing industries	Study
T55-T55.3	Industrial Safety	Study
T55.4-T60.8	Industrial engineering	Study
T59.5	Automation	Study
T175-T178	Industrial research	Study
T351-T385	Mechanical drawing	Study
TA168	Systems engineering	Study
TA174	Engineering design	Study
TA190-TA194	Management of engineering	Study
TA201-TA342	Patents	Research
TA213-TA215	Engineering machinery, tools	Study
TA329-TA348	Engineering mathematics	Study
TA349-TA359	Mechanics of engineering	Research
TA401-TA492	Materials of engineering and construction. Mechanics of materials	Research
TA495	Disasters and Engineering	Study
TA2001-TA2040	Plasma engineering	Research
TJ1-1570	Mechanical engineering and Machinery	Research
TL1-TL4050	Motor vehicles. Aeronautics. Astronautics	Research
TP315-TP360	Fuel	Research

TS1-TS2301	Manufactures	Study
TS155-TS194	Production management.	Research

Chronology

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HUMANITIES AND SOCIAL SCIENCES SUBJECT POLICIES

CULTURE & COMMUNICATION

Statement of Programs and Library Needs

The Department of Culture & Communication offers undergraduate programs leading to a B.A. or a B.S. degree in the following areas: Anthropology, Communication, Criminal Justice, Environmental Studies, and Sociology. M.S. degrees are offered in Communication (with tracks in public communication, technical communication, and science communication), Publication Management, and Environmental Policy. There are also minors available in Anthropology, Communication, Criminal Justice, Modern Language (Chinese, Japanese, French, German, Italian, or Spanish), and Sociology.

Anthropology: The anthropology major at Drexel is a four-year internship major with one co-op. A minor is also available. This program focuses on the classic work in cultural anthropology and contextualizes that work through a focus on technology, the information society, and the processes of globalization. The program also emphasizes training in methodology and integrates fieldwork directly into the curriculum. The anthropology minor provides students in other fields with a cross-cultural awareness that will enable them to interact with a variety of people in a wide range of situations. By giving students a respect for and understanding of the basis of cultural variation, the minor can facilitate working in international settings. Even for students working within the United States, anthropology offers increased sensitivity to ethnic and population diversity.

Communication: Undergraduate majors are available in corporate and public relations (B.A., B.S.), technical and science communication (B.S.), and global journalism (B.A.). An undergraduate minor is also offered in communication. On the graduate level, an M.S. degree is offered in Communication, with tracks in public communication, technical communication, and science communication. Emphasis in the library collection is placed on applied communication and media.

Criminal Justice: A B.S. degree is offered through the criminal justice program. A minor is also available. This is a multidisciplinary program that draws from the best available courses in sociology, psychology, chemistry, bioscience and biotechnology, computer science, legal studies, philosophy and communications to prepare Drexel students for criminal justice positions. Students in this four-year program will have two co-ops or internships to provide hands-on, experiential learning. There are many exciting careers in law, law enforcement, corrections, probation & parole and numerous governmental and private nonprofits involved in criminal justice activities.

Environmental Science and Policy: A B.S. degree is offered in Urban Environmental Studies. The emphasis of this major is on urban environmental issues such as air pollution and exposure to toxic waste. The M.S. program in Environmental Policy provides a comprehensive, multi-disciplinary approach to the development,

implementation, and evaluation of environmental policy. The goal of the program is to graduate policy analysts who have a strong commitment to environmental values, are scientifically and methodologically competent, and can work effectively in the democracy policy process with the various groups and institutions engaged in environmental issues. Entrance to the M.S. Program in Environmental Policy requires a Bachelor of Science degree in Environmental Science, or a B.S. degree in the natural, physical, or social sciences, or related engineering disciplines, along with additional course work. These majors are part of a network of environmental studies programs at Drexel University, which also includes degrees offered through the Department of Bioscience and Biotechnology, the College of Engineering, and the School of Public Health.

Modern Languages: Modern Languages at Drexel University takes a communicative approach to language learning. The goal is to foster language competence by focusing on the acquisition of reading, writing, speaking and listening skills in the target language as well as refining students' knowledge of foreign cultures by a multidisciplinary approach. The Modern Language Programs offer minors in Arabic, Chinese, Japanese, French, German, Italian, Russian, and Spanish.

Publication Management: The goal of the M.S. program in publication management is to produce managers who understand the capabilities and limitations of the available technology and can make managerial decisions based on that understanding. Students enter the program from diverse undergraduate backgrounds, including liberal arts, business administration, journalism, communications, technical writing, and information studies. The program builds on the individual's undergraduate content base by providing knowledge about the key elements of the publishing process needed by a publishing executive. The program also serves the needs of individuals already employed in the printing or publishing industry who are seeking to update or broaden their knowledge.

Sociology: Sociology is a broad discipline dealing with interpersonal behavior. It examines the behavior of social units and critically examines "truths" frequently taken for granted. Training in sociology leads to a mode of critical thinking that enables one to push beyond established boundaries. Such a skill is invaluable in a wide range of professions. The program involves community-based research, which is done with and for community groups. It is research in which the community groups themselves help set the agenda of research questions so that the results are directly useful to them. This major has four components: theory, methods, substantive coursework, and special coursework in community-based research.

COLLECTION AREAS

Area: Anthropology

Classes and Levels

GF	Human Ecology	Study
GN 49-296	Physical Anthropology	Basic
GN 301-674	Ethnology	Study
GN 700-890	Archaeology	Basic
GR	Folklore	Basic
GT	Manners & Customs	Basic

Area: Communication

Classes and Levels

HD 59	Public Relations	Study
HF 5717	Business Communication	Study
HF 5818	Business Writing	Study
P 1-85	General Linguistics	Study
P101-410	Language and Linguistic Theory	Study
PN 1990-92	Broadcasting	Basic
PN 1993-99	Motion Pictures	Study
PN 4699-5650	Journalism	Study
PN4001-4355	Oratory	Basic
Q 223-295	Communication in Science	Study
R 119	Medical Writing	Study
T 11	Technical/Scientific Writing	Study
TK 5101	Telecommunication	Study
Z 278-549	Publishing. Desktop Publishing	Study

Area: Criminal Justice

Classes and Levels

HV 6001-7220	Criminology	Study
HV 7231-8291	Criminal Justice Admin.	Study
HV 8301-9920	Penology, prisons, corrections	Study

Area: Environmental Science and Policy

Classes and Levels

GE 1-350	Environmental Sciences & Policy	Research
GF 1-75	Human Ecology	Study
HC 79	Pollution	Study

Area: Modern Languages

Classes and Levels

PC 1001-1977	Italian Language	Basic
PC 2001-3761	French Language	Basic
PC 4001-4977	Spanish Language	Basic
PF 3001-5999	German Language	Basic
PG 2900-3698	Russian Literature	Minimal
PG 2001-2826	Russian Language	Minimal
PJ 6001-8517	Arabic Language & Literature	Minimal
PL 501-889	Japanese Language & Literature	Minimal
PL 1001-3208	Chinese Language & Literature	Minimal
PQ 1-2551	French Literature & Criticism	Minimal
PQ 2600-2726	French Literature (20 th C.-current)	Basic
PQ 4001-4734	Italian Literature & Criticism	Minimal
PQ 4800-4926	Italian Literature (20 th C.-current)	Basic
PQ 6001-6576	Spanish Literature & Criticism	Minimal
PQ 6600-6726	Spanish Literature (1860-current)	Basic
PQ 7081-8560	Spanish America	Basic
PT 1501-2239	German Literature (1050-1860/70)	Minimal
PT 2600-2728	German Literature (1860/70-current)	Basic

Area: Publication Management

Classes and Levels

HF5001-6182	Business	Study
HF5387	Business ethics	Study
HF5546-5548.6	Office organization and management	Study
HF5548.7-5548.85	Industrial psychology	Study
HF5601-5689	Accounting. Bookkeeping	Study
HF5691-5716	Business mathematics.	Study
HF5717-5746	Business communication	Study
HF5801-6182	Advertising	Study
N1-9165	Visual arts (General)	Study
NC997-1003	Commercial art. Advertising art. Graphic design.	Study
NX1-820	Arts in general	Study
PN101-245	Authorship	Study
PN172-239	Technique. Literary composition, etc.	Study
T10.5-11.9	Communication of technical information	Study
Z116-659	Book industries and trade	Study
Z116.A2	Treatises on the modern printed book	Study
Z16.A3	Book design	Study
Z116.A5-265.5	Printing	Study
Z124-228	History	Study
Z231-232	Printers and printing establishments	Study

Z242.9-264.5	Practical printing <i>Including printing as a business, layout, paper and ink, machinery, type and type founding, electrotyping, desktop publishing, typesetting, presswork</i>	Study
Z266-276	Bookbinding. Book decoration	Study
Z278-549	Bookselling and publishing	Study
Z51-656	Copyright	Study
Z657-659	Freedom of the press. Censorship	Study

Area: Sociology

Classes and Levels

HD 7285-7395	Housing	Basic
HM	Sociology General	Basic
HM 251-291	Social Psychology	Study
HN	Social History and Conditions	
	Social Problems. Social Reform	Basic/Study
HQ 503-1059	Family. Marriage	Basic
HQ 1060-1064	Gerontology (Social)	Study
HQ 1101-2030.7	Women. Feminism	Study
HT 101-384	Urban Groups. The City.	
	Urban Sociology	Study
HT 390-395	Regional Planning	Basic
HT 401-485	Rural Sociology	Basic
HT 601-1445	Social Classes	Basic
HT 1501-5770	Sociology-Races	Study
HV 40-4959	Social and Public	
	Welfare	Study
HV 5001-5770	Alcoholism. Tobacco Habit	Study
HV 5800-5840	Drug Habits/Abuse	Study
QP 86	Old Age-Physiology	Basic
RA 418	Social Medicine	Basic
RC 952-954	Geriatrics	Research

Chronology

Due to the nature of the discipline, most acquisitions will be of materials of a current nature.

Geographic Guidelines

Primary emphasis on the United States and Great Britain, but due to the international nature of many of the issues currently under consideration in these fields, it is anticipated that materials will reflect a wider geographic range.

Languages

English is the primary language collected for most materials purchased to support study in the disciplines covered by Culture and Communication. Materials to support the Modern Languages program are collected in the native language

Treatment

Monographs, reference works, and periodicals of a scholarly nature are purchased. Some materials of a popular nature are also acquired in the subject area of media. Textbooks are purchased occasionally upon faculty request. Theses and dissertations from other institutions are not collected.

Formats

Chiefly printed materials for books. Some videos are acquired to support teaching and upon faculty requests. Increasingly, journals are collected in electronic (web-based) format. Effort will be made to acquire appropriate electronic resources for this subject area.

Multiple Copies

Multiple copies of heavily used works are acquired as funds permit.

Areas for Growth/Development

Developments in this department include plans for a new minor in Health Communication and a Ph.D. level program in Communication. Additionally, increased course offerings and teaching in Anthropology, Ethnography of Communication, and Language Planning are anticipated.

HISTORY AND POLITICS

Statement of Programs and Library Needs

The Department of History & Politics offers courses leading toward a B.A. or B.S. in History and Political Science. An M.S. degree in Science, Technology, and Society (STS) is also offered, and students have the option to enroll in a dual degree program which allows them to complete their master's level work more quickly. Students in other majors have the option to pursue 24-credit minors, focusing on History; Political Science; American Studies; European Studies; Science, Technology, and Human Affairs; or History and Politics.

All undergraduates in the University are required to take courses in this department. Patrons outside the majors in the discipline use a large percentage of the collection.

The graduate program in Science, Technology, and Society integrates the study of history, science and technology, public policy, and contemporary social and political issues. It combines core courses in the history of science and technology with classes that focus on gender and race, democratic institutions, ethics, and future challenges to industry and government. The program also provides a unique international orientation, which recognizes the crucial context of globalization in the advancement of science and technology and the broad implications of scientific research and innovation in the politics and history of the modern world. History of Science and Technology materials are collected not only for the concentrated Masters program, but are used by students from many other disciplines.

Materials related to local history and politics, especially for Philadelphia, and for the states of Pennsylvania, Delaware, and New Jersey, are collected to satisfy interests in these areas.

COLLECTION AREAS

Area: History

Classes and Levels

C	Auxiliary Sciences of History	Minimal
D	General History	Basic
DA-DR	European History	Study
DS	Asian History	Basic
DT	African History	Basic
E	History of the Americas	Study
F158	History of Philadelphia	Research
F106-205	Mid-Atlantic States History	Basic/Study
Q 1-209	Science. History	Research
T 14-40	Technology. Philos/History	Research

Area: Political Science

Classes and Levels

GE	Environmental Sciences	Study
HX	Communism, Socialism	Basic
J-JA	Official Documents & General Works	Basic
JC	Political Theory	Basic
JF	Constitutional History	Basic
JK	United States	Study
JL-JQ	Other nations	Study
JS	Local Government	Basic
JS 451	Pennsylvania	Study
JS 1261-1280	Philadelphia	Study
JX/JZ	International Relations	Study
T	Technology	Study

Chronology

All time periods of history are collected. For political science, the emphasis is on twentieth century political theory, politics, and public policy, but historical works on these subjects are acquired.

Geographic Guidelines

For history, American and European history are emphasized. For political science, primary emphasis is on the United States; but worldwide political systems and international relations are represented as well.

Languages

English is the primary language of the collection. Materials in European and other languages are collected minimally.

Treatment

Monographs, reference works, and periodicals of a scholarly nature are purchased. Effort will made to acquire appropriate electronic resources for this subject area. Textbooks are purchased occasionally upon faculty request. Theses and dissertations from other institutions are not collected.

Formats

Chiefly printed materials for books. Some videos are acquired to support teaching and upon faculty request. Increasingly, journals are collected in electronic (web-based) formats.

Multiple copies

Multiple copies of heavily used works are acquired as funds permit.

ENGLISH AND PHILOSOPHY

Statement of Programs and Library Needs

The Department of English and Philosophy offers courses leading to a B.A. degree in English. A 24-credit hour minor is also offered in English or Philosophy. Students of any major are invited to work toward an 18-credit hour Certificate in Writing and Publishing, with a focus on professional and/or creative writing. All undergraduate students in the University are required to take the sequence of Freshman Writing courses in this department. Students outside the major use a large percentage of the collection.

Literature majors are offered the opportunity to develop critical reading and writing skills while examining the esthetic, social, historical, and psychological issues that inform literary works. While the emphasis in the program is English and American Literature, courses in European and Non-Western Literatures are also offered.

In philosophy, emphasis in our collection is placed on applied philosophy. This is in conjunction with the University's commitment to explore new and creative ways to integrate the teaching of ethics into the broader curriculum. In December, 2001, the W.W. Hagerty Library was awarded \$100,000 by the Gladys Brooks Foundation to serve as an endowment for funding the Applied Ethics Collection. These funds are used to acquire materials on applied ethics, especially those concerning ethics of science and technology.

COLLECTION AREAS

Area: Literature

Classes and Levels

PA-PL	Foreign Languages and Literature	Basic
PN	Literature	Study
PR	English Literature	Study
PS	American Literature	Study

Area: Philosophy

Classes and Levels

B	Philosophy (General)	Basic
BC	Logic	Basic
BD	Speculative Philosophy	Minimal
BH	Aesthetics	Basic
BJ	Ethics	Study

Chronology

Most acquisitions will be current materials. Selective acquisition of retrospective materials will be made as required by developing areas of specialization in the Department.

Geographic Guidelines

For literature, primary emphasis is on United States and Great Britain, but literatures of other countries will also be collected. In philosophy, primary emphasis is on Western Philosophy.

Languages

English is the primary language of the collection. Literatures of foreign countries are primarily in English translation. Some foreign literatures are in the original languages.

Treatment

Monographs, reference works, and periodicals of a scholarly nature are purchased. Effort will be made to acquire appropriate electronic resources for these subject areas. Textbooks are purchased occasionally upon faculty request. Theses and dissertations from other institutions are not collected.

Formats

Chiefly printed materials for books. Videos are acquired to support teaching and upon faculty requests. Increasingly, journals are collected in electronic (web-based) format.

Multiple Copies

Multiple copies of heavily used works are acquired as funds permit.

Areas for Growth/Development

There is an anticipation of growth in the teaching of Colonial and Post-Colonial Literature, particularly 20th century and contemporary fiction, including Indian and Caribbean literatures.

PSYCHOLOGY

Statement of Program and Library Needs:

The Department of Psychology offers a minor, a B.S., a dual B.S./M.S., and an M.S. in Psychology, as well as a Ph.D. in Clinical Psychology. The doctoral program, accredited by the American Psychological Association, has the primary goal of training clinical psychologists in the scientist-practitioner model. Additionally, there is a joint program with the Villanova Law School which offers a joint J.D./Ph.D. in Clinical Psychology.

The Department of Psychology is distinguished by its emphasis on the emerging, substantive area of clinical neuropsychology, and includes training in geriatrics, traumatic brain injury, pediatrics, and the teaching of psychology.

At the graduate level, courses are offered in: research methods and statistics, neuropsychological and personality assessment, biological bases, cognitive-affective bases, individual differences, social-developmental, ethics, psychotherapy and clinical training, advanced neuropsychology training.

Undergraduate psychology courses are offered in developmental, abnormal, social, experimental, cognitive, industrial, counseling, clinical sports, comparative and physiological psychology, computer-assisted data analysis, learning, neuropsychology, death and dying, human factors and cognitive engineering, psychological testing and the psychology of human-computer interaction.

COLLECTION AREAS

Area: PSYCHOLOGY

Classes and Levels

BF1-172	Psychology (General). History	Research
BF173-175	Psychoanalysis	Study
BF176	Psychological Tests and Testing	Research
BF180-204.7	Experimental Psychology	Study
BF207-209	Psychotropic Drugs	Study
BF231-299	Sensation, Aesthiology	Study
BF309-499	Consciousness, Cognition, Perception, Intuition <i>(Including learning, attention, comprehension, memory, imagination, genius, intelligence, thought(and thinking, mental fatigue)</i>	Research
BF501-504.3	Motivation	Study
BF511-593	Emotion, Feeling, Affection	Study
BF608-635	Will, Choice, Volition	Study
BF636-637	Applied Psychology	Research
BF660-685	Comparative Psychology	Research

BF698-698.9	Personality	Research
BF699-711	Genetic Psychology	Study
BF712-724.85	Developmental Psychology	Research
BF721-723	Child Psychology	Study
BF795-839.5	Temperament, Character (Ethology)	Research
BF839.8-1063	Parapsychology	Minimal
BF1404-1999	Occult Sciences	Minimal
HM251-291	Social Psychology	Study
RC49-52	Psychosomatic Medicine	Research
RC321-569.5	Neurology and Psychiatry, Neuropsychiatry (includes psychiatry, psychotherapy, psychoanalysis , psychopathology, psychoses, neuroses, personality disorders, behavior problems)	Research
RC569.7-571	Mental Retardation	Research
RC952-954.6	Geriatrics	Research
RJ499-507	Mental Disorders, Child Psychiatry	Research

Chronology

Emphasis is on twentieth century materials, particularly those published since 1980. Classic works and works on the history of the discipline are acquired regardless of date of imprint.

Geographic Guidelines

Emphasis is on materials published in United States. Selected materials from Canada, the United Kingdom and Europe are also purchased.

Languages

English is the predominant language of the collection.

Treatment

There is a strong emphasis on serial publications, including journals (both electronic and print), conference proceedings and annual reviews. Scholarly theoretical or empirical monographs are important. The literature about psychology, its history, the legal and economic aspects of clinical practice, the job market and research methods particular to the discipline is acquired at a research level. Very few book-length bibliographies, books of readings or textbooks are purchased. Upper-level textbooks are acquired selectively, as are selective works written on a popular level. Electronic indexes to the literature are collected at an almost comprehensive level.

Formats

Print is the primary format, although access to full-text electronic journals has high priority (within budgetary constraints). Some microform and video format items are collected as requested by faculty.

Multiple Copies

Multiple copies of heavily used works of a serious nature are acquired if circulation statistics prove demand.

SPECIAL PROGRAM AREAS: INTERNATIONAL AREA STUDIES, AFRICANA STUDIES, JUDAIC STUDIES, WOMEN'S STUDIES

International Area Studies (IAS) is an interdisciplinary, intercultural, and interactive major, linking language study with other academic disciplines such as politics, history, economics, sociology, anthropology, literature, and philosophy. It provides critical foundations for understanding global, political, social, and economic trends and developing cultural awareness. It also provides an innovative framework for preparing responsible citizens who are aware of larger world issues and local concerns and are able to draw on both the arts and sciences in considering these challenges. The program encourages a practical framework for area specialization through study abroad, internships, and cooperative education. The program offers a B.A. in International Area Studies with four different concentrations: Justice and Human Rights; Global Science, Technology, and Society; International Business and Economics; and Literature, Culture, and Arts. Minors are also offered in International Area Studies, Arabic, Chinese, French, German, Italian, Japanese, Russian, and Spanish.

Minors are offered in the special program areas of Africana Studies, Judaic Studies, and Women's Studies. Minors in each of these programs require the completion of 24 credit hours, which are a combination of both required and elective courses. Courses offered in these programs are normally cross-listed with a variety of departments within the College of Arts and Sciences, and are popular electives even with students who are not actively pursuing a minor.

Africana Studies offers an interdisciplinary examination of the black experience in the Americas, Africa, the Caribbean and Latin America. Courses in the program explore the distinct historical, political and cultural traditions of people of African descent. The program also concentrates on equity issues and stresses service learning in a wide variety of community-based organizations.

The Louis Stein Minor in Judaic Studies is designed to give students the opportunity to explore and understand the history, culture, politics, and religion of the Jewish people. Through interdisciplinary coursework and directed field study, students investigate the Jewish experience from both a contemporary and a historical perspective.

The Minor in Women's Studies is intended to give students a broad, interdisciplinary understanding of the ways in which gender interacts with race, class, ethnicity, age, and sexual orientation to shape human consciousness and determine the social, political, and cultural organization of society throughout history.

Area: Special Programs

Classes and Levels

These highly interdisciplinary fields will be served with appropriate materials from the following categories:

B	Philosophy, Psychology, Religion
D	History (World)
F	History (Americas)
G	Geography, Anthropology
H	Social Sciences
J	Political Science
P	Language & Literature

LIBRARY AND INFORMATION SCIENCE AND TECHNOLOGY SUBJECT POLICY

Statement of Programs and Library Needs:

The College of Information Science and Technology offers undergraduate and graduate programs in the fields of Library Science and Information Science.

- Bachelor of Science in Information Systems
- Bachelor of Science in Information Technology
- Bachelor of Science in Software Engineering
- Master of Science, Library & Information Science
- Master of Science in Information Systems
- Master of Science in Software Engineering
- Doctor of Philosophy

The Bachelor of Science in Information Systems, Bachelor of Science in Information Technology and Bachelor of Science in Software Engineering are unique multidisciplinary fields that require technical, interpersonal, and information skills. The Undergraduate Program at Drexel University's College of Information Science and Technology defines information systems broadly to include information itself, people, policies, and procedures, as well as computer hardware and software.

The Master of Science in Information Systems (MSIS) is designed to meet the demand for designers and developers of software-intensive systems, regardless of the application domain. The major can be described as applied computer science with a system engineering perspective. The curriculum stresses the importance of the end user in the development of systems. The goal is to apply technology to real data-processing problems in real organizations.

The Master of Science, Library and Information Science (MS) prepares professionals, including librarians, for work in information services and systems in libraries, information centers, and other information-providing organizations such as database vendors and information producers. The program is accredited by the American Library Association, and thereby provides a credential recognized (and often required) by employers in information services. Teacher certification for school librarianship is available, obtained in conjunction with the School of Education, and is a strong specialization of the College. Children's literature is an important component of this specialization.

The Master of Science in Software Engineering (MSSE) degree is a multidisciplinary University degree sponsored by the College of Engineering and the College of Information Science and Technology. The program, drawing on the strengths of existing Drexel programs in computer science, engineering, and information science and

technology, provides a curriculum that encompasses behavioral, managerial and technical aspects of software engineering and attempts to synthesize, rather than differentiate, disciplinary paradigms and themes. This program is designed specifically for students interested in a range of application domains.

The Ph.D. program leading to the Doctor of Philosophy is a research degree, providing a foundation for careers in teaching, research, operations, and administration. The purpose of the degree is to develop research and critical thinking skills. The degree has a strong pragmatic tradition, reflected in the applied nature of the college's research products over a quarter century.

Distance learning offerings in the College provide MS, MSIS and MSSE degrees and a Certificate in Healthcare Informatics that demand greater electronic access to Library resources.

The juvenile literature collection is of significant interest. The juvenile collection does not purport to be comprehensive, but rather a representative collection of children's and young adult books including both fiction and non-fiction. The collection reflects a sampling of published children's and young adult books that include the best examples of both award-winning books as well as books that represent trends within the field. The juvenile collection supports children's literature courses and is not intended to meet the needs of children and young adults in the local university community.

COLLECTION AREAS

Area: Library Science and Information Science/Children's Literature

Classes and Levels

CD 950-965	General works on the science of archives. Including general administration of archives.	Study
CD 973 .D3	Data processing	Basic
CD 973.2	Audiovisual archives	Basic
CD 974.4	Documents in machine-readable form. Electronic records. Databases.	Study
CD 986	Security measures	Basic
CD 986.5	Access to public records	Basic
CD 987-988	Study and teaching	Study
HD30.2	Knowledge Management. MIS - auditing	Research
HD30.335-30.385	Computer Networks (management)	Research
HF5548-5548.5	Information technology – Management	Research
PN1009	Children's/young adult literature	Study

PZ 5-90	Children's literature	Basic
Juvenile Collection	Across all LC classes	Basic
Q300-390	Cybernetics and Information Theory	Research
QA75-76.95	Computer Science	Research
QA267-268.5	Machine Theory	Research
QA402.5	Mathematical Programming	Research
R 119.8	Medical archives.	Study
R 858-859.7	Computer applications to medicine.	Research
	Medical informatics	
	Bioinformatics in all of its aspects.	Research
TK5105.5-5105.9	Computer Networks	Research
Z 551-656	Copyright	Research
Z 657-659	Freedom of the press. Censorship	Research
Z 662-1000.5	Libraries	Study
Z 662-664	Collections	Study
Z 665-718.8	Library science. Information science	Research
Z 668-669.7	Library education.	Research
Z 672	Library cooperation and coordination	Study
Z 674.7-674.83	Library information networks	Study
Z 675	Classes of libraries	Study
Z 675. S3	School libraries	Research
Z 675. U5	Academic libraries	Research
Z 678-678.88	Library administration and organization.	Research
	Constitution	
Z 678.89-678.892	Library service agencies	Basic
Z 678.9	Automation	Study
Z 679-680	Library buildings. Library architecture Including planning, space utilization, security, safety, lighting, etc.	Study
Z 680.3-680.6	Library communication systems	Study
Z 681-681.3	Reproduction of library materials. Storage media of library materials	Basic
Z 681.5-681.7	Trustees. Library boards, committees, etc.	Basic
Z 682-682.4	Personnel	Study
Z 683-683.5	Finance. Insurance	Study
Z 684-685	Supplies. Shelving. Bookstacks	Study
Z 686	Branches. Delivery stations. Bookmobiles	Study
Z 687-718.8	The collections. The books	Study
Z 688	Special collections	Study
Z 688.5	Processing	Study
Z 689-689.8	Acquisition (selection, purchase, gifts, duplicates)	Study

Z 690	Exchanges	Study
Z 691-692	Special classes of materials Including manuscripts, maps, microforms, serials	Study
Z 693-695.83	Cataloging	Research
Z 695.87	Printing of catalogs	Study
Z 695.9-695.94	Indexing. Abstracting	Research
Z 695.95	Alphabetizing. Filing	Basic
Z 695.98	Recataloging. Reclassification	Study
Z 696-697	Classification and notation	Study
Z 698	Shelflisting. Author notation	Basic
Z 699-699.5	Machine methods of information and retrieval. Mechanized bibliographic control	Study
Z 699.7	Physical processing. Shelf preparation	Basic
Z 700	Bookbinding	Study
Z 700.9-701.5	Preservation, conservation and restoration of books, etc.	Study
Z 702	Thefts and losses of books	Basic
Z 703.5-703.6	Moving. Disposition of books on shelves, etc. Including discarding, weeding	Study
Z 711-711.92	Reference work. Library service to special groups	Research
Z 712-714	Circulation. Loans. Charging systems	Study
Z 716-716.1	Library extension. Library commissions. Traveling libraries	Basic
Z 716.2-718.8	Libraries in relation to special topics Including libraries and community, libraries and television, children's libraries, libraries and students	Basic Basic
Z 719-725	Libraries (General)	Research
Z 729-871	Library reports. History. Statistics	Basic
Z 881-980	Library catalogs and bulletins	Minimal
Z 987-997	Private libraries. Book collecting Including bibliophilism, bookplates	Minimal
Z 998-1000.5	Booksellers' catalogs. Book prices	Minimal
Z 1001-8999	Bibliography	Basic
Z 1037-1039	Books for special classes of persons, institutions, etc.	Study
Z 1201-4980	National bibliography	Minimal
Z 1201-1946	America	Basic
Z 1215-1363	United States	Basic
Z 5051-7999	Subject bibliography	Minimal
Z 8001-8999	Personal bibliography	Minimal

ZA		
ZA 3040-5185	Information resources (General)	Study
ZA 3150-3159	Information services. Information centers	Study
ZA 3201-3250	Information superhighway	Research
ZA 4050-4750	Information in specific formats or media	Study
ZA 4050-4460	Electronic information resources	Study
ZA 4150-4390	Computer network resources	Study
ZA 4450-4460	Databases	Study
ZA 4550	Motion pictures. Video recordings	Basic
ZA 4650-4675	Pictures. Photographs	Basic
ZA 4750	Sound recordings	Basic
ZA 5050-5185	Information from specific providers	Basic
ZA 5050-5185	Government information	Study

Chronology

Emphasis is on the acquisition of current monographs and serials in both paper and electronic format.

Geographic Guidelines

None.

Languages

English is the primary language of the collection. Works in other languages are purchased at the request of faculty, with English translations being preferred when available.

Treatment

Emphasis is on journals, research monographs, graduate and upper division undergraduate texts, and key electronic databases. Electronic resources, e.g. electronic journals or monographs, appropriate for this subject area are emphasized to provide greater access to the collection for online students. Reference works, conference proceedings, technical reports, advanced or highly specialized research monographs, and dissertations are purchased selectively, with a priority given to electronic reference works in areas where online versions of reference courses are taught. Texts on general computing are purchased very selectively. Here emphasis is on the use and management systems running the most widely used operating systems such as UNIX, and Windows. Works on specific applications software are purchased as needed or requested.

MEDIA ARTS AND DESIGN SUBJECT POLICIES

ARCHITECTURE

Statement of Programs and Library Needs

The content for this section is taken from the Antoinette Westphal College of Media, Arts & Design website:

http://www.drexel.edu/academics/comad/areas_of_study/undergraduate/architecture/

Drexel's Department of Architecture curriculum is designed to encompass foundation courses in the physical and social sciences and the humanities, and professional architecture courses to prepare students for the various career opportunities in architecture and related fields. Drexel offers two routes to obtaining a Bachelor of Architecture degree: a two + four option and a part-time evening option.

The two+four option is an accelerated route leading to a Bachelor of Architecture degree including four years of professional work experience. In this program, the first two years of full-time course work address the basic principles of architectural design and satisfy University core requirements in the arts and sciences. During the first two years, a student completes 101 of the 209 credits required for graduation.

Upon successful completion of the College's minimum requirements for the first two years, students begin full-time employment with part-time evening classes for the remaining four years.

The part-time undergraduate Architecture program is one of only two accredited part-time evening architectural programs in the United States, and the only one in the Delaware Valley, leading to a Bachelor of Architecture degree. Offering all evening classes, the program enables students to work full time in the architectural profession while pursuing their studies. Work experience obtained before graduation receives full or partial credit towards state licensure requirements.

COLLECTION AREAS

Area: Architecture

Classes and Levels

GT170-485	Houses, Dwellings	Study
HT165-169	City planning. Zoning	Study
N5300-7418	History of Art	Study
NA1-17	Periodicals	Study
NA21-27	Congresses, Collected Writings	Basic
NA31	Encyclopedias, dictionaries, glossaries, etc.	Study

NA40	Biography (Collective) & Directories	Study
NA50-60	Architecture (General)	Study
NA62-64	Communication of Information	Basic
NA65	Tours	Basic
NA100-130	Architecture & the state	Study
NA135-150	Architects and the law	Basic
NA190-1614	Architectural History. Historical monuments	Study
NA1995-1996	Business management for architects	Study
NA1997	Women architects	Study
NA2000-2460	Special schools	Study
NA2500	Theory , philosophy	Study
NA 2510-2540	Comprehensive works	Study
NA2541-2545	Architecture in relation to specific subjects	Study
NA2542.36	Sustainable Architecture	Study
NA2550	Works for general readers	Basic
NA2555-2563	Juvenile works	Minimal
NA2584-2599	Communication of information	Study
NA2599.5-9	Architectural criticism, biography	Study
NA2600-2635	Atlases, sketchbooks, collections of plans	Study
NA2640-2645	Specifications	Study
NA2685	Congresses	Basic
NA2695-2793	Architectural design and drawing	Study
NA2794-2817	Day lighting, color, acoustics, photogrammetry	Study
NA2835-4050	Architectural details, motives decoration, etc.	Study
NA4100-8480	Special classes of buildings	Study
NA9000-9428	Aesthetics of cities. City planning & beautification	Study
NK1700-3505	Interior Design	Study
TH1-9745	Building construction	Study
TH845-895	Architectural engineering. Structural engineering of buildings	Study
TH900-915	Construction equipment in building	Study
TH1000-1725	Systems of building construction	Study
TH2025-3000	Details in building design and construction	Study
TH3301-3411	Maintenance and repair	Study
TH4021-4977	Buildings: Construction with reference to use including public buildings, dwellings	Study
TH5011-5701	Construction by phase of the work (Building trades)	Study
TH6014-6081	Environmental engineering of buildings. Sanitary engineering of buildings	Study
TH101-6887	Plumbing and pipefitting	Study
TH7005-7699	Heating and ventilation. Air conditioning	Study
TH7700-7975	Illumination. Lighting	Study
TH8001-8581	Decoration and decorative furnishings	Study
SB469-476.4	Landscape gardening. Landscape architecture	Study

Chronology

Both current and retrospective materials are collected. All time periods are considered.

A.

B. Geographic Guidelines

International materials are collected, although emphasis is on domestic publications for materials focusing on the profession and on building construction.

C. Languages

English language materials are primarily purchased. Some non-English materials are purchased if they contain significant illustrative materials.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Primarily printed materials are collected. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

ARTS ADMINISTRATION

Statement of Program and Library Needs

The content for this section is taken from the Antoinette Westphal College of Media, Arts & Design website:

http://www.drexel.edu/academics/comad/areas_of_study/graduate/arts_administration/

One of the oldest programs in the nation, Drexel's Arts Administration Graduate Program strives to provide the highest quality education for our students by integrating management practice, theory, and practicum into the curriculum. Classes incorporate the four branches of the arts, commerce, research, and technology for a multi-disciplinary course of study. Our program emphasizes business areas such as marketing and policy development to prepare students for careers as arts managers and leaders in the field. The program also serves as a link between the arts and the community, working closely with the local and national arts and cultural organizations in research and consulting opportunities.

Students design their individual program of study in Westphal College's Arts Administration Graduate Program, with the help of an advisor, in accordance with their needs and career goals. Candidates for the M.S. in Arts Administration degree must complete 45 credits, including courses in cultural policy, strategic management, and fund development. Upon completion of their core studies, students have the opportunity to participate in an internship within the arts and cultural community. The graduate program concludes with the presentation of the students' graduate theses in either a research topic of choice or a case study related to their internship experience.

In addition to the Library of Congress classes noted below, materials pertaining specifically to the management and marketing of nonprofits are sought and collected.

COLLECTION AREAS

Area: Arts Administration

Classes and Levels

H62 – 62.5	Social Sciences – research	Study
H 96 – 97	Public Policy	Study
HD58.7-58.95	Organizational behavior, change and effectiveness. Corporate culture	Study
HD59-59.6	Public relations. Industrial publicity	Study
HD60-60.5	Social responsibilities. Corporate and social policies	Study
HD62.2-62.8	Management of special enterprises	Study
HD66	Work groups. Team work in industry.	Study
HD 2745	Boards	

HF5410-5417.5	Marketing. Distribution of products	Study
HF5546-5548.6	Office organization and management	Study
HF5548.7-5548.85	Industrial psychology	Study
HF5549-5549.5	Personnel management. Employment Management	Study
HF 5601 – 5689	Accounting. Bookkeeping	Study
HM 131-134	Association. Mutuality. Social groups <i>Including interpersonal relations, small groups, group dynamics</i>	Study
HM 251-291	Social psychology <i>Including public opinion, communication,</i>	Study
KF 1303 Z9	Nonprofit organizations – law and legislation – United States	Study
N8700-9165	Art and the state. Public art.	Study
NX1-820	Arts in general. <i>Including works dealing with two or more of the fine arts media, i. e. literature, performing arts, and the visual arts.</i>	Study
NX700-750	Patronage of the arts	Study
NX760-770	Administration of the arts	Research
NX775-777	Voluntarism in the arts	Study
NX798-820	Arts centers and facilities	Study

Chronology

Primary emphasis is on current materials for the business aspects of the discipline. Both current and retrospective materials are collected for those supporting the arts.

Geographic Guidelines

Primary emphasis is on materials from the United States. Significant works from other areas of the world are also considered.

Languages

English language materials are purchased almost exclusively.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple Copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

DESIGN AND MERCHANDISING

Statement of Program Needs and Library Needs

*The content for this section is taken from the Antoinette Westphal College of Media, Arts & Design website:
http://www.drexel.edu/academics/comad/areas_of_study/undergraduate/design_merchandising/*

The Design & Merchandising program at Drexel University prepares students for the challenges of the business and design world. Students learn to create, merchandise, market, promote and distribute fashion, design and related products. The D&M program through study in the US and abroad, provides students with the skills to become leaders and adapt to an ever-changing world.

The program caters to the individual needs of our students as they prepare for the exciting field of fashion and product merchandising. Creative development and technical coursework are balanced with business classes and professional experience to form a solid career foundation. Design and Merchandising students may specialize in Visual Arts, Product Development, Merchandising, Retail Management, Marketing, Economics, and Computer Graphics. For more focused post-graduate plans, students may also choose to concentrate in one particular area of their specialization such as Retail Buying and Merchandising, Product Development, Marketing, or Business.

COLLECTION AREAS

Area: Design and Merchandising

Classes and Levels

GT500-2300	Costume, dress, fashion	Study
HD9940-9969	Manufacturing- Clothing. Apparel	Study
HD9970	Personal consumption goods	Study
HF5416-5439	Marketing. Distribution of goods	Research
HF 5845	Display of Merchandise	Study
N5300-7418	History of art	Study
NC1-1940	Drawing. Design. Illustration	Study
NC997-1003	Commercial art. Advertising art	Study
TT490-695	Clothing manufacture. Garment Industry	Study
TT502	Fashion shows, exhibitions, etc.	Study
TR679	Fashion photography	Study
TR690.4	Advertising photography	Study

Chronology

Primary emphasis is on current materials for the business aspects of the discipline. Both current and retrospective are collected for those supporting design.

Geographic Guidelines

International materials are collected, although emphasis is on domestic publications for materials focusing on business.

Languages

English language materials are purchased almost exclusively.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple Copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

DIGITAL MEDIA

Statement of Program and Library Needs

The content for this section is taken from the Antoinette Westphal College of Media, Arts & Design website:

http://www.drexel.edu/academics/comad/areas_of_study/undergraduate/digital_media/

The Digital media program at Drexel embraces the latest digital technologies that surround our everyday lives: visual effects in blockbuster movies; MP3 content; motion graphics and interfaces on Web sites and DVDs to name just a few. Digital media is all around us, in constant flux. Drexel's interactive program in Digital Media lays the foundation upon which students may launch exciting careers and become pioneers in the next generation of the digital world.

Integrating traditional design techniques and cutting-edge new technologies, the Digital Media program is designed to educate creative innovators and visual problem solvers in areas of theory and practice. Upon receiving a foundation in basic design, art history and liberal arts in the freshman year, students may choose from a broad range of subjects in subsequent years including graphic design, digital still imaging, film and video, computer programming, and human-computer interaction. Concurrently, professional studio workshops in 3D modeling, animation, multimedia interactivity and visual effects provide hands-on instruction and practical application of concepts. The popular program offers a 4-year B.S. degree, a 2-year M.S. degree and an accelerated 5-year B.S./M.S. degree option.

COLLECTION AREAS

Area: Digital Media

Classes and Levels

GV1469.3	Video games	Study
QA76.5-76.95	Electronic computers. Computer science	Study
QA76.75-76.765	Computer software	Study
N5300-7418	History of art	Study
NC1700	Animation	Study
NC997-1003	Commercial art. Advertising art	Study
ND 25-3416	Painting	Study
PN1560-1590	The Performing Arts, Show Business	Study
TK6680.5	Digital video	Study
TK6681	Video game equipment	Basic
TK6685	Video discs and video disc equipment	Basic
TK6687	Interactive video	Study
TR1-195	Photography, General. History.	Study
TR196-285	Materials, supplies, etc.	Study

TR287-500	Photographic processing. Darkroom technique	Study
TR504-508	Transparencies. Diapositives	Basic
TR510-545	Color photography	Study
TR550-581	Studio and laboratory	Study
TR590-620	Lighting	Study
TR624-835	Applied photography <i>Including artistic, commercial, medical photography, photocopying processes</i>	Study
TR845-899	Cinematography. Motion pictures	Study
TR925-1050	Photomechanical processes	Basic
Z286	Digital publishing	Study

Chronology

Primary emphasis is on current materials for technological areas. Both current and retrospective materials are collected in all other areas of the discipline.

Geographic Guidelines

International materials are collected, although emphasis is on domestic publications for materials focusing on business.

Languages

English language materials are primarily purchased. Some non-English materials are purchased if they contain significant illustrative material.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs and Video Games are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

SCREENWRITING AND PLAYWRITING

Statement of Program and Library Needs

The content for this section is taken from the Antoinette Westphal College of Media, Arts & Design website:

http://www.drexel.edu/academics/comad/areas_of_study/undergraduate/screenwriting_playwriting/

The Westphal College Screenwriting & Playwriting Program is designed to guide and prepare students in their pursuit of a writing career for the stage or the screen. Emphasizing both a deep understanding of the principals of dramatic writing and a practical, hands-on approach to instruction, Drexel's program arms its graduates with the skills, experience and confidence to lead the industry and gain an edge in a growing, yet competitive, field.

In their courses, students first acquire the essential skills of dramatic story telling, then apply this knowledge to the creation of scripts that conform to professional standards. Students meet and interact with successful, working artists in the entertainment industry, and learn first-hand about real world industry requirements. In addition, Drexel's pioneering co-op affords hands-on experience in the field. Perhaps the most important skill Screenwriting and Playwriting students acquire at Drexel is the life-long process of accumulating a writer's capital-- the tools of the mind with which they'll see and hear the world, spin from reality and imagination, and compellingly tell these stories.

In addition to the Library of Congress classes noted before, biographies of notable screenwriters are sought and collected. A heavy emphasis is on collecting scripts.

COLLECTION AREAS

Area: Screenwriting and Playwriting

Classes and Levels

PN1600-3307	Drama	Study
PN1635-1650	Relation to, and treatment of, special subjects	Study
PN1660-1693	Technique of dramatic composition	Study
PN1720-1861	History	Study
PN1865-1988	Special types of drama	Study
PN1990-1992.92	Broadcasting	Study
PN1991-1991.9	Radio broadcasts	Study
PN1992-1992.92	Television broadcasts	Study
PN1992.93-19 92.95	Nonbroadcast video recordings	Study
PN1993-1999	Motion pictures	Study
PN1997-1997.85	Plays, scenarios, etc.	Study
PN2000-3307	Dramatic representation. The theater	Study

PN2055-2081	Art of acting	Study
PN2085-2091	The stage and accessories	Basic
TK5101-6720	Telecommunication <i>including telegraphy, telephone, radio, radar, television</i>	Study
TR845-899	Cinematography. Motion pictures	Study

Chronology

Primary emphasis is on current materials for the business aspects of the discipline. Both current and retrospective materials are collected for those supporting dramatic writing.

Geographic Guidelines

Primary emphasis is on materials from the United States. Significant works from other areas of the world are also considered.

Languages

English language materials are purchased almost exclusively.

Treatment

Monographs, scripts and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

FASHION DESIGN

Statement of Program and Library Needs

The content for this section is taken from the Antoinette Westphal College of Media, Arts & Design website:

http://www.drexel.edu/academics/comad/areas_of_study/undergraduate/fashion_design/

Drexel's Fashion Design program is nationally recognized as a top-flight program. The rigorous curriculum consists of a unique six-month Co-op experience that complements coursework in conceptual design, presentation skills, CAD, and manufacturing procedures. The curriculum covers all facets of fashion design, from men's, women's and children's wear, to swimwear and couture—and prepares students for careers in fashion design, styling, advertising, and computer-aided and technical design. Small studio classes simulating the professional world are the core of a student's education, with final critiques by practicing designers.

In addition to coursework, students explore and participate in the vibrant fashion community. Each year, Fashion Design students submit their designs to national and international competitions. A study abroad program at the London College of Fashion during sophomore year offers an international perspective of the fashion world. Students conclude their studies senior year with the presentation of their collection in the Drexel Fashion Show, a high caliber event featuring professional models and prominent local media coverage.

The graduate program combines a broad understanding of design concept, context and theory with hands-on technical skill in the design and construction of clothing. The goal is for students to learn how to develop products that answer physical, aesthetic, psychological, and social needs within the contemporary fashion context and in consideration of industrial limitations. This integrative approach provides a well-rounded foundation for a broad range of employment opportunities in the fashion industry, as well as in related areas of education, retailing, costume design and curatorial work with historic clothing and textiles.

COLLECTION AREAS

Area: Fashion Design

Classes and Levels

GT 500-2370	Costume. Dress. Fashion.	Study
N5300-7418	History of art	Study
NK8800-9505.5	Textile arts and art needlework	Study
TR1-1050	Photography	Study
TT1-12	Handicraft (periodicals, directories, encyclopedias)	Minimal

TT15-127	Handicrafts by country	Minimal
TT139-192	Misc. Handicraft	Minimal
TT270-273	Stencil cutting, silkscreen & textile printing	Basic
TT288	Bone & Horn craft	Minimal
TT290	Leatherwork	Basic
TT490-695	Clothing manufacture. Dressmaking. Tailoring	Study
TT697-927	Home arts. Homecrafts Including sewing, embroidery, decorative crafts	Study

Chronology

Both current and retrospective materials are collected. All time periods are considered.

Geographic Guidelines

International materials are collected, although emphasis is on domestic publications for materials focusing business.

Languages

English language materials are primarily purchased. Some non-English materials are purchased if they contain significant illustrative material.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

FILM AND VIDEO

Statement of Programs and Library Needs

The content for this section is taken from the Antoinette Westphal College of Media, Arts & Design website:

http://www.drexel.edu/academics/comad/areas_of_study/undergraduate/film_video/

Students in the Film and Video Department begin producing digital films in their freshman year and continue to produce right through to their final senior projects. In addition to video and 16mm film, interdepartmental courses expand minds and cultivate the voices of the newest generation of filmmakers. A highly competitive program, only fifty freshmen are accepted annually. This enables smaller classes that foster student-faculty interaction and mentoring, as well as ample access to equipment. The unique Drexel Co-op enhances the learning experience by providing students with professional employment experience.

COLLECTION AREAS

Area: Film and Video

Classes and Levels

PN1560-1590	The performing arts. Show business	Study
PN1585-1589	Centers for the performing arts	Study
PN1600-3307	Drama	Study
PN1635-1650	Relation to, and treatment of, special subjects	Study
PN1660-1693	Technique of dramatic composition	Study
PN1720-1861	History	Study
PN1865-1988	Special types of drama	Study
PN1990-1992.92	Broadcasting	Study
PN1991-1991.9	Radio broadcasts	Study
PN1992-1992.92	Television broadcasts	Study
PN1992.93-19 92.95	Nonbroadcast video recordings	Study
PN1993-1999	Motion pictures	Study
PN1997-1997.85	Plays, scenarios, etc.	Study
PN2085-2096	The stage and accessories	Study
TK4399	Lighting	Study
TK5101-6720	Telecommunication	Study
TK7882	Sound	Study
TR845-899	Cinematography. Motion pictures	Study

Chronology

Primary emphasis is on current materials for the business aspects of the discipline. Both current and retrospective materials are collected for those supporting the history of film.

Geographic Guidelines

International materials are collected, although emphasis is on domestic publications for materials focusing on business.

Languages

English language materials are primarily purchased. Non-English films are purchased.

Treatment

Monographs, DVDs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs are actively purchased in order to build a comprehensive film library, as well as at the request of faculty. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

GRAPHIC DESIGN

Statement of Programs and Library Needs

The content for this section is taken from the Antoinette Westphal College of Media, Arts & Design website:

http://www.drexel.edu/academics/comad/areas_of_study/undergraduate/graphic_design/

The Graphic Design program at Drexel prepares students to inform, persuade and entertain through the creative use of word and image. Graphic design students learn to conceptualize, design and produce visual communication in all sorts of media, including books, magazines, posters, ads, packaging, Web sites, interactive media, information systems, exhibition design, motion graphics and more. Students use this work to develop an expansive portfolio of their work for future employment.

Through a balance of traditional, technical artistic studies and foundation coursework in humanities and social sciences, the Westphal College Graphic Design curriculum helps students develop a sophisticated approach to creative problem-solving and hone skills in typography, image generation, corporate identity, information graphics, three-dimensional design and motion graphics. Working in both two- and three- dimensional projects, students utilize the latest electronic applications and emerging technologies to stay current with the industry.

COLLECTION AREAS

Area: Graphic Design

Classes and Levels

HD59-59.6	Public relations. Industrial publicity	Study
NC1-725	Drawing in general. History of drawing	Study
NC730-757	Technique	Study
NC760-825	Special Subjects of drawing	Study
NC850-930	Graphic art materials. Conservation	Study
NC950-995.8	Illustration	Study
NC997-1280	Commercial art. Advertising art	Study
NC1300-1890	Caricature. Pictorial humor and satire	Basic
NC1920-1940	Posters	Study
NE1-3002	Print media	Study
NK1160-1678	Decoration and ornament. Design.	Study
TS195-199	Packaging design	Study
Z 116-659	Book industries and trade	Minimal
Z 116.A2	Treatises on the modern printed book	Minimal
Z 116.A3	Book design	Study
Z 116.A5-265.5	Printing	Study
Z 124-228	History	Study

Z 231-232	Printers and printing establishments	Basic
Z 235-236	Printer's marks, mottoes, etc.	Minimal
Z 237	Paper. Watermarks, etc.	Basic
Z 240-241.5	Incunabula. Block books	Minimal
Z243-265	Including broadsides, playing cards Practical printing. Computerized typesetting	Study
Z278-549	Including printing as a business, layout, paper and ink, machinery, type and type founding, electrotyping, desktop publishing, typesetting, presswork	Minimal
Z 266-276	Bookselling and publishing. Desktop publishing. Bookbinding. Book decoration	Study

Chronology

Both current and retrospective materials are collected. All time periods are considered.

Geographic Guidelines

International materials are collected, although emphasis is on domestic publications for materials focusing on business.

Languages

English language materials are primarily purchased. Some non-English materials are purchased if they contain significant illustrative material.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

INTERIOR DESIGN

Statement of Program and Library Needs

The content for this section is taken from the Antoinette Westphal College of Media, Arts & Design website:

http://www.drexel.edu/academics/comad/areas_of_study/undergraduate/interior_design/

Drexel's undergraduate Interior Design program offers exciting opportunities for the study of interior design within the multi-disciplinary learning environment of the Antoinette Westphal College of Media, Arts & Design. Through academics grounded in problem-solving design studios, cooperative employment and dedicated faculty; the Interior Design program prepares students for leadership positions in the interior design industry. Within the context of increasingly more complex design projects, the behavioral, technological and aesthetic aspects of interior design are explored. Combined with visual studies and general education requirements, a core of interior design courses creates a unique education at the forefront of design. To prepare for increasingly international career options, upper-level students may choose to participate in the Drexel in London Program or other study abroad options. The Drexel Interior Design program is accredited by the Council for Interior Design, and is a first professional degree program.

The Master of Science program in Interior Design at Drexel is an internationally renowned professional MS degree program that prepares students of diverse undergraduate backgrounds to enter the field of Interior Design. Through an integrated studio approach, graduate coursework applies design concepts, technical information and hands-on skills to the design of a range of public, commercial, residential and institutional spaces. Students learn to design interiors that answer aesthetic, social, physical and psychological needs. The program has a focus on sustainable design, human behavior and environment, and environmental psychology.

COLLECTION AREAS

Area: Interior Design

Classes and Levels

GE195.7	Environmental responsibility	Study
GF1 – 900	Human ecology	Study
GF51 – 71	Human beings – effect of environment on	Study
GT170-485	Houses, Dwellings	Study
HM621-656	Sociology, Culture	Study
HM861	Social ecology	Study
HM1001-1281	Sociology, Social psychology	Study
N5300-7418	History of art	Study
NA190-1614	Architecture history. Historical monuments	Study
NA2541-2545	Architecture in relation to specific subjects	Study

NA2542.36	Sustainable architecture	Study
NA2542.4	Human factors and architecture	Study
NA2695-2793	Architectural design and drawing	Study
NA2835-4050	Architectural details, motives, decoration, etc.	Study
NA4100-8480	Special classes of buildings	Study
NK1-9955	Decorative arts. Applied arts. Decoration and ornament. Including antiques in general	Study
NK1700-3505	Interior decoration. House decoration	Study
NK3600-9955	Other arts and art industries	Study
NK3700-4695	Ceramics. Pottery. Porcelain	Study
NK4997-6060	Enamel. Glass. Glyptic arts	Basic
NK6400-8459	Metalwork Including armor, jewelry, plate, brasses, pewter	Basic
NK8800-9505.5	Textile arts and art needlework	Study
NK9600-9955	Woodwork. Including carvings, fretwork, inlaying	Study
RA960-1000.5	Medical centers. Hospitals. Dispensaries. Clinics Including ambulance service, nursing homes, hospices	Study
TR1-1050	Photography	Study
TR590-620	Lighting	Study
TR624-835	Applied photography. Including artistic, commercial, medical photography, photocopying processes	Study
TT194-200	Furniture	Study
TT201-270	Lathework, Metalwork, Ironwork	Minimal
TT273	Screen process work. Silk/textile printing	Basic
TT295-297	Cement, plaster, rock & plastic craft	Minimal
TT298	Glass craft	Basic
TT299-386	Painting, varnishing, gilding, enameling	Minimal
TT387-410	Soft home furnishings. Including curtains, drapes, Bedspreads	Basic
TT730-899	Textile arts and crafts	Study

Chronology

Both current and retrospective materials are collected. All time periods are considered

Geographic Guidelines

International materials are collected, although emphasis is on domestic publications for materials focusing on the profession.

Languages

English language materials are primarily purchased. Some non-English materials are purchased if they contain significant illustrative material.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

PERFORMING ARTS

Statement of Program and Library Needs

The Department of Performing Arts offers a Bachelor of Science program in Music Industry and minors in Dance and Theatre.

The minors in dance and theatre are designed to allow students from other departments and colleges to pursue the advanced study of the performing arts within the context of their major field or interest. Course offerings for students minoring in these areas include: Modern dance technique, 20th century dance, rhythmic study for dance; choreography/solo composition; introduction to music; theatre production; dance practicum; play direction; acting; and theatre practicum.

The content for this section is taken from the Drexel University Catalog, 2005/2006:

The music industry curriculum is divided into three areas which are combined with co-operative experience: general education, music core, and music industry.

In an industry where the process of career building often begins with a few key contacts, the co-operative education program provides Drexel students the chance to begin meeting people and networking. The program prepares students for employment in the music industry in such diverse positions as recording engineer, sound engineer, sound designer, music lawyer, business manager, personal manager, and music publisher. By working in various aspects of the industry, the co-op experience involves two three-month periods of full-time career-related employment, where students gain valuable insight into how the entertainment industry works.

The music industry program of study combines mastery of the art form with practical preparation for employment. The major offers a distinctive range of specializations and areas of concentration including business and law, and technology and production. Each student chooses from among these options to build an individual program of study that can be focused toward a specific career goal.

The curriculum combines four distinct features: (1) the continued study of music; (2) liberal studies courses that include mathematics, science, the arts, humanities, and social sciences; (3) completion of a specialization; and (4) a concentration which adds a specific, career-oriented focus to the program.

COLLECTION AREAS

Area: Performing Arts

Classes and Levels

GV1580-1799	Dancing	Study
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M6-1490	Instrumental Music	Basic
M1495-5000	Vocal Music	Basic
ML1-3930	Literature of Music	Study
ML159-3799	History and Criticism	Study
ML3790	Music Trade – General works	Study
ML3792	Individual record companies and labels	Study
ML3795	Music as a profession. Vocational guidance	Study
ML3800-3923	Philosophy and Physics of Music	Basic
ML3928-3930	Juvenile Literature	Minimal
MT1-960	Musical Instruction and Study	Study
PN1560-1590	The Performing Arts, Show Business	Study
PN1600-3307	Drama	Study
PN1660-1693	Dramatic Composition	Study
PN1865-1999	Special Types of Drama	Study
PN2000-3307	Dramatic Representation, The Theater	Study
Q300-390	Cybernetics	Basic
QC 221-246	Acoustics, Sound	Study
TK800-8360	Electronics	Study
TK7885-7895	Computer Engineering, Hardware	Study

Chronology

Both current and retrospective materials are collected. All time periods are considered.

Geographic Guidelines

International materials are collected, although emphasis is on domestic publications for materials focusing on business.

Languages

English language materials are purchased almost exclusively.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively. Musical scores and sheet music are not collected, unless they are available in an electronic web-accessible database.

Formats

Both print and electronic materials are purchased. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple Copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

PHOTOGRAPHY

Statement of Programs and Library Needs

The photography major provides students with a unified fine arts/professional curriculum offering a wide range of studio, real-world, and academic experiences--intermixed with ongoing critiques and evaluation--including the studio, the darkroom, and the computer. The major prepares students to understand photography as a system of visual communication with its foundations in an ever-changing technology. Graduates may be employed in a variety of photo-related businesses, or choose to go on to advanced studies.

Courses for the photography major include: Art history, design, drawing, painting, multimedia (performance, space and materials), video production, history of photography, documentary photography, professional studio practices, computer imaging techniques, analysis and evaluation, and photographic materials and processes. Special technique courses include: Large format/fine B&W print, color photography, photographic fine arts, and photographic reading and consultation.

COLLECTION AREAS

Area: Photography

Classes and Levels

N1-390	Visual arts. General. Theory. Philosophy	Study
N5300-7418	General works. History of art	Study
N7429.7-7433	Technique, composition, style, etc.	Study
N7475-7483	Art criticism	Study
N7575-7624.5	Portraits	Study
N8600-8675	Economics of art	Study
NC1-1940	Drawing. Design. Illustration	Study
ND25-3416	Painting	Study
ND1290-1460	Special subjects <i>Including human figure, landscapes, animals, still life, flowers</i>	Basic
NE1-3002	Print media	Basic
TR1-195	Photography, General. History.	Study
TR196-285	Materials, supplies, etc.	Study
TR287-500	Photographic processing. Darkroom technique	Study
TR504-508	Transparencies. Diapositives	Basic
TR510-545	Color photography	Study
TR550-581	Studio and laboratory	Study
TR590-620	Lighting	Study
TR624-835	Applied photography <i>Including artistic, commercial, medical</i>	Study

TR845-899	photography, photocopying processes Cinematography. Motion pictures	Study
TR925-1050	Photomechanical processes	Basic

Chronology

Primary emphasis is on current materials for the business aspects of the discipline. Both current and retrospective are collected for those supporting photo history and artistic photography.

Geographic Guidelines

International materials are collected, although emphasis is on domestic publications for materials focusing on business.

Languages

English language materials are primarily purchased. Some non-English materials are purchased if they contain significant illustrative material.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

TELEVISION MANAGEMENT

Statement of Programs and Library Needs

The content for this section is taken from the Drexel University Catalog, 2005/2006:

The joint degree requires 76 credits, consisting of a combination of graduate business courses and television management courses. In the first year, students take a one-credit "Television Management Colloquium" course each term that helps establish the relationship between the business courses and the specifics of the television industry. Starting in the summer term of the first year and continuing through the second year, students take a one-credit "Television Management Practicum" course, which provides hands-on management experience at DUTV or other stations in the area.

For television stations, cable stations, networks, and other facets of the television/cable industry, this program will provide highly-qualified management material—executives who not only have MBA degrees, but who also know the practice of the television industry. Graduates of this program will also have a broad intellectual and theoretical education to draw upon in order to make informed, innovative, and astute decisions.

COLLECTION AREAS

Area: Television Management

Classes and Levels

HE7601-8700.9	Telecommunication industry. Telegraph	Research
HE8689-8700.95	Radio and television broadcasting	Research
HE8701-9680.7	Telephone industry	Study
HE9713-9715	Cellular telephone services industry. Wireless telephone industry	Study
HE9719-9721	Artificial satellite telecommunications	Study
HF5801-6182	Advertising	Study
P87-96	Communication. Mass media	Research
P95-95.6	Oral communication. Speech	Basic
PN1560-15990	The performing arts. Show business	Study
PN1990-1992.92	Broadcasting, including radio and television	Research
PN4699-5650	Journalism	Basic
TK5101-6720	Telecommunication	Basic

Chronology

Primary emphasis is on current materials for the business aspects of the discipline.

Both current and retrospective materials are collected for those supporting the history of television and broadcasting.

Geographic Guidelines

Primary emphasis is on materials from the United States. Significant works from other areas of the world are also considered.

Languages

English language materials are purchased almost exclusively.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple Copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

VISUAL STUDIES

Statement of Programs and Library Needs

The Visual Studies Department provides the foundation coursework required of all students in Design and Merchandising, Digital Media, Fashion Design, Film and Video, Graphic Design, Interior Design, Photography, and Screenwriting and Playwriting. These foundation subjects typically include History of Art, Design, Multimedia, Drawing, Painting, Photography, and Sculpture . As of Fall 2005, a minor in Art History is also offered by the department.

Area: Visual Studies

Classes and Levels

N1-58	Visual Arts, General	Study
N61-72	Theory. Philosophy. Aesthetics of the visual arts	Study
N400-3990	Art museums, galleries, etc.	Basic
N4390-5098	Exhibitions	Study
N5300-7418	History	Study
N7420-7525.8	General works	Study
N7560-8266	Special subjects of art	Basic
N8350-8356	Art as a profession. Artists	Basic
N8510-8553	Art studios, materials, etc.	Basic
N8554-8585	Examination and conservation of works of art	Minimal
N8600-8675	Economics of art	Basic
NB1 – 1952	Sculpture	Study
NC1-1940	Drawing. Design. Illustration	Study
ND25-3416	Painting	Study
NE1-3002	Print media	Study
NX1-820	Arts in general	Study

Chronology

Both current and retrospective materials are collected. All time periods are considered.

Geographic Guidelines

International materials are collected.

Languages

English language materials are primarily purchased. Some non-English materials are purchased if they contain significant illustrative material.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

ENTERTAINMENT AND ARTS MANAGEMENT

Statement of Program and Library Needs

The content for this section is **edited** from the Antoinette Westphal College of Media, Arts & Design website:

http://www.drexel.edu/academics/comad/areas_of_study/graduate/arts_administration/

The Entertainment and Arts Management (EAM) is an undergraduate program that prepares students for becoming entertainment and arts professionals who can combine both management and leadership skills with a thorough understanding of art, entertainment, and media production. Students choose an area of concentration in media management, performing arts management, or visual arts management. Students are not required to choose a nonprofit or for-profit focus. Possible future careers include: artistic or creative director, concert and live events manager, curator, grant writer, marketing coordinator, production and development executive, promoter, publicist, and talent agent. Coursework in the EAM program includes general education and core requirements as well as specialized coursework within the student's chosen area of concentration and, if applicable, within a specific arts or media discipline. The Core Curriculum includes:

- Accounting for Nonprofit Organizations
- Copyrights and Trademarks
- The Entertainment Publishing Industry
- Law and Contracts for EAM Managers
- Microeconomics and Macroeconomics
- Overview Course: Entertainment and Arts Management
- Promotion, Press, and Publicity
- Strategic Management for EAM Managers

COLLECTION AREAS

Area: Entertainment and Arts Management

Classes and Levels

GV1 - 1860	Recreation. Leisure	Study
GV181.35-181.6	Recreation Leadership. Administration of Recreation service	Study
GV1469.3	Video games	Basic
KD5597.A3	Admission to entertainment. Amusement	Study
KF195.E58	Entertainment law	Basic
KF299.E57	Entertainment law. Performing arts	Basic
KF1411-1485	Copyrights	Basic
KF3091-3095	Patent law and trademarks	Basic
KK7180T73	Travel and entertainment	Basic
ML3790	Music Trade – General works	Study

ML3792	Individual record companies and labels	Study
ML3795	Music as a profession. Vocational guidance	Study
NX1-820	Arts in general	Study
NX220	Arts audiences	Study
NX700-750	Patronage of the arts	Study
NX760-770	Administration of the arts	Study
NX798-820	Arts centers and facilities	Study
P87-96	Communications. Mass Media	Study
PN1560-1590	The performing arts. Show business	Study
PN1580	Performing arts as a profession	Study
PN1585-1589	Centers for the performing arts	Study
PN1990-1992.92	Broadcasting	Study
PN1991-1991.9	Radio broadcasts	Study
PN1992-1992.92	Television broadcasts	Study
PN1993-1999	Motion Pictures	Basic
PN2000-3307	Dramatic representation. The theater	Study
TK5101-6720	Telecommunication	Study
TK6680.5	Digital video	Study
TK6681	Video game equipment	Basic
TK6685	Video discs and video disc equipment	Basic
TK6687	Interactive video	Basic

Chronology

Primary emphasis is on current materials for the business aspects of the discipline. Both current and retrospective materials are collected for those supporting the arts.

Geographic Guidelines

Primary emphasis is on materials from the United States. Significant works from other areas of the world are also considered.

Languages

English language materials are purchased almost exclusively.

Treatment

Monographs and serials are purchased primarily. Other materials, including but not limited, to bibliographies, conference proceedings, transactions, or anthologies are considered selectively.

Formats

Both print and electronic materials are purchased. DVDs are purchased selectively, usually at the request of faculty for teaching purposes. Electronic indexes and reference sources are preferred to print versions. Electronic journals and other resources in this format will be acquired based on availability and appropriateness.

Multiple Copies

Additional copies of materials are acquired only if demand or a faculty request warrants.

SCIENCE SUBJECT POLICIES

BIOSCIENCE AND BIOTECHNOLOGY

Statement of Programs and Library Needs:

The Department of Bioscience and Biotechnology offers a program leading to B.S., M.S. and Ph.D. degrees. The Nutrition Center offers a certification program on nutrition. Graduate programs offer specializations in Molecular Sciences, Environmental Science, Ecology, Molecular Ecology and Nutrition & Foods.

Department research programs emphasize molecular genetics, and genetic engineering, gene regulation during development, membrane biochemistry, molecular biology of bacteria and plants, environmental physiology, biophysical and physiological ecology, and the impact of ecological changes in the environment due to man. Environmental Science faculty from the former School of Environmental Science, Engineering and Policy merged into the department of Bioscience and Biotechnology.

There is naturally overlap with Health Sciences and some materials are added to support students frequenting both campuses (i.e. course reserves), or in support of programs operating on the UC campus.

COLLECTION AREAS

Area: Bioscience and Biotechnology

Classes and Levels

QD 430-436	Protein Science Research	Research
QH 001-300	Natural History (general)	Study
QH 301-343	Biology (general)	Study
QH 345	Biochemistry	Research
QH 426-470	Genetics	Research
QH 471-489	Reproduction	Study
QH 501-531	Life (Biophysics)	Research
QH 540-549	Ecology	Research
QH 573-671	Cytology	Study
QK 1-989	Botany	Study
QK 640-673	Plant Anatomy	Study
QK 710-899	Plant Physiology	Study
QK 900-989	Plant Ecology	Research
QL 1-991	Zoology (animal anatomy)	Research
QL 750-795	Animal behavior and psychology	Minimal
QL 799	Morphology	Study

QL 801-950.9	Anatomy	Study
QL 951-991	Embryology	Study
QL 1-695	Human Anatomy	Study
QL 601-695	Human Embryology	Study
QP 1-981	Physiology	Research
QP 501-801	Animal Biochemistry	Study
QP 550-625	Organic Substances (incl proteins, amino and nucleic acids)	Research
QP 901-981	Experimental Pharmacology	Basic
QR 1-500	Microbiology	Research
QR 75-99	Bacteria	Research
QR 180-189.5	Immunology	Research
QR 355-500	Virology	Research
R 5-920	Medicine (General)	Basic
R 735-847	Medical Education	Basic
R 895-920	Medical Physics	Basic
RA 421-790.85	Public Health. Hygiene. Preventive Medicine	Basic
RA 791-954	Medical Geography, Climatology and Meteorology.	Minimal
RA 960-999	Medical Centers. Hospitals. Clinics.	Minimal
RA 1001-1171	Forensic Medicine	Minimal
RA 1190-1270	Toxicology	Research
RB 1-214	Pathology	Basic
RC 31-1245	Internal Medicine. Practice of Medicine	Minimal
RD 1-811	Surgery	Minimal
RE 1-994	Ophthalmology	Minimal
RF 1-547	Otorhinolaryngology	Minimal
RG 1-991	Gynecology and obstetrics	Minimal
RJ 1-570	Pediatrics	Minimal
RL 1-803	Dermatology	Minimal
RM 1-931	Therapeutics. Pharmacology. (except Diet Therapy)	Minimal
RS 1-441	Pharmacy and materia medica	Minimal
RT 1-120	Nursing	Minimal
RZ 201-999	Other systems of Medicine	Minimal
S 1-954	Agriculture (General)	Basic
S 583-589.6	Agricultural Chemistry and Physics	Basic
S 590-599.9	Soils	Study
S 622-627	Soil Conservation	Study
S 631-667	Fertilizers and soil improvement	Study
S 900-954	Conservation of natural resources	Study
S 950-954	Land Conservation	Study
SB 1-1110	Plant Culture	Basic
SD 1-668	Forestry	Basic
SF 1-1100	Animal Culture	Basic
SH 1-691	Aquaculture. Fisheries. Angling	Minimal

SK 1-579

Hunting

Minimal

Area: Nutrition and Food Science

Classes and Levels

K 3926	Food Processing Industries (Regulation)	Study
QP 141-185	Physiology. Nutrition	Research
QP 981	Physiology. Food Preservatives	Research
QR 115	Microbiology. Food	Research
RM 214-258	Diet Therapy	Study
TP 368-465	Food Processing and Manufacture	Research
TP 500-659	Fermentation Industries	Study
TS 195-198	Packaging	Basic
TS 1950-1982	Animal Products	Study
TS 2120-2159	Cereals and Grains	Study
TX 341-535	Food Research	Research
TX 537	Food Handling	Study
TX 541-545	Food Analysis	Research
TX 553	Food Additives	Research
TX 571	Pesticide Residue	Study
TX 599-612	Food Preservation and Storage	Study

Chronology

Emphasis is placed on selection of current materials.

Geographic Guidelines

None.

Languages

English is the primary language of the collection.

Treatment

Emphasis is on upper level and graduate texts, research monographs, databases, journals and annual review type publications. Conference proceedings and general interest books are purchased selectively. Lower level texts are generally not purchased except as needed to maintain a well-rounded undergraduate collection.

Formats

Effort will be made to acquire appropriate electronic and print resources for this subject area.

Multiple Copies

Multiple copies are occasionally purchased for heavily used titles as funds permit.

CHEMISTRY

Statement of Programs and Library Needs:

The Department of Chemistry offers the B.S., the M.S., and the Ph.D. The B.S. degree is accredited by the American Chemical Society. The primary curriculum leading to the B.S. degree provides the theoretical and practical instruction in chemistry and allied fields necessary for the pursuit of graduate study in chemistry or for a career as a professional chemist. In addition, a minor in chemistry is available for students in other majors who desire a strong physical science background. Specializations in computer chemistry, analytical, inorganic, organic, physical, chemistry education, and polymer chemistry are available with the M.S. and Ph.D. programs.

Research is conducted in a wide variety of areas within these major branches: atmospheric, biological, environmental, mechanistic, theoretical, or synthetic aspects of chemistry.

Many of the department's research programs are interdisciplinary in nature. Through research projects, students and faculty maintain close ties, not only within the department, but also with other departments such as chemical engineering, materials engineering, and physics, often as co-investigators on grants.

COLLECTION AREAS

Chemistry

Classes and Levels

QC450-467	Spectroscopy	Research
QD1-66	Chemistry (General) (Education)	Research
QD71-142	Analytical Chemistry	Research
QD146-199	Inorganic Chemistry	Research
QD241-441	Organic Chemistry	Research
QD450-731	Physical & Theoretical Chemistry	Research
QD901-951	Crystallography	Study
QP530-600	BioInorganic	Research

Chronology

Emphasis is on the acquisition of current imprints; however, a strong retrospective collection is maintained.

Geographic guidelines

Emphasis chiefly is on materials published in the United States or Europe. However, since the discipline of chemistry is indeed global, all geographic areas are potentially relevant.

Languages

English is the primary language of the collection. Works in other languages are purchased at the request of faculty as funds permit, with English translations being preferred when available.

Treatment

Emphasis is on upper level and graduate texts, research monographs, databases, journals and annual review type publications. Conference proceedings and general interest books are purchased selectively. Lower level texts are generally not purchased except as needed to maintain a well-rounded undergraduate collection.

Formats

Relevant electronic databases, such as the electronic version of Beilstein and Chemical Abstracts are collected. Effort will be made to acquire appropriate electronic and printed resources for this subject area.

Multiple Copies

Multiple copies are only purchased for heavily used titles as funds permit. Newer editions of classic works are regularly purchased when they become available.

MATHEMATICS

Statement of Programs and Library Needs:

The Department of Mathematics is a broadly based academic unit offering instructional programs and carrying on research activities in mathematics, pure and applied, and statistics. The department offers programs leading to B.S., M.S. and Ph.D. degrees. Mathematics majors prepare students for careers in industry as well as for graduate study. The Mathematics major also allows for teacher certification.

All programs are primarily intended to prepare students for employment in business, industry or government.

Areas of research specialty among faculty include applied mathematics, biostatistics, combinatorics, functional analysis, operator theory, number theory, numerical analysis, operations research, probability and statistics, special functions and matrix theory.

The collection is used by students and faculty throughout the University since research in many disciplines require mathematics.

COLLECTION AREAS

Area: Mathematics

Classes and Levels

Q300-390	Cybernetics and Information Theory	Study
QA 8-10	Mathematical Logic	Study
QA 21-35	History of Mathematics	Study
QA 36-43	General Works	Minimal
QA 47-59	Tables	Basic
QA 93-141	Popular Works and Elementary	Minimal
QA 150-272	Algebra (Matrix Algebra)	Research
QA 267-268.5	Machine Theory	Study
QA273-280	Probability, Statistics	Research
QA 281-299	Numerical Analysis	Research
QA 300-433	Analysis	Research
QA 329-330	Operator Theory	Research
QA 402.5	Mathematical Programming	Research
QA 440-699	Geometry and Topology	Research
QC 20	Mathematical Physics	Study

Chronology

Emphasis is on the acquisition of current imprints. However, classic and other retrospective materials remain very relevant in mathematics.

Geographic Guidelines

None.

Language

English is the primary language of the collection. Works in other languages are purchased at the request of faculty as funds permit, with English translations being preferred when available.

Treatment

Emphasis is on upper level and graduate texts, research monographs, journals and annual review type publications. Conference proceedings and general interest books are purchased selectively. Lower level texts are generally not purchased except as needed to maintain a well-rounded undergraduate collection. Access to web databases such as MathSciNet are supported by the library.

Formats

Effort will be made to acquire appropriate electronic and print resources for this subject area.

Multiple Copies

Multiple copies are only purchased for heavily used titles as funds permit. Newer editions of classic works are regularly purchased when they become available.

PHYSICS

Statement of Programs and Library Needs:

The Department of Physics offers the B.S., M.S., and Ph.D. degrees. At the bachelor's level, students may prepare to join the technical staffs of industries or government laboratories, or they may prepare to pursue an advanced degree. The curriculum has strong computational physics components. Students can also prepare for teacher certification requirements. The Ph.D. degree in the Department of Physics is primarily a research degree that prepares the student to be a capable researcher in his or her field. Research areas include: Nuclear and Particle Physics; Atomic and Molecular Physics; Condensed Matter Physics; Biological Physics; Environmental and Educational Physics; Atmospheric Science; and Astrophysics.

Physics is a foundation for many science and engineering courses, so the collection is heavily used by other scholars and researchers. The scope of the collection is broad, and materials are purchased for undergraduates, graduate students, and the faculty.

COLLECTION AREAS

Area: Astronomy and Physics

Classes and Levels

QB 1-139	General Astronomy	Study
QB 145-237	Practical and Spherical Astronomy	Study
QB 275-343	Geodesy	Minimal
QB 349-421	Theoretical Astronomy, Celestial Mechanics,	Research
QB 460-466	Astrophysics	Research
QB 468-480	Non-optical methods of astronomy	Study
QB 495-903	Descriptive Astronomy	Study
QB 980-991	Cosmogony and Cosmology	Research
QC 1-75	General Physics	Study
QC 81-114	Weights and Measures	Study
QC 120-168.86	Descriptive and Experimental Mechanics	Research
QC 170-197	Atomic and Solid State Physics, Quantum Theory, Relativity	Research
QC 220-246	Acoustics and Sound	Study
QC 251-338.5	Heat and Thermodynamics	Research
QC 350-467	Optics. Light	Research
QC 474-496.9	Radiation Physics (General)	Research
QC 501-766	Electricity and Magnetism	Research
QC 770-798	Nuclear and Particle Physics, Atomic Energy	Research
QC 801-809	Geophysics and Cosmic Physics	Study
QC 851-999	Meteorology and Climatology	Study
QH 505	Biophysics	Research

Chronology

Emphasis is on the acquisitions of current imprints.

Geographic Guidelines

None.

Languages

English is the primary language of the collection. Works in other languages are purchased at the request of faculty, with English translations being preferred when available.

Treatment

Emphasis is on upper level and graduate texts, research monographs, journals and annual review type publications. Conference proceedings and general interest books are purchased selectively. Lower level texts are generally not purchased except as needed to maintain a well-rounded undergraduate collection. Electronic databases such as INSPEC and electronic journal collections such as AIP or Elsevier's Science Direct are supported by the library.

Formats

Effort will be made to acquire appropriate electronic and print resources for this subject area.

Multiple Copies

Multiple copies are only purchased for heavily used titles as funds permit. Newer editions of classic works are regularly purchased when they become available.