APPENDIX ONE
Areas of Responsibility
Liaison Activities

CONTENTS

Folders for APPENDIX ONE, Areas of Responsibility

1. Image & Multimedia Collection Folder
   - CONTENTdm Collections Update 2013-2014, New Departments & New Collections
   - CONTENTdm Feedback/Input Meeting and Software Updates 2012-2013
   - CONTENTdm Collections Update 2012-2013, New Departments & New Collections
   - Evaluation of New Image Software and CONTENTdm Hosting Services
   - CONTENTdm and Special Collections Instruction for TEAC 305
   - Technical Services CONTENTdm 6.1.1 Presentation and May All Staff Presentation
   - Software Update to CONTENTdm 6.1.1 and 6.1.4
   - CONTENTdm Collections Update for 2011-2012
   - CONTENTdm Statistics
   - CONTENTdm Collection Update & New CONTENTdm Collections 2008-2009
   - CONTENTdm 6.0 Alpha and Beta Testing
   - CONTENTdm Presentation to Liaison Library Faculty
   - CONTENTdm Workflow Process
   - CONTENTdm Front Page design options
   - PR for New CONTENTdm Collections late 2009 – Government Comic Books and Educational Comic Books
   - CONTENTdm Geographical Representation of Requests for Image Use 2009-2011, and Requests for Image Use 2008-2009
   - CONTENTdm Sub-Committee – revise guidelines, develop Cdm Sample Template
   - CONTENTdm Revised Guidelines
   - CONTENTdm Sample Template
   - CONTENTdm New Powerpoint Plug-In 2009

2. Digital Initiatives Folder
   - C.Y. Thompson Library Virtual Tour for LI110 Ag 103 Section
   - Love Library Virtual Tour for LI110 Course
   - Media Services, web pages update 2009

3. Reference/Instructional Services Folder
   - Recent Love Reference Desk question via phone – my response to individual
   - QuestionPoint Survey Feedback from Love Reference Desk shifts
   - Thank You regarding MidSemester Check General Library Presentation
   - Scanning Presentation to Library faculty and staff

4. Liaison and Collection Management Responsibilities – Communication Studies Folder
   - Liaison Example of LibGuide for course Support
   - Collection Development Policies for Mathematics and Computer Science

APPENDIX ONE
Areas of Responsibility
Liaison Activities

Brief Description:

Liaison Activities, LibGuide Development for course support

My Role:

From August 2010 to August 2011, I was directly responsible for collection development and support of Communication Studies, working closely with the department chair who was at that time the Book Chair as well. Upon request from Communication Studies faculty, I provided specific library instruction tailored to course assignments. In addition, I created research resources such as a LibGuides page that highlights the appropriate resources applicable in assisting students with their research in Communication Studies and successful assignment completion. I asked for faculty input and contribution in terms of content support from what they find as acceptable web resources to include and work from provided syllabi. I then provided the faculty member with the LibGuides link for inclusion in Blackboard course. These are examples of Communication Studies guides and statistics from Fall semester 2010.

Collaboration for this department includes working with John Wiese ensuring that titles ordered actually make it into the library. With this department, I updated the book chair when the new titles arrived and were available.

This department was a new assignment for me. I worked on developing a solid relationship with faculty and had faculty requesting library instruction sessions, students using the LibGuides, and positive feedback for library sessions.

Significance/Impact:

Each of the Communication Studies courses I facilitated library instruction had enrollments of about 20-24 students. The usage statistics show that students did utilize the LibGuides developed for them. In terms of impact, it's somewhat difficult to tell if the resources linked from the page assisted the student in successfully completing assignments and the course overall. Enrollment of Communication Studies courses is small, and the number of sections is small – in comparison to a BIOL 103 or English course – but statistics showed use of the LibGuides.

*** Communication Studies was re-assigned to Kate Adams (joining the RIS department Fall 2011) who had previous experience with Communication Studies.***

.com/content.php?pid=148171   Google

s   Help

uggested Sites ▼   Free Hotmail   RefGrab-It   Web Slice Gallery ▼

×   Gmail: Email from Google

UNIVERSITY OF NEBRASKA-LINCOLN

Library ○ Guides ○ COMM 209   Admin Sign In

COMM 209

Last update: Jan 26th, 2011 | URL: http://unl.libguides.com/content.php?pid=148171 | 🖨 Print Guide | 📄 RSS Updates | 🔴 SHARE ⬛ᴇ⊡

Home | 💬 Comments (0) | 🖨 Print Page   Search [ ]   This Guide ▼   Go

🔸 Search Encore

Encore Search: [ ]
[Find It!]
Encore is a keyword search for books, images, journal articles and more. See also Classic Catalog .

Comments (0)

🔸 Do More

E-Resources See all article indexes and other resources

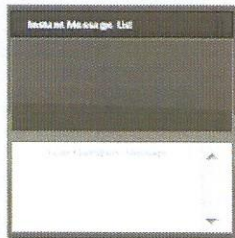ILLiad Use Interlibrary Loan and document delivery

Refworks Set up citation tracking and formatting

Media Services is the place to check out camcorders, cameras, portable projector/screen, or use computers/equipment and programs for all your multi-media needs and much more! It's located in Room 201 Love Library.

UNL Faculty: Request custom Subject and Course Guides; link Guides to Blackboard; arrange instruction. Contact your Subject Librarian

Comments (0)

🔸 Ask a Question

[Instant Message List]

🔸 About COMM 209

Course Description:

"Being able to successfully convey information is one of the most useful parts of public speaking."

Course Coordinator:

Mary Douglass, Faculty, Communication Studies
Office: 440 OLDH
Phone: 🔵 ▾ (402) 472-3348 🔵
Email: maryd@unlserve.unl.edu 📧

Comments (0)

🔸 Research Resources

Academic Search Premier
This database indexes a wide variety of scholarly material.

Tips for use: EBSCO resources give you the option to scroll down the page to where it says "Limit your results". Limits you may choose to impose include, but are not limited to: Full Text or Scholarly (Peer Reviewed Journals). On the middle of the "Limit your results" section on the left hand side you can limit by document types including "Article".

AccuNet/AP Multimedia Archive
Resource contains The Associated Press's current year's photo reports and a selection of photos from their 50 million image print and negative library. The Multimedia Archive also includes graphics, text and audio. It is licensed via the internet in this format to schools K-12, colleges and universities and public libraries nationwide by AccuWeather, Inc.

Communication & Mass Media Complete

Communication Studies: A Sage Full-text Collection
full-text of 19 journals published by SAGE and participating societies, some journals going back 23 years, encompassing over 5,000 articles. It covers such subjects as Journalism, Public Opinion, Political Communication, Mass Communication, Interpersonal Communication, Cultural Studies / Intercultural Communication, Television / Film Studies, Media Studies, Business Communication, Organizational / Management Communication, Written Communication, Rhetoric, and Literacy Studies.

Film and Television Literature Index
Film & Television Literature Index offers cover-to-cover indexing and abstracts for 300 US and international publications from the mid-20th century to the present. It covers film & television theory, preservation & restoration, writing, production, cinematography, technical aspects, and reviews.

JSTOR
More than a thousand academic journals and over 1 million images, letters, and other primary sources, JSTOR is an excellent source for FULL-TEXT scholarly, peer-reviewed content.

LexisNexis Academic
Full-Text resource for News, US and International Legal, and Companies

Web of Science
Simultaneously search 1990-Present:

Science Citation Index Expanded (SCI-EXPANDED)

🔸 Subject Guide

no photo available

Jolie Graybill

Contact Info:
319 Love Library,
🔵 ▾ (402)472.4547 🔵
Send Email 📧

Links:
Profile & Guides

Subjects:
Communication Studies, Image & Multimedia Digital Collections Coordinator

🔸 Plagiarism

Plagiarism Resource Guide
This guide provides information on how to avoid accidental plagiarism, the university's policy on plagiarism, and resources to help you understand plagiarism.

Tip: Once on this page, click on the tab above labeled "Safe Assignment". Safe Assignment can provide analysis of your drafts and personal assistance in properly citing references.

The Purdue Online Writing Lab (OWL)
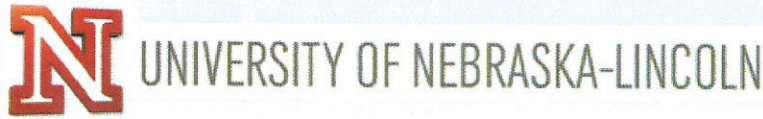Citation Style Guides information

Comments (0)

🔸 More Resources

Ethnic and Multicultural Resources:

       🌐 Internet | Protected Mode: Off

University of Nebraska - Lincoln - Windows Internet Explorer provided by CORS

.com/COMM_220

Google

s   Help

uggested Sites ▾   🔁 Free Hotmail   🔁 RefGrab-It   🔁 Web Slice Gallery ▾

✕   📧 Gmail: Email from Google

N UNIVERSITY OF NEBRASKA-LINCOLN

Library » Guides » COMM 220

Admin Sign in

COMM 220
Introduction to Public Discourse

Last update: Oct 13th, 2010 | URL: http://unl.libguides.com/COMM_220 | 🖨 Print Guide | 📰 RSS Updates | 🔲 SHARE 🔃 🖂

Home   🗨Comments (0)   🖨Print Page

Search   This Guide ▾   Go

Search Encore

Encore
Search:

[Find It!]

Encore is a keyword search for books, images, journal articles and more. See also Classic Catalog .

Comments (0)

Do More

E-Resources See all article indexes and other resources

ILLiad Use Interlibrary Loan and document delivery

Refworks Set up citation tracking and formatting

Media Services is the place to check out camcorders, cameras, portable projector/screen, or use computers/equipment and programs for all your multi-media needs and much more! It's located in Room 201 Love Library.

UNL Faculty: Request custom Subject and Course Guides; link Guides to Blackboard; arrange instruction. Contact your Subject Librarian

Comments (0)

Ask a Question
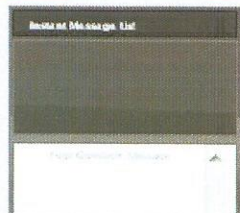
About COMM 220

Course Description:

An introduction to the historical and critical examination of significant persuasive efforts in modern American history. Emphasis is placed on the study of speakers who engaged in advocacy of sociopolitical importance. These may include representatives of important social movements, demagogues, elected officials, and others who defined our rhetorical legacy.

Course Coordinator:

Carly Woods, Faculty, Communication Studies
Office: 440 OLDH
Phone: 📧 ▾ (402) 472-0650 📞
Email: cwoods3@unl.edu 🖂

Comments (0)

Research Resources

Academic Search Premier
This database indexes a wide variety of scholarly material.

Tips for use: EBSCO resources give you the option to scroll down the page to where it says "Limit your results". Limits you may choose to impose include, but are not limited to: Full Text or Scholarly (Peer Reviewed Journals). On the middle of the "Limit your results" section on the left hand side you can limit by document types including "Article".

AccuNet/AP Multimedia Archive
Resource contains The Associated Press's current year's photo reports and a selection of photos from their 50 million image print and negative library. The Multimedia Archive also includes graphics, text and audio. It is licensed via the Internet in this format to schools K-12, colleges and universities and public libraries nationwide by AccuWeather, Inc.

Communication & Mass Media Complete

Communication Studies: A Sage Full-text Collection
full-text of 19 journals published by SAGE and participating societies, some journals going back 23 years, encompassing over 5,000 articles. It covers such subjects as Journalism, Public Opinion, Political Communication, Mass Communication, Interpersonal Communication, Cultural Studies / Intercultural Communication, Television / Film Studies, Media Studies, Business Communication, Organizational / Management Communication, Written Communication, Rhetoric, and Literacy Studies.

Film and Television Literature Index
Film & Television Literature Index offers cover-to-cover indexing and abstracts for 300 US and international publications from the mid-20th century to the present. It covers film & television theory, preservation & restoration, writing, production, cinematography, technical aspects, and reviews.

JSTOR
More than a thousand academic journals and over 1 million images, letters, and other primary sources, JSTOR is an excellent source for FULL-TEXT scholarly, peer-reviewed content.

LexisNexis Academic
Full-Text resource for News, US and International Legal, and Companies

Subject Guide

no photo available

Jolie Graybill

Contact Info:
319 Love Library,
📧 ▾ (402)472.4547 📞
Send Email 🖂

Links:
Profile & Guides

Subjects:
Communication Studies,
CONTENTdm Digital Collections

Plagiarism

Plagiarism Resource Guide
This guide provides information on how to avoid accidental plagiarism, the university's policy on plagiarism, and resources to help you understand plagiarism.

Tip: Once on this page, click on the tab above labeled "Safe Assignment". Safe Assignment can provide analysis of your drafts and personal assistance in properly citing references.

The Purdue Online Writing Lab (OWL)
Citation Style Guides Information

Comments (0)

More Resources

Ethnic and Multicultural Resources:

UNIVERSITY OF NEBRASKA-LINCOLN

Guides - Usage Statistics

"COMM 209" Page Hits 2010 *(generated 2011-01-01)*

Page	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Home	-	-	-	-	-	-	-	-	46	15	12	2	75
Totals	-	-	-	-	-	-	-	-	**46**	**15**	**12**	**2**	**75**

Link Hits 2010

Link	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Academic Search Premier	-	-	-	-	-	-	-	-	4	4	3	-	11
Communication & Mass Media Complete	-	-	-	-	-	-	-	-	1	-	-	-	1
Communication Studies: A Sage Full-text Collection	-	-	-	-	-	-	-	-	1	1	-	-	2
JSTOR	-	-	-	-	-	-	-	-	4	-	-	-	4
LexisNexis Academic	-	-	-	-	-	-	-	-	1	-	-	-	1
The Purdue Online Writing Lab (OWL)	-	-	-	-	-	-	-	-	4	-	3	-	7
WorldCat	-	-	-	-	-	-	-	-	1	-	-	-	1
Totals	-	-	-	-	-	-	-	-	**16**	**5**	**6**	-	**27**

jgraybill3@unl.edu « **My Admin** « **Sign Out**
  Library » **Guides**

Guides - Usage Statistics

"COMM 220" Page Hits 2010 *(generated 2011-01-01)*

Page	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Home	-	-	-	-	-	-	-	-	-	3	10	2	15
Totals	-	-	-	-	-	-	-	-	-	3	10	2	15

Link Hits 2010

Link	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Communication Studies: A Sage Full-text Collection	-	-	-	-	-	-	-	-	-	1	-	-	1
Totals	-	-	-	-	-	-	-	-	-	1	-	-	1

APPENDIX ONE
Areas of Responsibilities
Liaison

Brief Description:

Liaison Activities, Collection Development Policies for Mathematics and Computer Science

My Role:

From October 2008 to June 2010, my Liaison Area of Responsibility was Mathematics and Computer Science. I quite enjoyed working with both departments, the chairs, and the faculty book liaisons for each department. The requests for library instruction were minimal for both departments in comparison to my previous liaison area of Multicultural Studies. The faculty book liaisons for both departments were very responsive in addressing faculty identifying resources to purchase for teaching and research. Several faculty were consistent in forwarding titles of resources regularly.

Significance/Impact:

In 2009, while still assigned Liaison areas of Mathematics and Computer Science, I wrote the respective Collection Development Policies.

Both policies are deposited in UNL Libraries Digital Commons as of October 2009.

Total Number of Math CDP downloads since Publication: 132

Total Number of Computer Science CDP downloads since Publication: 54

I created LibGuides Fall Semester for COMM 209 and COMM 220. Statistics for LibGuides showed usage consistent with class enrollment

1-6-2010

Computer Science Collection Development Policy

Jolie Graybill

University of Nebraska at Lincoln, jgraybill3@unl.edu

Computer Science Collection Development Policy
University Libraries, University of Nebraska-Lincoln
Jolie Graybill, Mathematics Liaison Librarian, December 2009
Approved: CDC, January 6, 2010

I. GENERAL ACADEMIC PROGRAM INFORMATION

The computer science collection supports the teaching, research, and service activities of the entire university community; although its primary audience is the faculty, staff, and students of the Department of Computer Science and Engineering, and secondary audience is the faculty, staff, and students in Computer Science. Its primary focus is support for the undergraduate and graduate curricula for computer science; its secondary focus is support for research and teaching in engineering. Specific and transient research needs of computer science faculty and graduate students should be supplemented through Interlibrary Loan. Materials are not purchased for the general public, though they may benefit from the collection. While the collection focuses on works classified in Mathematics (QA), curriculum and research support is also provided by works classified as belonging to, for example, Statistics (HA), and Engineering and Technology (T-TA).

The bulk of the Computer Science collection is housed in the Math Library in Avery Hall. Additional titles, depending upon the cross-discipline use, may be housed in the Engineering Library or Love Library.

The Department of Computer Science offers the B.S., thesis and non-thesis option M.S., and Ph.D. degrees.

There is considerable overlap with several other departments. Many computer science courses are cross-listed with engineering mechanics, electrical engineering, mathematics, statistics, or management. Ph.D.'s are offered in conjunction with the Department of Mathematics and under the unified engineering doctoral program.

Service courses, i.e., computer science courses for non-computer scientists makeup nearly one-third of the credit hours generated by the department. Although many of these courses are for undergraduates, computer science classes are required for completion of research tool requirements by nearly all graduate majors. This group requires basic texts and introductory materials and discipline specific materials such as statistical packages and hardware and software reviews not needed by the major.

Graduate coursework covers hardware (logic design, integrated circuitry structures); software (programming and operating systems) ; computer systems organization (processor architecture, networks); data (structure, storage, coding and theory); information systems; computing methodologies; and computer applications.

Current research emphases are design automation, VLSI, artificial intelligence, information storage and retrieval, bioinformatics, software engineering, intellectual property management, and algorithms.

The Department as an integral part of the Academic Computing Resource Center is on CSnet, and has access to Plato. The IANR Biometrics and Information Systems Center activities overlap with many of the support functions of the department.

No accrediting body exists for computer science. The original program was based on the ACM 1968 curriculum standards. Curricula changes have paralleled ACM standards changes and developments in the field.

II. GEOGRAPHICAL COVERAGE
There are no geographical limitations.

III. CHRONOLOGICAL COVERAGE
There are no limitations to chronological coverage.

IV. IMPRINT DATE
Emphasis is on current imprints. The only exception is in the acquisition of subject specific microformat collections, e.g., EIC cad/cam file.

V. FORMAT/TYPE AND LEVEL OF MATERIALS
Print Materials
Most materials are acquired in the form of journals and monographic series, conference proceedings and research reports. Pre-prints and computing laboratory reports are purchased when available. Books authored by one, or possibly two authors are preferred in print.

Non-Print Materials
With respect to periodicals/series and to reference works, preference should be given to materials available online or in dual print/online format, especially if such materials are free of continuing "maintenance" fees and if such materials allow for simultaneous access. Micro-format collections, especially microfiche, are rarely collected; if funding allows, preference should be given to affordable online versions of such collections, especially if they offer value-added features such as full-text searching. Books edited with each chapter written by different authors are preferred in electronic format.

VI. LANGUAGES
English is the primary language of communication in the discipline.

VII. SPECIAL FACTORS
The following associations should be comprehensively collected: ACM, IEEE, and AFIPS.
The primary computer science collection is housed in Love Library. The Mathematics and Engineering libraries also contain important collections.

VIII. CLASSIFICATION AND INTENSITY LISTING

Q 295 Cybernetics RESEARCH

Q 327 Pattern recognition RESEARCH

QA 75 Calculating machines RESEARCH

QA 76 Computer science (General) RESEARCH

QA 76.4 Analog computers RESEARCH

QA 76.5 Digital computers RESEARCH

QA 76.73 Programming languages RESEARCH

QA 76.8 Special computers by name STUDY

QA 76.9 Databases, distributed systems RESEARCH

T 57.62 Industrial engineering RESEARCH

1-6-2010

Mathematics Collection Development Policy

Jolie Ogg Graybill
University of Nebraska at Lincoln, jgraybill3@unl.edu

Mathematics Collection Development Policy
University Libraries, University of Nebraska-Lincoln
Jolie Graybill, Mathematics Liaison Librarian, December 2009
Approved: CDC, January 6, 2010

I. GENERAL ACADEMIC PROGRAM INFORMATION

The mathematics collection supports the teaching, research, and service activities of the entire university community; although its primary audience is the faculty, staff, and students of the Department of Mathematics in the College of Arts and Sciences, and secondary audience is the faculty, staff, and students in Computer Science. Its primary focus is support for the undergraduate and graduate curricula for mathematics; its secondary focus is support for research and teaching in mathematics. Specific and transient research needs of mathematics faculty and graduate students should be supplemented through Interlibrary Loan. Materials are not purchased for the general public, though they may benefit from the collection. While the collection focuses on works classified in Mathematics (QA), curriculum and research support is also provided by works classified as belonging to, for example, Statistics (HA), Biology (QH), Engineering and Technology (T-TA).
The bulk of the mathematics collection is housed in the Math Library housed in Avery Hall. Additional titles, depending upon the cross-discipline use, may be housed in the Engineering Library or Love Library. Usage statistics for the mathematics collection show consistent high circulation.

The Department of Mathematics offers both the BA and BS degree. Graduate work is offered leading to the degrees of MA, MS, MAT (Master of Arts for Teachers), MScT (Master of Science for Teachers) and Ph.D.

Currently, four options for undergraduate mathematics majors are offered: Option C (Concentration) for students wishing to combine a strong math education with another discipline; Option E (Education) for students interested in teaching math at the secondary level; Option R (Research) for students planning to pursue graduate work in math or interested in independent work; and Options S (Statistics) for students interested in a math major and a strong emphasis in statistics. Two plans for the minor in mathematics are available.

Three options for the master's degree with all allowing a minor, however, Option 2 *requires* a minor: Option 1 requires a thesis; Option 2 requires a minor; Option 3 may elect an Area of Specialization in Pure Mathematics or Applied Mathematics. The Mathematics Department offers Ph.D. degree programs, both major and minor. In addition, the Department in cooperation with the Computer Science Department offers a Ph.D. degree with specialization in computer science.

The Mathematics faculty consists of 38 professors who regularly teach nearly all courses at or above the calculus level. Research is particularly strong in the following areas:

- **Commutative Algebra and Algebraic Geometry**
  The commutative algebra group has research interests which include algebraic geometry,

algebraic and quantum coding theory, homological algebra, representation theory, and K-theory.

- **Discrete Mathematics and Coding Theory**
  Research interests in this group center around structural problems in combinatorics, and coding theory, the study of schemes for encoding data to, for example, efficiently detect errors in transmission.

- **Groups, Semigroups, and Topology**
  The interplay between topology, group theory and semigroup theory has yielded a wealth of information in all three mathematical fields. These connections are central to the research of our faculty working in this area.

- **Applied Mathematics and Differential Equations**
  The Applied Mathematics and Differential Equations group within the Department of Mathematics have a great diversity of research interests, but a tying theme in each respective research program is its connection and relevance to problems or phenomena which occur in the engineering and physical sciences.

- **Functional Integration**
  Functional integration deals with the mathematical foundations of the Feynman Integral, originally introduced in the 1950s by Richard Feynman. Research with this group involves placing this work on a rigorous foundation.

- **Operator Theory/Operator Algebras**
  Operator Theory and Operator Algebras are concerned with the study of linear operators, usually on vector spaces whose elements are functions. The subject is analysis, but because the vector spaces are usually infinite dimensional, the subject has a nice blend of techniques from other areas of mathematics, ranging from algebra to topology to dynamical systems.

- **Mathematical Biology**
  Several faculty in the department have a strong interest in problems originating in the life sciences, especially from ecology. They collaborate with faculty in Natural Resources and in the School of Biological Sciences to study the dynamics of populations and their interactions, diseases, nutrient cycling, and the effects of global climate change on ecosystems. Their research involves modeling biological systems and applying mathematical techniques to investigate the behavior of these systems.

- **Mathematics Education**
  Several of our faculty have made significant contributions to mathematics education, in areas such as teacher preparation, the design of online testing software, and leading programs for high school and middle school students

Graduate courses are offered in the following major areas: algebra (algebra, fields, semigroups, rings); analysis and applied mathematics (differential equations, calculus, complex variables, mathematical analysis, tensor analysis, numerical analysis, stochastic processes); combinatorics

and geometry (geometry, graph theory, combinanatorial analysis); logic and foundations of mathematics (logic, set theory, recursive theory, lattice theory); number theory; topology. Currently, the Mathematics department supports approximately 180 full-time undergraduate majors, 100 secondary education majors seeking their endorsement in mathematics, 70 full-time graduate students in the Masters and Ph.D. program, and an additional 4,000 students taking mathematics courses to support other degree programs.

Most undergraduate mathematics majors are from the upper quartile of their high schools, and share a strong interest in the mathematical sciences, are also a diverse group. There are almost as many students from small towns and rural areas as there are from the larger urban areas. Also, about one-third of the students are women. In addition to mathematics, their academic interests cover the spectrum from the traditional sciences to teaching to business to the arts.

The Department serves as a basic resource for the whole University community. The Colleges of Engineering and Business Administration account for 20% and 13% respectively of the total student class hour production. College of Arts and Sciences accounts for another 24% of students.

No accrediting body exists for Mathematics and Statistics.

II. GEOGRAPHICAL COVERAGE
Materials are selected for scientific importance; consequently, no geographical coverage limitations exist.

III. CHRONOLOGICAL COVERAGE
There are no chronological coverage restrictions or emphases.

IV. IMPRINT DATE
Current publications are of primary importance. Retrospective collecting is selective to support current research.

V. FORMAT/TYPE AND LEVEL OF MATERIALS

Print Materials
Most materials are acquired in the form of periodicals, series, and monographs. Statistical research is also reliant on technical/methodological reports, occasional papers, and research reports released by universities, research centers, and state and federal agencies. Some of these items are published in paperback, and some are spiral bound. The collection should also include the proceedings and symposia of the major associations. Reference works dealing with the technology/methodology and with the history of the field should be collected. Given the field's wide-ranging interests, abstracting and indexing services for numerous related fields are desirable. Textbooks are collected if they are of graduate level, of "classic" stature, and/or have been requested by faculty; lower-level textbooks may be very selectively collected.

Non-print Materials
With respect to periodicals/series and to reference works, preference should be given to materials available online or in dual print/online format, especially if such materials are free of continuing "maintenance" fees and if such materials allow for simultaneous access. Micro-format collections, especially microfiche, are rarely collected; if funding allows, preference should be given to

affordable online versions of such collections, especially if they offer value-added features such as full-text searching.

VI. LANGUAGES
There are no language restrictions.

V. SPECIAL FACTORS

All materials published by the American Mathematical Society, the Mathematical Association of America, the Society for Industrial and Applied Mathematics are considered essential by the Department.

While the Mathematics Library is of primary importance and support to the programs, the Biological Sciences and Engineering libraries are used by the applied mathematicians. In addition, a large collection of mathematics materials are housed in Love Library.

VI. CLASSIFICATION AND INTENSITY LISTING

(The following are listed by LC Class, Subject, and then by Intensity Level)

BC 80 Inductive and empirical logic STUDY

Q 175 Science philosophy and methodology STUDY

QA 1-7 Mathematics RESEARCH

QA 8-10 Mathematical logic RESEARCH

QA 11-20 Study and teaching STUDY

QA 150-161 Algebra RESEARCH

QA 162 Abstract algebra RESEARCH

QA 164 Combinatorics RESEARCH

QA 166 Graph theory RESEARCH

QA 169 Homological algebra RESEARCH

QA 171 Theory of groups RESEARCH

QA 184-205 Linear algebra RESEARCH

QA 211-224 Theory of equations RESEARCH

QA 241-250 Theory of numbers RESEARCH

QA 251 Universal algebra RESEARCH

QA 251.3 Commutative rings & algebra RESEARCH

QA 251.5 Associative rings & algebra RESEARCH

QA 269-271 Game theory RESEARCH

QA 273 Probabilities RESEARCH

QA 274 Stochastic processes RESEARCH

QA 276-295 Mathematical statistics RESEARCH

QA 278 Multivariate analysis RESEARCH

QA 279 Analysis of variance RESEARCH

QA 280 Time series analysis RESEARCH

QA 297 Numerical analysis RESEARCH

QA 300-302 Analysis RESEARCH

QA 303 Calculus RESEARCH

QA 320 Functional analysis RESEARCH

QA 329 Operator theory RESEARCH

QA 331-360 Theory of functions RESEARCH

QA 371-387 Differential equations RESEARCH

QA 379 Boundary value problems RESEARCH

QA 401-433 Analytic methods used in solution of physical problems RESEARCH

QA 402.3 Control theory RESEARCH

QA 402.5 Mathematical optimization RESEARCH

QA 433 Vector and tensor analysis RESEARCH

QA 440-699 Geometry STUDY

QA 551 Analytic geometry RESEARCH

QA 564 Algebraic geometry RESEARCH

QA 601 Transformations RESEARCH

QA 611 Topology RESEARCH

QA 613 Manifolds and cell complexes RESEARCH

QA 641-699 Differential geometry RESEARCH

QA 801-939 Analytic mechanics RESEARCH

QA 809 Statics RESEARCH

QA 841 Kinematics RESEARCH

QA 845 Dynamics RESEARCH

QA 865-871 Theory of vibrations. Oscillations RESEARCH

QA 927 Wave motion RESEARCH

QC 20 Mathematical physics RESEARCH

T 57.8 Nonlinear optimization RESEARCH