

# Library and Information Science

## I Educational Goal

Library and Information Science at Hannam University prides itself on providing high quality educational and field opportunities in a learning environment. The school educates students to become leaders in an ever-changing information society.

## II Educational Objective

- 1) We are inspired by information. We want to know how vital information is to all aspects of life. We prepare information professionals to handle diverse types of information.
- 2) We focus on people. We see information everywhere nowadays. We want people to use information effectively and efficiently to solve everyday information problems. We prepare information professionals to provide users with diverse information services, such as information retrieval, information literacy, and education.
- 3) We use technology. Information is embedded in technology. We prepare information technicians to follow up on technical issues in a timely manner.

## III List of Full-time Faculty

Name	Position	Degree(University)	Field of Instruction	Area of Research
Sung Hee Park	Professor	Ph.D. (Virginia Tech University, USA)	Information Science	Digital Libraries & Information System
Joung Hwa Koo	Professor	Ph.D. (Florida State University, USA)	Information Services& User Study&	Information Services & Information

			Reading Education	Behavior
Sun Young Kwon	Professor	Ph.D. (Sungkyunkwan University, Korea)	Library &Information Science	Library & Information Science
Yoo Kyung Jeong	Professor	Ph.D. (Yonsei University, Korea)	Library &Information Science	Information Science
Boll Kim	Professor	Ph.D (Kyonggi University, Korea)	Library &Information Science	Information Science
Kyung Shin Hahn	Professor	Ph.D. (Chung-ang University, Korea)	Library &Information Science	Information Science
Dong Min Shin	Professor Emeritus	Ph.D. (Chung-ang University, Korea)	Library &Information Science	Information Science
Jung Soon Ro	Professor Emeritus	Ph.D. (Indiana University, USA)	Library &Information Science	Information Science
Young shin Kim	Professor Emeritus	Ph.D. (Ewha Womans University, Korea)	Library &Information Science	Knowledge Organization Science

## IV Course Description

- **(LI601) Research Methods in Library and Information Studies (3 credits)**

The course covers a variety of research methods that may be used in information studies. It explores general, epistemological, and ethical issues with research, methods of data collection; techniques for data analysis; and evaluation of research. It includes readings, short-and long-form writing, in-class discussions, and practical exercises in research methods.

- **(LI602) Studies in Newmedia (3 credits)**

The purpose of this course is to cultivate the understanding and operational ability of new media in an environment where library materials are converted to media more rapidly than ever before. For this purpose, we learn the process leading to the types of new media and the characteristics of each media, production and use.

- **(LI603) Studies in Big Data Analysis (3 credits)**

This course deals with basic quantitative research methods to need for data-driven library and instituted management. The students will learn theories and practices to collect, construct, analyze, and interpret the big data.

- **(LI604) Information and Library Network (3 credits)**

This course aims at understanding the process of scholarly communication and cooperative activities between library networks for providing comprehensive information to satisfy users' information needs.

- **(LI605) Seminar in Cataloging (3 credits)**

This course studies the theory and practice of cataloging and major cataloging methods in the East and the West. The development direction of the catalog is reviewed by examining and discussing the latest trends in the International Standard Bibliographic Description (ISBD) and International Cataloging Rules established by IFLA.

- **(LI606) Introduction to Intelligent Information System (3 credits)**

This course deals with system organization for collection, storing, utilizing, serving, and preserving information necessary for users from various types of text and multimedia data. Database design, user interface design, and system architecture are studied, and the design and application of standards communication protocols for open/online access information(OAI) are studied. In addition, Big Data, Artificial Intelligence, Semantic Web, Ontology, XML, RDF, OWL, Linked Open Data(LOD), and Open Data API, and the latest research topics in this area can be taught.

- **(LI607) Theories of Information Studies (3 credits)**

This course discusses and critiques the structural components and research processes related to the origination, construction, and evolution of theory. In the course, the study will read critically the area of theory creation and development; understand and practice tools to critique theories; analyze the progression of ideals through the development of a specific theory in the areas of Information Studies such as bibliometrics, information retrieval, information organization including index and thesaurus, information behavior, etc.

- **(LI608) Advanced Reading Guidance (3 credits)**

The course overviews the characteristics and the information needs of children and young adults, and the resources and strategies that may educate and guide their reading in the fields of public library or school library. It also considers developmental stages of children and young adults are taken into consideration in understanding their information needs. The course focuses on fiction and nonfiction materials published for ages 3-18 and discusses(or develops) various pedagogies and strategies of reading guidance for children and young adults.

- **(LI609) Seminar in Information Retrieval Theory (3 credits)**

The course aims to understand the theories of traditional information retrieval, recent research trends and IR techniques including indexing, text processing, search algorithms, relevance feed back, system evaluation and so on.

- **(LI610) Seminar in Information Classification (3 credits)**

This course studies the theory and practice of information classification and classification of documents in the East and the West. In particular, the theory and practice of LCC, UDC, DDC, and CC are dealt with, and comparative analysis and evaluation of these classification methods are conducted.

- **(LI611) Information Technology (3 credits)**

This course examines the recent theories and techniques for developing information system and their applications. Based on theoretical foundation, students learn the practical application of information technologies.

- **(LI612) Collection Development (3 credits)**

The principles and theories of collection development, which are the basis for library resource development, are studied, and various problems to try to construct the optimal collection are discussed. The needs and collection standards of each user group in the library environment for each type of library. Budget, Choice Aids. Environmental factors related to the publishing and distribution environment, budget, and policies are examined. In addition, it is possible to examine collection evaluation, selection, acquisition, distribution system, resource sharing, management and disposal, and evaluation policy within the library.

- **(LI613) Seminar in Management of Library and Information Center (3 credits)**

This course deals with major research questions at hand that are related to the management activities of libraries, information centers, and information organizations, that is planning organizations, personnel affairs, control, finance, and assessment.

- **(LI614) Seminar in Library Marketing (3 credits)**

This course offers understanding about marketing at large (including PR), which is a series of courses for the creation and active use of values desired by users in the management of libraries, information centers, etc. as well as various techniques for service quality evaluation.

- **(LI615) Seminar in Reference and Information Services (3 credits)**

The course discusses and considers the main concepts and philosophies of information services; utilize various types of reference/information tools; develops skills to plan and conduct information searches and to synthesize information for others, with an emphasis on understanding and conducting reference interviews; demonstrates the ability to conduct effective searches; discusses various types of information services offered by libraries and

other information-providing agencies; learn and suggests various methods of evaluation performance of reference/information agencies.

- **(LI616) Seminar in Public Library (3 credits)**

Public libraries, as the memory devices of society, manage and circulate the knowledge resources of society, and have fulfilled their role as spaces for information, culture, and education in community. In this course, students will study the formation of the fundamental philosophy of public libraries, the process of their development according to social change, and changes in their roles; and examine and investigate all aspects of public library services including the cultivation of reading population, the development, operation and assessment of programs, and the development of collection of new concept for the proper fulfillment of their function as information service institution for community inhabitants in the current knowledge information society.

- **(LI617) Studies in Digital Archiving) (3 credits)**

This course concerns with theories and practices for digitalizing of information resources and describing their metadata. The course will aims students to learn the theories and practices for constructing and operating the digital archives including data digitalization, digital collection development, matadata and standards, digital information publishing ad preservation, information technologies for developing digital archives, the concept of information services, evaluation methods.

- **(LI618) Seminar in Information Behavior (3 credits)**

The course provides students with an overview that emphasizes the user's perspective in the analysis of information needs and demands, including human information-seeking behaviors of a variety of users and user groups. The course considers the basic philosophical and conceptual approaches to the study of information, information needs, information seeking, and information behavior; recognizes a range of approaches to information needs and behavior assessment; appreciates how information behavior studies are done, using a range of technologies; reviews the current literature addressing information behaviors for various user populations.

- **(LI619) Seminar in Metadata (3 credits)**

This course covers the metadata schema, application profiles, synthesis of theories, interoperability, and techniques related to the construction of metadata usign XML.

- **(LI620) User Interface Design (3 credits)**

This course deals with the design of user interfaces that consider user behaviors and the functional aspects of information system. The goal of this course is to examine, analyze and evaluate user interfaces, and to design and build user interfaces directly, using design thinking for the design of user experience (UX)-based user interfaces.

- **(LI621) Special Topics in Data Mining (3 credits)**

This course introduce to the basic of data mining techniques that include text and multimedia data preprocessing, machine learning techniques and artificial neural networks.

- **Research for the Master's Degree I 0 credits**
- **Research for the Master's Degree II 0 credits**

<p style="text-align: center;"><b>대학원 홈페이지 수정요청 사항</b></p> <p>참고 : <a href="http://gra.hannam.ac.kr/sub2/menu1_1.php">http://gra.hannam.ac.kr/sub2/menu1_1.php</a>  영문 : <a href="http://gra.hannam.ac.kr/eng/sub3/menu1.php">http://gra.hannam.ac.kr/eng/sub3/menu1.php</a></p>	<b>학과명</b>	문헌정보학과
--	------------	--------

구분		수정 전	수정 후	비고																			
국문 홈페이지	교육목적	문헌정보학과 석사과정은 문헌정보학 전반의 학문적 이해 증진과 진전된 연구능력 함양 및 도서관·정보센터에서의 실무적 문제 해결 능력의 향상을 목적으로 한다. 따라서 학부과정에서의 포괄적이며 개괄적인 교과과정을 이수한 전공자로 하여금, 급속도로 변화하는 도서관 환경의 제반 문제에 적응하며 발전시키는 능력과 학문발전에 이바지할 수 있는 연구능력 향상에 교육목적이 있다.	문헌정보학과 석사과정은 문헌정보학 전반의 학문적 이해 증진과 진전된 연구능력 함양 및 도서관·정보센터에서의 실무적 문제 해결 능력의 향상을 목적으로 한다. 따라서 학부과정에서의 포괄적이며 개괄적인 교과과정을 이수한 전공자로 하여금, 급속도로 변화하는 도서관 환경의 제반 문제에 적응하며 발전시키는 능력과 학문발전에 이바지할 수 있는 연구능력 향상에 교육목적이 있다.																				
	교육과정	1) 석사과정 ① 문헌정보학의 제반 이론을 교육하여 전문 연구능력을 갖춘 인재를 양성한다. ② 도서관·정보센터의 실무문제 해결능력을 향상시키고, 환경 변화에 대응할 수 있는 고급 전문인력을 양성한다.	1) 석사과정 ① 문헌정보학의 제반 이론을 교육하여 전문 연구능력을 갖춘 인재를 양성한다. ② 도서관·정보센터의 실무문제 해결능력을 향상시키고, 환경 변화에 대응할 수 있는 고급 전문인력을 양성한다.																				
	교수소개	<table border="1"> <tr> <td>성명</td><td>직위</td><td>학위</td><td>전공</td><td>연구분야</td></tr> <tr> <td>한경신</td><td>교수</td><td>문학박사(중</td><td>문헌정보학</td><td>자료조직</td></tr> </table>	성명	직위	학위	전공	연구분야	한경신	교수	문학박사(중	문헌정보학	자료조직	<table border="1"> <tr> <td>성명</td><td>직위</td><td>학위</td><td>전공</td><td>연구분야</td></tr> <tr> <td>박성희</td><td>조교수</td><td>공학박사(Virg</td><td>정보학</td><td>디지털도서관,</td></tr> </table>	성명	직위	학위	전공	연구분야	박성희	조교수	공학박사(Virg	정보학	디지털도서관,
성명	직위	학위	전공	연구분야																			
한경신	교수	문학박사(중	문헌정보학	자료조직																			
성명	직위	학위	전공	연구분야																			
박성희	조교수	공학박사(Virg	정보학	디지털도서관,																			





			<table><tr><td></td><td>수</td><td>사(중앙대학교)</td><td>보학</td><td></td></tr><tr><td>노정순</td><td>명예교수</td><td>정보학박사(In diana Univ.)</td><td>문헌정보학</td><td>정보학</td></tr><tr><td>김영신</td><td>명예교수</td><td>문학박사(이화여자대학교)</td><td>문헌정보학</td><td>참고정보봉사)</td></tr></table>		수	사(중앙대학교)	보학		노정순	명예교수	정보학박사(In diana Univ.)	문헌정보학	정보학	김영신	명예교수	문학박사(이화여자대학교)	문헌정보학	참고정보봉사)	
	수	사(중앙대학교)	보학																
노정순	명예교수	정보학박사(In diana Univ.)	문헌정보학	정보학															
김영신	명예교수	문학박사(이화여자대학교)	문헌정보학	참고정보봉사)															
교과목소개	<p>LI601 문헌정보학연구방법론 (Research Methods in Library and Information Science)3학점</p> <p>문헌정보학에서 일어나는 각종의 현상을 객관적으로 설명하고 예측하여 문제를 해결하기 위한 각종 과 학적 연구방법을 연구한다. 가설설정, 연구방법 설계, 데이터 수집, 가설검증을 위한 각종 통계분석 및 해석, 연구결과의 논리적 전개 및 표현 등을 다룬다.</p> <p>LI602 뉴미디어연구 (Studies in Newmedia)3학점</p> <p>도서관자료의 매체 변환이 급속하게 이루어지는 현실에서 뉴미디어에 대한 이해와 운영능력을 함양시킴을 목적으로 한다. 이를 위해 뉴미디어</p>	<p>LI601 문헌정보학연구방법론 (Research Methods in Library and Information Studies) 3학점</p> <p>문헌정보학에서 일어나는 각종의 현상을 객관적으로 설명하고 예측하여 문제를 해결하기 위한 각종 과학적 연구방법들을 연구한다. 가설설정, 연구방법 설계, 데이터 수집, 가설검증을 위한 각종 통계분석 및 해석, 연구결과의 논리적 전개 및 표현 등을 논의하고 연구한다.</p> <p>LI602 뉴미디어연구 (Studies in Newmedia) 3학점</p> <p>도서관 자료의 매체 변환이 급속하게 이루어지는 환경에서 뉴미디어에 대한 이해와 운영능력을 함양시킴을 목적으로 한다. 이를 위해 뉴미디어의 종류 및</p>	<p>코드 과목명국문(과목명영문)</p> <p>과목소개</p>																

	<p>의 종류, 생산, 이용에 이르는 과정을 학습하며, 특히 멀티미디어저작도구에 대한 실습을 통해 수강자로 하여금 전자도서관 구현을 위한 이론과 실제를 겸비하도록 한다.</p> <p>LI603 도서관·정보센터조사통계 (Statistics &amp; Informetrics)3학점 도서관·정보센터의 과학적 경영을 위해 필요한 경영정보 및 정보유통과 관련된 이용자 요구 정보 등을 수집, 분석, 해석하는 지식을 배우고 실습한다.</p> <p>LI604 도서관·정보네트워크연구 (Seminar in Library and Information Network)3학점 자원 공유와 망라적 정보제공을 위한 정보 네트워크의 구축 의의, 역사적 발전과정, 네트워크의 구조 및 표준화 등에 관한 이론적 배경을 다루고, 도서관 네트워크의 설계 및 운영을 위해서 국내·외의 실제 사례를 조사·분석과 전자도서관 형태에서의 컴퓨터 통신과 상호협력, 네트워크 모형 등을 다룬다.</p> <p>LI605 목록조직론 (Seminar in Cataloging)3학점 문헌검색을 위한 목록 및 목록학의 이론과 역대 동서양의 주요 목록법의 이론 및 실제를 연구하</p>	<p>매체별 특성, 생산, 이용에 이르는 과정을 학습한다.</p> <p>LI603 빅데이터분석연구 (Studies in Big Data Analysis) 3학점 도서관 및 기관의 데이터기반 과학적 경영을 위해 필요한 기초적인 양적조사분석방법론을 다루며, 빅데이터를 수집, 구축, 분석, 해석, 활용하기 위한 이론과 실제에 대해서 학습한다.</p> <p>LI604 학술정보네트워크 (Information and Library Network) 3학점 자료 공유와 망라적 정보제공을 위한 학술정보 네트워크 구축의 의의, 역사적 발전과정, 네트워크의 구조와 표준화 등에 관한 이론적 배경을 다루고, 학술정보 네트워크의 국내외 실제 사례를 컴퓨터 통신, 국제 상호협력의 관점에서 조사, 분석한다.</p> <p>LI605 목록조직론 (Seminar in Cataloging) 3학점 목록 및 목록학의 이론과 동서양의 주요 목록법에 대한 이론 및 실제를 연구하며, IFLA에서 제정한 국제표준서지기술(ISBD)과 국제목록규칙의 최신 동향을 살펴보고 논의함으로써 목록의 발전 방향을 검토한다.</p> <p>LI606 지능형정보시스템개론 (Introduction to Intelligent</p>	
--	--	--	--

	<p>며, 특히 이들의 현대의 표준화된 국제표준서지 기술법의 발전과 이에 따른 주요 목록규칙, MARC포맷을 분석, 이들의 문제점에 대해 논의함으로써 목록의 발전방향을 검토한다.</p> <p>LI606 정보시스템설계 (Information System Design)3학점          각종 텍스트 및 멀티미디어검색 시스템의 설계를 위하여 텍스트 및 멀티미디어 정보의 데이터 모델링, 데이터베이스 설계, 이용자 인터페이스 설계 및 시스템 내부의 구조를 연구하며, 인터넷 네트워크를 통한 시스템 운영을 위해 표준통신 및 프로토콜의 응용 및 설계를 연구한다.</p> <p>LI607 이론정보학 (Theories of Information Science)3학점          정보의 개념, 이용자의 정보요구, 정보의 생산과 분포 및 이용 등을 규명하기 위한 계량서지학적 이론, 색인이론, 검색이론 등을 주축으로 연구한다.</p> <p>LI608 특수자료론 (Seminar in Special Materials)3학점          도서관 자료 중 각종 특수자료에 대한 이론과 실재를 취급한다. 이를 위해 연속간행물을 비롯</p>	<p>Information System) 3학점          다양한 유형의 텍스트, 멀티미디어 데이터로부터 이용자들에게 필요한 정보를 서비스하기 위한 수집에서부터 저장, 활용, 보존을 위한 시스템 구성을 다룬다. 데이터베이스 설계, 이용자인터페이스 설계 및 시스템 구조를 연구하며, 온라인 및 데이터 공개를 통한 시스템 운영을 위해 표준 통신 프로토콜의 설계 및 응용을 연구한다. 이를 위해 빅데이터, 인공지능, 시맨틱웹, Ontology, XML, RDF, OWL, Linked Open Data(LOD), 데이터공개 API를 학습하고, 최신 연구 영역을 함께 파악한다.</p> <p>LI607 이론정보학 (Theories of Information Studies) 3학점          정보의 개념, 이용자의 정보요구, 정보의 생산과 분포 및 이용 등을 규명하기 위한 계량서지학적 이론, 색인이론, 검색이론 등을 주축으로 연구한다.</p> <p>LI608 독서지도론특강 (Advanced Reading Guidance) 3학점          독서지도 프로그램을 체계적, 조직적으로 수행할 수 있는 이론과 지도방법을 학습한다. 구체적으로 독서의 의의와 중요성, 독서지도의 개념, 계획, 방법, 독서치료 프로그램과 상황별 도서목록의 작성과 활용, 독서지도 평가 등의 내용을 연구하고 논의한다.</p>	
--	---	---	--

	<p>한 녹음자료, 화상 및 영상자료, 마이크로자료, 지도자료, 전자자료, 악보 등 각 자료의 특성에 따른 선정, 수집, 조직, 관리 및 이용자봉사 등에 대해 연구한다.</p> <p>LI609 정보검색론 (Theories of Information Storage and Retrieval)3학점</p> <p>정보검색시스템 운영을 위한 주제색인, 데이터베이스 조직, 이용자모델 및 정보요구, 비볼리언 검색 및 랭킹 알고리즘, 적합성 피드백 알고리즘을 사용한 탐색평가 및 재수행 모델, 탐색모델(전략), 이용자 중심 인터페이스 설계 등에 관한 이론적, 실제적 문제를 연구한다.</p> <p>LI610 정보분류론 (Seminar in Information Classification)3학점</p> <p>정보분류의 이론과 역대 동서양의 주요 문헌분류법의 이론과 실재를 연구한다. 특히 현대의 주요 일반 문헌분류법 중 열거식분류표로서 LCC, 준열거식분류표로서 UDC와 DDC, 그리고 분석합성식 분류표로서 CC에 대한 이론과 실재를 다루며 이들 분류법을 비교 분석, 평가한다.</p> <p>LI611 정보공학 (Information Technology)3학점</p> <p>정보검색시스템 구축에 필요한 최신 기술을 시</p>	<p>LI609 정보검색론 (Seminar in Information Retrieval Theory) 3학점</p> <p>정보검색 시스템 운영을 위한 주제색인, 데이터베이스 조직, 이용자모델 및 정보요구, 검색 알고리즘, 적합성 피드백을 활용한 모델 평가, 탐색전략 및 모델, 이용자 중심 인터페이스 설계에 대한 이론적, 실제적 문제들을 연구한다.</p> <p>LI610 정보분류론 (Seminar in Information Classification) 3학점</p> <p>정보분류의 이론과 동서양의 주요 문헌 분류법의 이론과 실재를 다룬다. 특히 열거식 분류표로서 LCC, 준열거식 분류표로서 UDC와 DDC, 그리고 분석합성식 분류표로서 CC에 대한 이론과 실재를 다루며 이들 분류법에 대해 비교·분석, 평가를 진행한다.</p> <p>LI611 정보공학 (Information Technology) 3학점</p> <p>정보검색 시스템 구축에 필요한 최신 기술과 기법들의 발전과정을 검토하고, 실제 구현 가능한 정보시스템 설계와 응용에 대해 다룬다.</p> <p>LI612 도서관자원개발론 (Collection Development) 3학점</p> <p>도서관자원개발의 근거인 장서개발 원리와 이론을</p>	
--	--	--	--

	<p>대적 요구에 부응하여 연구과제로 선택한다. 최근 과제로는 웹에서 응용프로그램 개발을 위한 프로그래밍, 그래픽 디자인, 데이터베이스, API 사용 등에 사용되는 최신 정보기술을 연구한다.</p> <p>LI612 도서관자원개발론 (Collection Development)3학점</p> <p>도서관자원개발의 근거인 장서개발 원리와 이론을 연구한다. 동시에 개별 도서관 환경에서의 특정 이용자군의 요구, 장서기준, 예산, 가용 선택 보조도구, 출판유통 환경, 예산, 정책 등과 관련된 환경적 제약 아래 최적의 장서구축을 시도할 때 발생할 수 있는 실제 문제들에 관해 논의한다. 조사 연구대상이 될 세부분야는 정보자원의 생산과정으로부터 자료의 평가와 선택, 입수, 유통체계, 자원공유, 관리와 폐기, 평가정책의 수정에 이르기까지 장서구축의 전 과정을 포함한다.</p> <p>LI613 전문정보센터경영론 (Studies in Specialized Information Centers)3학점</p> <p>도서관 운영의 제반 문제와 이론을 다루고, 경영학, 행정학 등 조직의 경영관리에 관련된 학문의 이론 소개와 전용을 병행하여 도서관 경영의 전반적인 이론적 배경을 살펴본다. 또한 학술정보와 주제전문 정보를 다루는 정보센터 경영에 관</p>	<p>연구하며 최적의 장서구축을 시도하기 위한 다양한 문제들에 대해 논의한다. 관종별 도서관 환경에서 각 이용자군의 요구와 장서기준, 예산, 선택보조도구, 출판유통 환경, 예산, 정책 등과 관련된 환경적 요인을 살펴본다. 도서관 내부적으로 장서 평가와 선택, 입수, 유통체계, 자원공유, 관리, 폐기, 평가정책 등을 살펴볼 수 있도록 한다.</p> <p>LI613 도서관정보센터경영특강 (Seminar in Management of Library and Information Center) 3학점</p> <p>각종 도서관, 정보센터, 정보기구의 경영 활동, 즉, 기획, 조직, 인사, 통제, 재정, 평가에 관련된 당면 주요 연구 문제를 다룬다.</p> <p>LI614 도서관마케팅론 (Seminar in Library Marketing) 3학점</p> <p>도서관, 정보센터 등의 경영에 있어 이용자가 원하는 가치를 창출하고 이를 적극 활용하기 위한 일련의 과정인 마케팅(PR 포함) 전반에 대한 이해와 서비스 품질 평가 등에 대한 다양한 기법을 연구한다.</p> <p>LI615 정보서비스세미나 (Seminar in Reference and Information Services) 3학점</p> <p>정보서비스의 철학적 기반, 업무의 영역과 조직, 일반 및 특수 이용자군을 위한 서비스 유형 및 독자상</p>	
--	---	---	--

	<p>한 실제적인 문제를 대상으로 분석·평가해 봄으로써 이론과 실제를 함께 다룬다.</p> <p>LI614 동양서지학연구 (Studies in Oriental Bibliography)3학점  동양 즉 중국, 한국, 일본의 서지학과 그 연구동향 전반에 대하여 고찰하는 교과목으로서 다음과 같은 세부 영역에 대하여 연구한다. 목록과 목록학의 발전과정을 연구한 체계서지학, 원문서지적 측면에서 교감학, 사본을 포함한 목판본, 활자본의 발전과정과 판본의 감정법을 다루는 판본학, 동양 전통 분류법의 역사와 각 분류법간의 비교분석, 문자 및 서사재료의 발전과정, 역대 왕조에서의 서적제도, 고대에서 현대에 이르기까지의 시대별·지역별 도서관의 발전과정, 한국학 관련 서목에 대한 고찰과 그 분, 한국 서지학의 전개과정에 대한 고찰 및 주요한 한국전적의 연구 등이다.</p> <p>LI615 참고정보서비스특강 (Advanced Reference and Information Service)3학점  도서관서비스 활동의 핵심인 정보조사제공업무의 이론과 실제를 연구한다. 논의될 세부영역은 정보서비스의 철학적 기반, 업무의 영역과 조직, 일반 및 특수 이용자 군을 위한 서비스 유형 및</p>	<p>답 형태, 정보탐색에 있어 기본지식인 서지조직의 원리 등을 연구하고 논의한다.</p> <p>LI616 공공도서관연구 (Seminar in Public Library) 3학점  공공도서관은 사회의 기억장치로서 한 사회의 지식자원을 관리유통하며, 그 지역사회가 부여한 정보·문화·교육의 장 기능을 수행하여 왔다. 본 과목에서는 공공도서관의 기반 철학 성립, 사회변화에 따른 발전과정과 역할의 변화를 고찰하고, 현재 지식정보사회에서 지역주민을 위한 정보서비스기관으로서의 기능을 제대로 수행하기 위한 새로운 개념의 자서개발, 독서 인구 개발, 프로그램 개발·운영 및 평가를 포함한 공공도서관 서비스 전반에 걸친 면들을 조사하고 연구한다.</p> <p>LI617 디지털아카이브연구 (Studies in Digital Archiving) 3학점  디지털 환경에서 디지털 정보에 대한 활용이 가능하도록 정보자원의 디지털화 및 자원기술의 이론과 실제를 다룬다. 디지털도서관 개념을 포함한 디지털아카이브 구축에 필요한 지식습득을 목표로 디지털아카이브 구축사례를 연구하고, 자료의 디지털화와 디지털장서의 구축, 전자출판 및 보존, 디지털자료의 표준 및 메타데이터 등 디지털아카이브 구축에 필요</p>	
--	---	--	--

	<p>독자상담 형태, 정보탐색에 있어 기본지식인 서지조직의 원리 등이다. 새로운 저자환경에서의 이용자의 정보이용능력 증대를 위한 다양한 정보이용교육 사서의 계속교육, 전자자원의 문제 뿐 아니라 실제 상황에서 일어나는 서비스 현장의 문제들을 조사하여 분석·평가하는 작업도 병행한다.</p> <p>LI616 공공도서관연구 (Seminar in Public Library Service)3학점</p> <p>공공도서관은 사회의 기억장치로서 한 사회의 지식자원을 관리유통하며, 그 지역사회가 부여한 정보·문화·교육의 장 기능을 수행하여 왔다. 본 과목에서는 공공도서관의 기반 철학 성립, 사회변화에 따른 발전과정과 역할의 변화를 고찰하고, 현재 지식정보 사회에서 지역주민을 위한 정보서비스기관으로서의 기능을 제대로 수행하기 위한 새로운 개념의 장서개발, 독서인구 개발, 프로그램 개발·운영 및 평가를 포함한 공공도서관 서비스 전반에 걸친 면들을 조사하고 연구한다.</p> <p>LI617 디지털도서관 구축론 (Digital Libraries)3학점</p> <p>디지털도서관 구축에 필요한 지식습득을 목표로 디지털도서관 구축사례를 연구하고, 자료의 디지</p>	<p>한 요소기술 및 정보서비스 개념, 평가방법을 배운다.</p> <p>LI618 정보행태론 (Seminar in Information Behavior) 3학점</p> <p>정보시스템 설계와 정보서비스 개발에 기초가 되는 이용자(혹은 비이용자)들의 정보요구 및 추구행태를 조사하고 분석하는데 필요한 다양한 이론과 모델 그리고 방법론을 연구하고 논의한다. 다양한 이용자 집단의 상황별 정보요구와 정보추구 및 이용행태를 조사하고 분석하는 과정을 통해 이 내용을 정보서비스 및 시스템 개발현장에 적용하는 능력을 배양한다.</p> <p>LI619 메타데이터 (Seminar in Metadata) 3학점</p> <p>디지털환경에서 기계가독 메타데이터의 개발과 운영을 목표로 한다. 다양한 정보자원의 기술을 위해 개발된 각종 메타데이터의 기술요소와 구조, 기법들을 검토하고, 상이한 메타데이터 간의 연결 구조를 검토한다.</p> <p>LI620 이용자인터페이스설계 (User Interface Design) 3학점</p> <p>이용자 행태와 정보 시스템의 기능적 측면을 고려한 이용자인터페이스의 설계를 다룬다. 본 과목의 목적은 이용자인터페이스를 조사·분석하고 평가하며, 사</p>	
--	---	--	--

	<p>털화와 디지털장서의 구축, 전자출판 및 보존, 디지털자료의 표준 및 메타데이터 등 디지털도서관 구축에 필요한 기술을 배운다.</p> <p>LI618 정보이용자연구 (Studies in Information Users)3학점 정보의 효과적인 전달과 이용을 위한 이론, 특히 이용자의 정보요구와 정보 탐색형태를 연구한다.</p> <p>LI619 메타데이터 (Seminar in Metadata)3학점 디지털환경에서 기계가독메타데이터의 개발과 운영을 목적으로 표준화와 기술적 응용을 다룬다. 이를 위해 워크자원의 기술을 위해 개발된 각종 메타데이터의 기술요소와 구조, 태킹 기법을 검토하고, 상이한 메타데이터간의 연결구조를 검토한다.</p> <p>LI620 이용자인터페이스설계 (User Interface Design)3학점 이용자 행태와 정보 시스템의 기능적 측면을 고려한 이용자 인터페이스의 설계를 다룬다. 본 과목의 목적은 학생들로 하여금 현존하는 이용자 인터페이스들을 평가, 비평하고 인터페이스 구축 보조 도구인 델파이를 이용하여 직접 자신들의 인터페이스를 설계하고 구축하도록 하는데 있다.</p>	<p>용자 경험(UX)에 기반한 이용자인터페이스 설계를 위해 디자인 싱킹(Design Thinking)을 활용하여 직접 이용자인터페이스를 설계하고 구축하도록 하는 데 있다.</p> <p>LI621 데이터마이닝특론 (Special Topics in Data Mining) 3학점 각종 텍스트 및 멀티미디어 자료로부터 의미있는 정보를 추출하기 위해 필요한 텍스트 및 멀티미디어 데이터의 전처리, 기계학습기법, 인공신경망기법을 포함한 기초적인 데이터마이닝 기법들을 다룬다.</p> <p>논문 연구 석사논문연구 I (Research for the Master' s Degree I )0학점 석사논문연구 II (Research for the Master' s Degree II )0학점</p>	
--	--	--	--



		<p>LI621 시멘틱웹구축론 (Structure of Semantic Web)3학점</p> <p>디지털 환경에서 시멘틱 웹 구축을 위한 이론과 실제를 다룬다. 이를 위해 시멘틱 웹의 이론적 배경, Ontology, XML, RDF, OWL, Linked Data, Social Network를 학습하고, 최신연구영역을 함께 파악한다.</p> <p>논문 연구</p> <p>석사논문연구 I (Research for the Master' s Degree I )0학점</p> <p>석사논문연구 II (Research for the Master' s Degree II )0학점</p> <p>박사논문연구 I (Research for the Doctoral Degree I )0학점</p> <p>박사논문연구 II (Research for the Doctoral Degree II )0학점</p> <p>박사논문연구 III (Research for the Doctoral Degree III )0학점</p>		
영문 홈페이지	교육목적	<p>Library and Information Science at Hannam University prides itself on providing high quality educational and field opportunities in a learning</p>	<p>Library and Information Science at Hannam University prides itself on providing high quality educational and field opportunities in a learning environment. The</p>	

		environment. The school educates students to become leaders in an ever-changing information society.	school educates students to become leaders in an ever-changing information society.																						
	교육과정	<p>We are inspired by information. We want to know how vital information is to all aspects of life. We prepare information professionals to handle diverse types of information.</p> <p>We focus on people. We see information everywhere nowadays. We want people to use information effectively and efficiently to solve everyday information problems. We prepare information professionals to provide users with diverse information services, such as information retrieval, information literacy, and education.</p> <p>We use technology. Information is embedded in technology. We prepare information technicians to follow up on technical issues in a timely manner.</p>	<p>We are inspired by information. We want to know how vital information is to all aspects of life. We prepare information professionals to handle diverse types of information.</p> <p>We focus on people. We see information everywhere nowadays. We want people to use information effectively and efficiently to solve everyday information problems. We prepare information professionals to provide users with diverse information services, such as information retrieval, information literacy, and education.</p> <p>We use technology. Information is embedded in technology. We prepare information technicians to follow up on technical issues in a timely manner.</p>																						
	교수소개	<table><tr><td>Name</td><td>Position</td><td>Degree (University)</td><td>Field of Instruction</td><td>Area of Research</td></tr><tr><td>Kyung Shin Hahn</td><td>Professor</td><td>Ph.D. (Chung-ang University)</td><td>Library &amp; Information Science</td><td>Information Science</td></tr></table>	Name	Position	Degree (University)	Field of Instruction	Area of Research	Kyung Shin Hahn	Professor	Ph.D. (Chung-ang University)	Library & Information Science	Information Science	<table><tr><td>Name</td><td>Position</td><td>Degree (University)</td><td>Field of Instruction</td><td>Area of Research</td></tr><tr><td>Sung Hee Park</td><td>Professor</td><td>Ph.D. (Virginia Tech University,</td><td>Information Science</td><td>Digital Libraries &amp; Information System</td></tr></table>	Name	Position	Degree (University)	Field of Instruction	Area of Research	Sung Hee Park	Professor	Ph.D. (Virginia Tech University,	Information Science	Digital Libraries & Information System		
Name	Position	Degree (University)	Field of Instruction	Area of Research																					
Kyung Shin Hahn	Professor	Ph.D. (Chung-ang University)	Library & Information Science	Information Science																					
Name	Position	Degree (University)	Field of Instruction	Area of Research																					
Sung Hee Park	Professor	Ph.D. (Virginia Tech University,	Information Science	Digital Libraries & Information System																					

		sity, Korea)	e	
Sung Hee Park	Profess or	Ph.D. (Virgini a Tech Univer sity, USA)	Inform ation Scienc e	Digital Libraries & Informatio n System
Joung Hwa Koo	Profess or	Ph.D. (Florid a State Univer sity, USA)	Inform ation Servic es& User Study& Readin g Educati on	Informatio n Services & Informatio n Behavior
Sun Young Kwon	Profess or	Ph.D. (Sungk yunkw an Univer sity, Korea)	Library &Infor mation Scienc e	Library & Informatio n Science

		USA)		
Joung Hwa Koo	Profess or	Ph.D. (Florid a State Univer sity, USA)	Informati on Services & User Study& Reading Educatio n	Information Services & Information Behavior
Sun Young Kwon	Profess or	Ph.D. (Sungk yunkw an Univer sity, Korea)	Library &Informa tion Science	Library & Information Science
Yoo Kyung Jeong	Profess or	Ph.D. (Yonse i Univer sity, Korea)	Library &Informa tion Science	Information Science
Boll Kim	Profess or	Ph.D (Kyong	Library &Informa	Information Science



			<table> <tr> <td></td><td>s</td><td>ns Univer sity, Korea)</td><td>Science</td><td></td></tr> </table>		s	ns Univer sity, Korea)	Science		
	s	ns Univer sity, Korea)	Science						
	교과목소개	<ul style="list-style-type: none"> <li>• Course Description</li> <li>• (LI601) (Research Methods in Library and Information Science) (3 credits)</li> </ul> <p>This course addresses research methods used in library and information science and statistical methods of data description and analysis. Problem definition and formulation of questions to design, data collection, analysis, and reporting are covered. Students recognize research opportunities, translate them into researchable frameworks, design research projects, and write a research proposal.</p> <ul style="list-style-type: none"> <li>• (LI602) (Studies in Newmedia) (3 credits)</li> </ul> <p>This course studies advanced perspectives on new-media and deals with theories and methods of all processes of producing, and operating multimedia information materials due to the changes of library materials. Students will acquire and</p>	<ul style="list-style-type: none"> <li>• Course Description</li> <li>• (LI601) (Research Methods in Library and Information Studies) (3 credits)</li> </ul> <p>The course covers a variety of research methods that may be used in information studies. It explores general, epistemological, and ethical issues with research, methods of data collection; techniques for data analysis; and evaluation of research. It includes readings, short-and long-form writing, in-class discussions, and practical exercises in research methods.</p> <ul style="list-style-type: none"> <li>• (LI602) (Studies in Newmedia) (3 credits)</li> </ul> <p>The purpose of this course is to cultivate the understanding and operational ability of new media in an environment where library materials are converted to media more rapidly than ever before. For this purpose, we learn the process leading to the types of new media and the characteristics of each media, production and use.</p>						

		<p>develop both theoretical and practical knowledge and skills for new-media. Also, they will develop new-media management ability through the study and practice in this course.</p> <ul style="list-style-type: none"> <li>• (LI603) (Statistics &amp; Informetrics) (3 credits) This course introduces history and meaning, and structure, standardization of information management network systems. Also, it deals with theories and methods of design and management for network systems including information resource sharing, collaboration technologies and network models.</li> <li>• (LI604) (Seminar in Library and Information Network) (3 credits) This course introduces history and meaning, and structure, standardization of information management network systems. Also, it deals with theories and methods of design and management for network systems including information resource sharing, collaboration technologies and network</li> </ul>	<ul style="list-style-type: none"> <li>• (LI603) (Studies in Big Data Analysis) (3 credits) This course deals with basic quantitative research methods to need for data-driven library and instituted management. The students will learn theories and practices to collect, construct, analyze, and interpret the big data.</li> <li>• (LI604) (Information and Library Network) (3 credits) This course aims at understanding the process of scholarly communication and cooperative activities between library networks for providing comprehensive information to satisfy users' information needs.</li> <li>• (LI605) (Seminar in Cataloging) (3 credits) This course studies the theory and practice of cataloging and major cataloging methods in the East and the West. The development direction of the catalog is reviewed by examining and discussing the latest trends in the International Standard Bibliographic Description (ISBD) and International Cataloging Rules established by IFLA.</li> <li>• (LI606) (Introduction to Intelligent Information System) (3 credits) This course deals with system organization for</li> </ul>	
--	--	---	---	--

		<p>models.</p> <ul style="list-style-type: none"> <li>• (LI605) (Seminar in Cataloging) (3 credits) This course treats the fundamentals in cataloging. These include theory, history, standards, rules, and MARC formats for representing information entities in library catalogs. Special emphasis is placed on KCR4, AACR2R, KORMARC, and MARC21.</li> <li>• (LI606) (Information System Design) (3 credits) This course is an Introduction to the systems approach to the design and development of information systems. Methods and tools for the analysis and modeling of system functionality(e.g., structured analysis) and data represented in the system (e.g., object-oriented analysis) are studied. This course also addresses analysis of organizational problems, how information systems can be designed to solve those problems, application of database and interface design principles to the implementation of information systems, and focuses on methods to analyze the</li> </ul>	<p>collection, storing, utilizing, serving, and preserving information necessary for users from various types of text and multimedia data. Database design, user interface design, and system architecture are studied, and the design and application of standards communication protocols for open/online access information(OAI) are studied. In addition, Big Data, Artificial Intelligence, Semantic Web, Ontology, XML, RDF, OWL, Linked Open Data(LOD), and Open Data API, and the latest research topics in this area can be taught.</p> <ul style="list-style-type: none"> <li>• (LI607) (Theories of Information Studies) (3 credits) This course discusses and critiques the structural components and research processes related to the origination, construction, and evolution of theory. In the course, the study will read critically the area of theory creation and development; understand and practice tools to critique theories; analyze the progression of ideals through the development of a specific theory in the areas of Information Studies such as bibliometrics, information retrieval, information organization including index and thesaurus, information behavior, etc.</li> </ul>	
--	--	--	---	--

		<p>need of users and to design effective information systems and interfaces, emphasizing behavioral approaches to information systems for document retrieval, filtering, and visualization.</p> <ul style="list-style-type: none"> <li>• (LI607) (Theories of Information Science) (3 credits)</li> </ul> <p>This course addresses theories and techniques in information science that investigate the structure and characteristics of scientific information, and also general laws governing all scientific communication process. Communication and use of information, information processing, storage and retrieval, informatics, and information networks are covered.</p> <ul style="list-style-type: none"> <li>• (LI608) (Seminar in Special Materials) (3 credits)</li> </ul> <p>This course treats the fundamentals in organization and management of nonbook materials, including music, sound recordings, motion pictures and video recordings, graphic materials, electronic resources, microforms, cartographic</p>	<ul style="list-style-type: none"> <li>• (LI608) (Advanced Reading Guidance) (3 credits)</li> </ul> <p>The course overviews the characteristics and the information needs of children and young adults, and the resources and strategies that may educate and guide their reading in the fields of public library or school library. It also considers developmental stages of children and young adults are taken into consideration in understanding their information needs. The course focuses on fiction and nonfiction materials published for ages 3-18 and discusses(or develops) various pedagogies and strategies of reading guidance for children and young adults.</p> <ul style="list-style-type: none"> <li>• (LI609) (Seminar in Information Retrieval Theory) (3 credits)</li> </ul> <p>The course aims to understand the theories of traditional information retrieval, recent research trends and IR techniques including indexing, text processing, search algorithms, relevance feed back, system evaluation and so on.</p> <ul style="list-style-type: none"> <li>• (LI610) (Seminar in Information Classification) (3 credits)</li> </ul> <p>This course studies the theory and practice of information classification and classification of</p>	
--	--	---	--	--



		<p>materials, etc.</p> <ul style="list-style-type: none"> <li>• (LI609) (Theories of Information Storage and Retrieval) (3 credits)</li> </ul> <p>This course focuses on theories, models and techniques in information retrieval and reviews user-centered and system-centered approaches. Issues involved in the design, development and evaluation of IR systems are examined including:</p> <p>traditional experimental design, cognitive, and naturalistic approaches to studying the fundamental concepts of information retrieval, Anomalous States of Knowledge, relevance, information need, search behavior and process, system interface, query formulation, matching, relevance feedback algorithms, subject indexing, document classification and clustering, ranking, and evaluation.</p> <ul style="list-style-type: none"> <li>• (LI610) (Seminar in Information Classification) (3 credits)</li> </ul> <p>This course focuses on the fundamentals in classification of library information</p>	<p>documents in the East and the West, In particular, the theory and practice of LCC, UDC, DDC, and CC are dealt with, and comparative analysis and evaluation of these classification methods are conducted.</p> <ul style="list-style-type: none"> <li>• (LI611) (Information Technology) (3 credits)</li> </ul> <p>This course examines the recent theories and techniques for developing information system and their applications. Based on theoretical foundation, students learn the practical application of information technologies.</p> <ul style="list-style-type: none"> <li>• (LI612) (Collection Development) (3 credits)</li> </ul> <p>The principles and theories of collection development, which are the basis for library resource development, are studied, and various problems to try to construct the optimal collection are discussed. The needs and collection standards of each user group in the library environment for each type of library. Budget, Choice Aids. Environmental factors related to the publishing and distribution environment, budget, and policies are examined. In addition, it is possible to examine collection evaluation, selection, acquisition, distribution system, resource sharing, management and disposal,</p>	
--	--	---	--	--

		<p>materials. These include theory, history, and application in classifying information materials and making book number and location marks. Special emphasis is place on DDC and KDC.</p> <ul style="list-style-type: none"> <li>• (LI611) (Information Technology) (3 credits) This course is an introduction to structured object-oriented programming for information systems. The focus is on fundamental principles of programming with attention to elementary algorithms and data structures, interface design, user testing, and knowledge representation. Students study one of the Visual programming language(Visual Basic, Java script, C++, etc.) to develop a information system.</li> <li>• (LI612) (Collection Development) (3 credits) This course involves theoretical and practical aspects of the selection, evaluation, and management of collections in all types of libraries to meet various information needs of users.</li> </ul>	<p>and evaluation policy within the library.</p> <ul style="list-style-type: none"> <li>• (LI613) (Seminar in Management of Library and Information Center) (3 credits) This course deals with major research questions at hand that are related to the management activities of libraries, information centers, and information organizations, that is planning organizations, personnel affairs, control, finance, and assessment.</li> <li>• (LI614) (Seminar in Library Marketing) (3 credits) This course offers understanding about marketing at large (including PR), which is a series of courses for the creation and active use of values desired by users in the management of libraries, information centers, etc. as well as various techniques for service quality evaluation.</li> <li>• (LI615) (Seminar in Reference and Information Services) (3 credits) The course discusses and considers the main concepts and philosophies of information services; utilize various types of reference/information tools; develops skills to plan and conduct information searches and to synthesize information for others,</li> </ul>	
--	--	--	--	--

		<p>Acquisitions, publishers and publishing, policy making, and intellectual freedom and censorship are also covered.</p> <ul style="list-style-type: none"> <li>• (LI613) (Studies in Specialized Information Centers) (3 credits)</li> </ul> <p>The information demands and needs of university library and research library users are mainly specific and academic. The librarians of the libraries need special knowledge, and skills specialism because their information services are very complicated and special. Therefore, this course aims to cultivate specialists functioning and performing as library managers to control operations of the libraries. This course also deals with theories and practices concerned with special library systems and networks to satisfy the course goals.</p> <ul style="list-style-type: none"> <li>• (LI614) (Studies in Oriental Bibliography) (3 credits)</li> </ul> <p>This course examines concepts of bibliography, coverage, history, characteristics</p>	<p>with and emphasis on understanding and conduction reference interviews; demonstrates the ability to conduct effective searches; discusses various types of information services offered by libraries and other information-providing agencies; learn and suggests various methods of evaluation performance of reference/information agencies.</p> <ul style="list-style-type: none"> <li>• (LI616) (Seminar in Public Library) (3 credits)</li> </ul> <p>Public libraries, as the memory devices of society, manage and circulate the knowledge resources of society, and have fulfilled their role as spaces for information, culture, and education in community. In this course, students will study the formation of the fundamental philosophy of public libraries, the process of their development according to social change, and changes in their roles; and examine and investigate all aspects of public library services including the cultivation of reading population, the development, operation and assessment of programs, and the development of collection of new concept for the proper fulfillment of their function as information service institution for community inhabitants in the current knowledge information society.</p>	
--	--	--	---	--

	<p>of metal type, and terminology, binding, and type of books. It covers diverse areas of the bibliography such as the original bibliography and the systematic bibliography and aims to improve abilities to evaluate Korea meta type and specific types as reference librarians.</p> <ul style="list-style-type: none"> <li>• (LI615) (Advanced Reference and Information Service) (3 credits) General consideration of reference and information services and the ways in which the services are pursued and retrieved, and practices for using primary and secondary resources, indexes, bibliographies, citators, and on-line reference sources are covered.</li> <li>• (LI616) (Seminar in Public Library Service) (3 credits) In this course, students will study elementary &amp;secondary curriculum and the school media center program; analysis, appraisal, selection, and use of curricular resources and related print and non-print</li> </ul>	<ul style="list-style-type: none"> <li>• (LI617) (Studies in Digital Archiving) (3 credits) This course concerns with theories and practices for digitalizing of information resources and describing their metadata. The course will aims students to learn the theories and practices for constructing and operating the digital archives including data digitalization, digital collection development, matadata and standards, digital information publishing ad preservation, information technologies for developing digital archives, the concept of information services, evaluation methods.</li> <li>• (LI618) (Seminar in Information Behavior) (3 credits) The course provides students with an overview that emphasizes the user' s perspective in the analysis of information needs and demands, including human information-seeking behaviors of a variety of users and user groups. The course considers the basic philosophical and conceptual approaches to the study of information, information needs, information seeking, and information behavior; recognizes a range of approaches to information needs and behavior assessment; appreciates how information behavior studies are done, using a range of technologies; reviews the current literature addressing information</li> </ul>	
--	---	---	--

		<p>materials.</p> <p>Problems, practices, and services in the management of public libraries, standards, programs and services, facilities, policies, budgets, human and organizational factors are also covered.</p> <ul style="list-style-type: none"> <li>• (LI617) (Digital Libraries) (3 credits)</li> </ul> <p>This course studies principles for the design, selection, implementation and management of automated systems of all types in libraries, including systems for technical services processing, reference and user services, and management. The focus is mainly on present and future applications of technology in libraries, their technical features, and their implications for library services and management, design and operation of digital libraries, and related electronic publishing practices from an socio-technical perspective. Some practical experience with a particular application is provided.</p> <ul style="list-style-type: none"> <li>• (LI618) (Studies in Information Users) (3 credits)</li> </ul>	<p>behaviors for various user populations.</p> <ul style="list-style-type: none"> <li>• (LI619) (Seminar in Metadata) (3 credits)</li> </ul> <p>This course covers the metadata schema, application profiles, synthesis of theories, interoperability, and techniques related to the construction of metadata using XML.</p> <ul style="list-style-type: none"> <li>• (LI620) (User Interface Design) (3 credits)</li> </ul> <p>This course deals with the design of user interfaces that consider user behaviors and the functional aspects of information system. The goal of this course is to examine, analyze and evaluate user interfaces, and to design and build user interfaces directly, using design thinking for the design of user experience (UX)-based user interfaces.</p> <ul style="list-style-type: none"> <li>• (LI621) (Special Topics in Data Mining) (3 credits)</li> </ul> <p>This course introduces the basics of data mining techniques that include text and multimedia data preprocessing, machine learning techniques and artificial neural networks.</p> <ul style="list-style-type: none"> <li>• Research for the Master's Degree I 0 credits</li> <li>• Research for the Master's Degree II 0 credits</li> </ul>	
--	--	---	--	--

		<p>To serve needs of user groups, the course introduces the user-centered approach to information behavior. Theoretical foundations of various information behaviors such as information needs, utilizing, gathering, seeking, and evaluating, synthesis of user studies, construction of user profiles, performance of gap analysis, and application of the results of user studies to improve services and system design are also studied.</p> <ul style="list-style-type: none"> <li>• (LI619) (Seminar in Metadata) (3 credits) This course explores principles of metadata schema and application profile design, and implementation using XML technologies. It also examines syntactic and semantic interoperability among diverse schemas and application profiles.</li> <li>• (LI620) (User Interface Design) (3 credits) This course covers the principles of information architecture and process &amp; methodology of information architecture and</li> </ul>		
--	--	--	--	--

		<p>includes information architecture in practice and case studies.</p> <ul style="list-style-type: none"> <li>• (LI621) (Structure of Semantic Web) (3 credits) This course focuses on JR service development, based on Web and mobilephone. Students study information architecture as an approach for site organization and design, and learn about project management for complex web development tasks. In lab sessions, students work with advanced mark-up languages and scripting and develop sites, typically for real clients using MS Bland etc.</li> <li>• Research for the Master's Degree I 0 credits</li> <li>• Research for the Master's Degree II 0 credits</li> </ul>		
--	--	--	--	--

※ 국문 홈페이지 수정사항은 영문 홈페이지에도 동일하게 작성해주셔야 합니다.

※ 수정 요청사항이 없을 시 “-” 로 표기하여 보내주시기 바랍니다.