Library and Information Science Education at Keio University

Keio University Faculty of Letters, Library and Information Science Matsumoto, Naoki

■Contents

- 1. Undergraduate education
- 2. Graduate education
- 3. Challenges for the future

1. Undergraduate education

Establishment of Japan Library School

■ Established at Keio University in 1951.

Purpose: Develop a training institution for professional librarians in Japan.

■ ALA supported JLS.

Library and Information Science

■ The department of Library and Information Science is inside the Faculty of Letters.

■ The Faculty of Letters consists of 17 department.

■ There are eight faculty members in our department.

Faculty of Letters

Philosophy group	Chinese literature
	Offiliase interactare
Philosophy	English-American literature
ethics	German literature
Aesthetics and art history	French literature
History group	Library and Information group
Japanese history	Library and Information
Oriental history	Human relations
Western history	Sociology
Ethnology and Archeology	Psychology
Literature	pedagogy
Japanese literature	Human relations

Name	Specialty	Course
NEMOT, Akira	Educational culture information theory	Library course
KURATA, Keiko	Academic communication	Information media course
TANIGUCHI, Shoich	Information organization, organization of information resources	Information management course
KISHIDA, Kazuaki	Information retrieval	Information management course
IKEYA, Nozomi	Ethnomethodology, information behavior, sociology of knowledge, service design	Information media course
AGATA, Mari	Bibliography	Information media course
MATSUMOTO, Naoki	Information system management	Library course
KIMURA, Maiko	Organizing information resources	

Specialized fields (degrees): LIS: 5, Pedagogy: 2, Sociology: 1.

■ Three have experience working in libraries.

■ Bachelor's degree: "Library and Information Science."

Enrollment and affiliation

- Students must enroll in the Faculty of Letters.
- Students will take subjects common to all Faculty of Letters students in their first year and will then apply to join LIS. They will join the LIS department after their second year.
- The maximum number of students accepted is 60. As of April 1, 2018, there are 48 second-year students, 40 third-year students, and 47 fourth-year students.

Education

- Diploma policy:
 - Students will learn the fundamentals of various aspects of data, information, knowledge (distribution, organization, provision, use, preservation, system) produced by individuals and organizations. From the viewpoint of information. We want students to discover problems and solve them for themselves.
- We do not focus on library staff education.

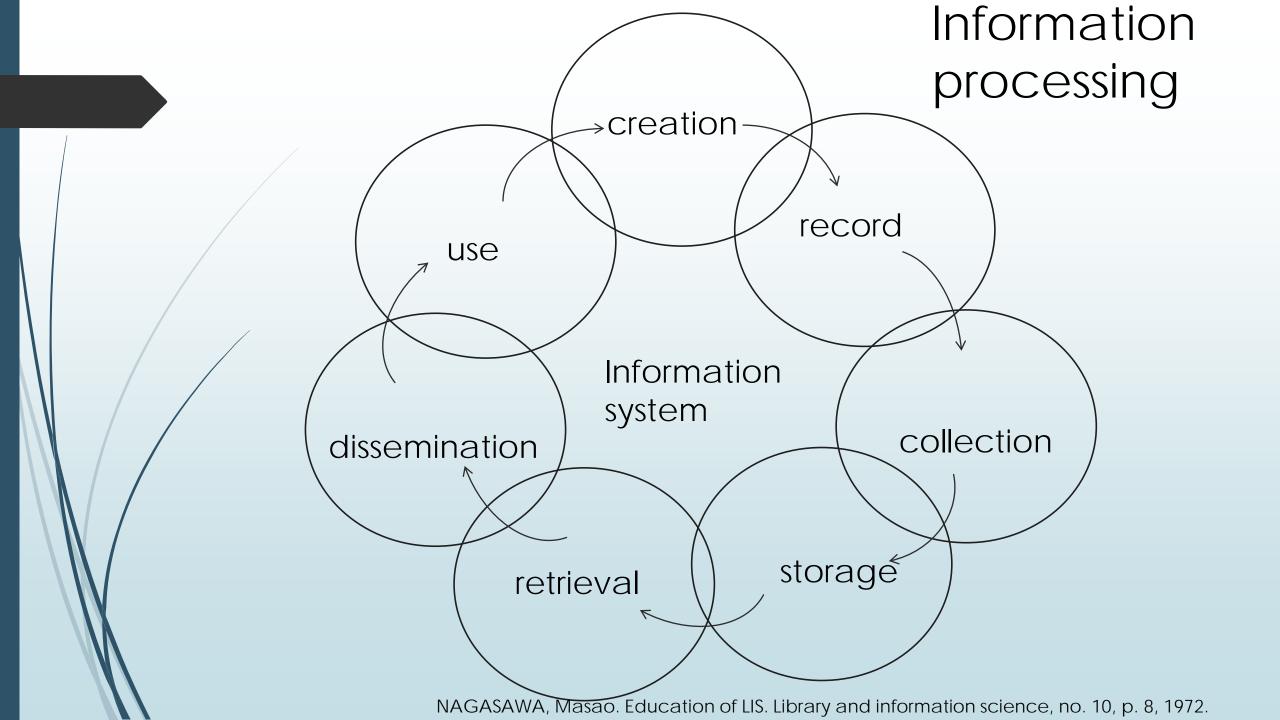
【図書館・情報学専攻】

<卒業認定・学位授与の方針(ディプロマ・ポリシー)>

学士(図書館・情報学)の学位を、以下のような資質と能力を有する者に授与する。 個人や機関、団体などにより、生産され記録された経験や情報、知識について、その流通・ 組織化・提供・利用・保存・制度など諸側面の基礎的な知識の学修を通じて、情報の視点 から問題を発見し自ら解決できる総合的な能力の習得をめざす。

そのため、特に次のような資質形成と能力開発により、社会のさまざまな場面で幅広く活躍できる人材を育成する。

- ・ 特定テーマから広範な分野にいたるまで文献と情報を検索、収集、分析する能力
- コンピュータをはじめ情報機器・情報メディアを活用する情報処理能力
- ・ 図書館司書としての基礎的資質と情報専門職としての基盤形成
- 日本語と英語による専門文献の読解能力
- ・ 効果的なプレゼンテーション能力および論理的な文章表現能力

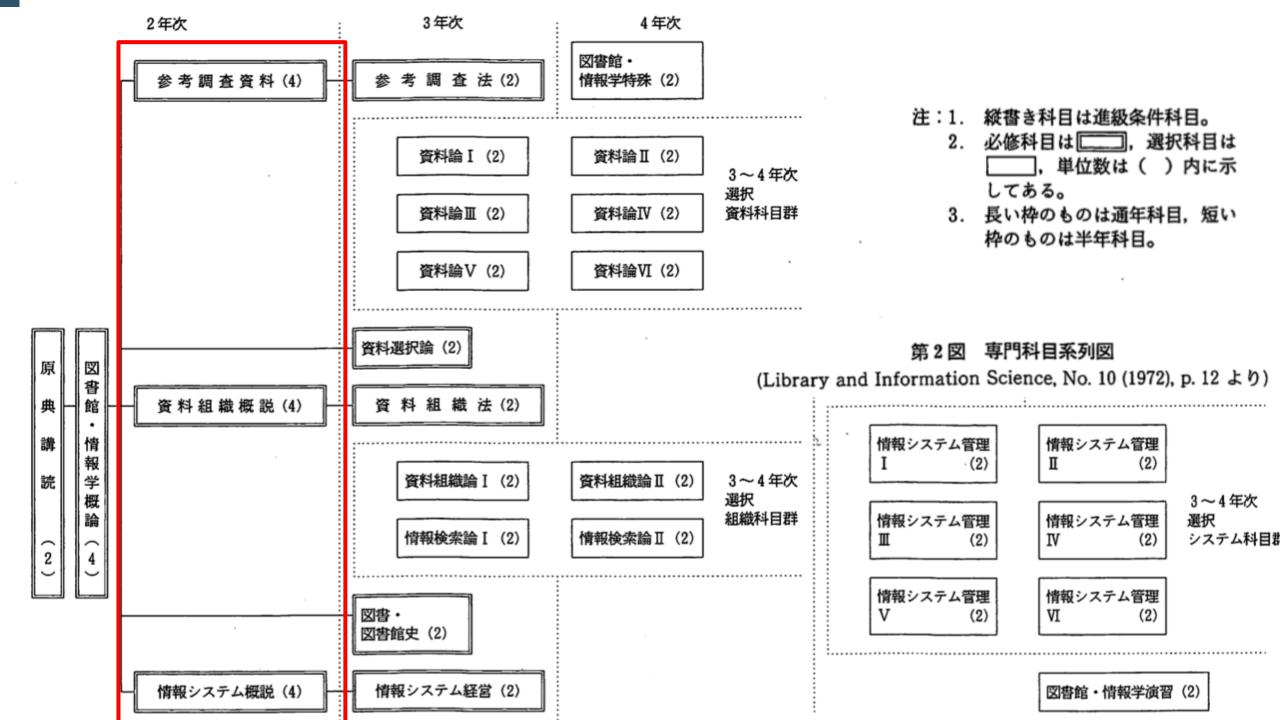


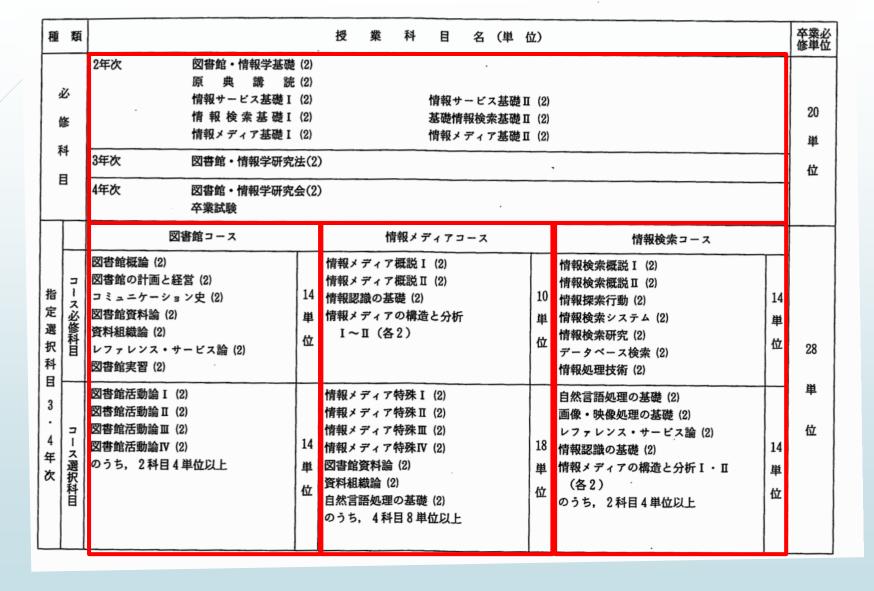
Curriculum development

→ A new curriculum was created in 1972.

Subject areas: basic informatics, library material subjects, document organization subjects, and information system subjects.

■ In 1993, three courses were established: (1) library, (2) information media, and (3) information retrieval.





【授業科目系列表】 ※[セ]: セット履修科目

種	類	分野番	分野番号 授業科目名 (単位)					卒業业 要単位					
必修科目		必修2年 30-13-01 2年次 図書館・情報学文献研究 I 図書館基礎 I (2) 情報メディア基礎 I (2) 情報管理基礎 I (2)						(2) 図書館基礎 基礎 I (2) 情報メディ	図書館基礎Ⅱ (2)				22 単位
		必修 3 30-13-	-	3年次	図書館・情報学概説(2)								
		研究会 30-13-	Sec. 1	3 年次 4 年次	図書館・情報学研究法 (2) [セ] 図書館・情報学研究会 I・II (各1)								
	卒業試験 30-13-11 卒業試験(卒業論文)												
¥		図書館コース				40	情報メディアコース 情報管理コース						
	コース必修科目	分野 (B欄) 授業科目				分野 (B欄) 授業科目名(単位)		分野 (B欄) 授業科目名(単位		()			
指定選択科目3・4年次		図必修 30-13- 21 (21)	情情情図公大情生	共図書館記 学図書館記 報サービフ 理学習概認	P概説(2) 機論(2) 対I(2) 宏調査入門(2) 倫(2) 倫(2) ス概説(2) 倫(2)	18	メ必修 30-13- 31 (31)	図書館の制度と経営(2) 情報メディア概説(2) 情報資源組織論(2) 情報検索概説I(2) 図書館・情報学研究調査入門(2) 印刷メディア(2) 学術情報メディア論(2) 社会情報論(2) ウェブ情報論(2)	18	管必修 30-13- 51 (51)	図書館の制度と経営(2) 情報メディア概説 (2) 情報資源組織論 (2) 情報検索概説 I (2) 図書館・情報学研究調査入門(2) 情報行動 (2) 情報処理技術 (2) データベース論 (2) デジタルアーカイブ論(2)	18 単位	26
	コース選択科目	図選択 30-13- 23 (23)	で見学情デ書書図図図情お	専 図章交級ーまま館館を検び、四共 館一書識解 I I 情情情 索図一書 議解 I I 情情情 索図一点	I・I(各1) ス論(2) 角(2) 基礎(2) 格(2) 特殊I(2) 特殊I(2) 見I(2)	8単位	メ選択 30-13- 33 (33)	[セ] 図書館実習I・II(各1) 児童サービス論 (2) 学校図書館論 (2) 情報認識の基礎 (2) データ解析論 (2) 書誌学 I (2) 書書誌学 II (2) 図書館・情報学特殊 I (2) 図書館・情報学特殊 I (2) 図書館・情報学特殊 II (2) はおび、情報メディアコース以外のコース必修科目	8単位	管選択 30-13- 53 (53)	[セ] 図書館実習I・I(各1) 児童サービス論(2) 学校図書館論(2) 情報認識の基礎(2) データ解析論(2) 書誌学I(2) 書誌学I(2) 図書館・情報学特殊I(2) 図書館・情報学特殊I(2) 図書館・情報学特殊I(2) 「報検索概説I(2) および、情報管理コース 以外のコース必修科目	8単位	26単位以上
選押	360	30-13- 55 (55)				刂第	35条3	3 項参照) の専門教育科	■				単位

Factors affecting Changing curriculum change **School Rules** Changing social Student situation and preferences technology and employment Faculty Academic members' research trends specialties

■ Third-year students will take the course "Overview of Library and Information," advanced subjects, and "LIS Research methods (seminar)."

■ Fourth-year students will take "Library and Information Research methods (seminar)" and advanced subjects.

- Every student must write a graduation thesis.
- During summer vacation in their fourth year, students will present an interim presentation attended by all faculty members and students.
- After students submit their theses, their supervisor and other faculty members will examine the theses using the standard evaluation sheet.
- Next, an interview will be conducted in February and will be evaluated by all faculty members.

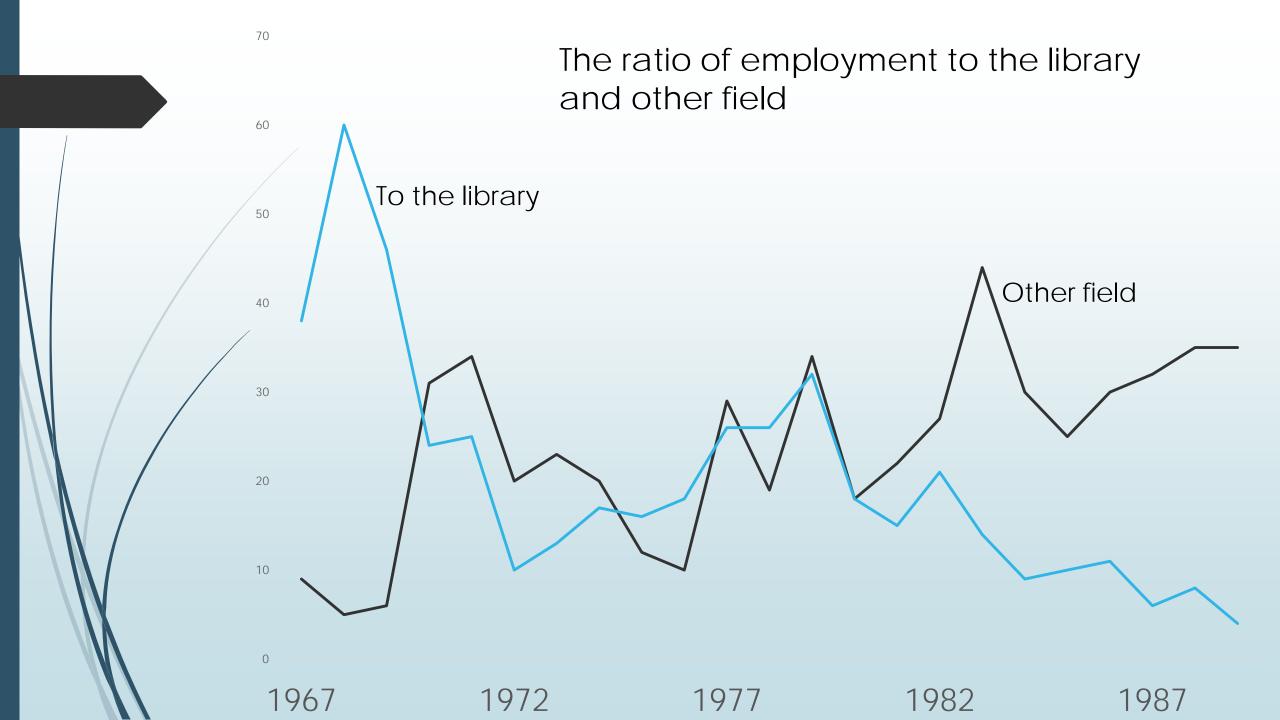
Example of the undergraduate thesis in 2018

- Information management course
 - Construction of metadata schema for game software
 - The actual status of business model patent search in startup companies
 - Identification of feature words in reservation site reviews using text mining
 - Stock price prediction by machine learning using data on Twitter
 - The system construction of tourist routes using Twitter
- Information media course
 - Comparison between specialized dictionary and the Japanese version of Wikipedia
 - What kind of consultation is done at medical consultation site: Analysis of cancer category
 - Characteristics of a band of paperback novels and the aim of a publishing company
 - Modern book cover diversity
- Library course
 - Survey on an actual condition of patient library
 - Publicity in collections of public libraries from the collection of out-of-print books
 - Compounding with public facilities in public libraries
 - Position of selection tour in school library
 - Analysis of Patient Support in Keio University Hospital Patient Library



After graduation...employment

- Libraries, such as the National Diet Library, university libraries, specialized libraries, and public libraries.
- Other information service industries such as think tanks, mass communication such as newspaper companies, publishing companies, etc.
- System engineers, system integrators, and other computer software companies.



2. Graduate education

Establishment of graduate school (master's course / doctoral course)

- In 1967, a graduate school (master's course) was established with an emphasis on information processing. In 1975, the doctoral course was established.
- After the establishment of the doctoral course, the center of research in our department moved to information study.
- After the establishment of the master's course, the bachelor's degree title was changed to "library and information science."

Establishment of Information Resources Management (IRM) Course

■ In 2004, we established the Information Resource Management (IRM) course, which is a master's course for librarians.

Organization

- The LIS graduate course is in the Graduate School of Letters.
- The Graduate School of Letters consists of 16 disciplines and 9 subjects, one of which is LIS.
- Graduate schools in LIS have two fields: library and information science (master's and doctoral courses) and Information Resource Management: IRM (master's course).

Department	Field
Philosophy and ethics	Philosophy, Ethics
Aesthetics and art history	Aesthetics and art history, art management
History	Japanese history, Oriental history, Western history, Ethnology and Archeology
Japanese literature	Japanese literature, Japanese language education
Chinese literature	
Western literature	
German literature	
French literature	
Library and Information Science	Library and Information Science, IRM

Conditions of completion

Master's course: Acquire 32 credits and submit a master's thesis.

■ Ph.D. doctoral course: Submit a doctoral dissertation.

Subjects (master's courses)

- ► LIS master's course: Subjects such as information science, information media, information retrieval, and information systems.
 - This also includes a common skills class, research methods for the master's thesis, and discussions on English literature.
- IRM: Subjects such as library management, information technology, and recent trends in libraries.
 - This also includes a research class for the master's thesis and learning academic skills.



研究指導 (研究会)

論文要約発表

1年

アカデミックスキル

学術論文演習

統計データ処理演習

図書館情報技術演習

専 門 科 目

図書館経営

知識サービス

情報メディア

図書館経営論

利用者サービスデザイン

学術コミュニケーション論

図書館制度論

情報資源組織化

デジタル書物学

図書館評価論

知識プロフェッション論

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Admissions requirements

 Graduate school of LIS course: Enroll in the Graduate School of Letters of Keio University

■ IRM course: Librarian Certification or three years of experience

Doctoral program: Master's course completion

Fixed number and future career

- The fixed number each year (and current number)
 - ► Master's program: 20 (19)
 - ► Ph.D. course: 5 (5)
- Future career
 - Master's program:
 - National Diet Library, national and private university libraries, private companies.
 - ■Some go to doctoral courses to become researchers.

Library and Information Science (master course)

Year	New students	graduates
2018	1	
2017	3	1
2016	1	2
2015	2	4
2014	3	1
2013	1	1
2012	3	2
2011	2	5
2010	2	2
2009	2	5
2008	5	1
2007	3	5
合計	28	29

IRM									
W	Applicant	New student	New students(details)						
Year			Academic lib	Public lib	other	Part time job, etc.			
2018	13	8	2	3	3	2			
2017	8	5	2	2	1	2			
2016	12	9	2	4	3	2			
2015	12	8	5	3	0	1			
2014	14	7	2	1	4	1			
2013	13	8	2	0	6	1			
合計	72	45	15	13	17	9			

■ IRM course:

■ Many remain in their current positions.

- Doctoral programs:
 - Many continue their work.
 - Some go into research positions.

3. Challenges for the future

Contribution to the Faculty and University

- It is important to contribute to the faculty and university.
- Lead "Information Processing" related courses, which are provided as part of undergraduate education.
 - Contents: Web, spreadsheets, information literacy, writing reports, etc.
- Almost all faculty students take a course.

For the Future...

- Increase the number of doctoral degrees
 - Only 8 PhDs have graduated from LIS
 - Graduate school enhancement, creation of a system for acquiring a doctoral degrees
- Shift from institutional certification to program quality assurance
- iSchool, Quality Assurance and Mutual Recognition of Education (IFLA, EU), International Educational Guidelines (IFLA, etc.)

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