

Graduate School of Library, Information and Media Studies

For those who enrolled in or after 2015

Lecture

| Course Number | Course Name | 授業方法 | Credits | Standard Academic Year | Course Offering Term | Weekday and Period | Classroom | Instructor | Course Overview | Remarks |
|---------------|--|------|---------|------------------------|----------------------|--------------------|-----------|------------------------------|--|---|
| 01MB103 | Legal Study on Internet Issues | 1 | 2.0 | 1, 2 | FallAB | Tue5, 6 | 7A206 | Tetsuji Satoh | Students will look into various laws regarding the internet and legal issues emerging from the current network society. The course will provide an overview of some internet laws and related topics in Japan. They include the Copyright Act, the Unfair Competition Prevention Act, rights to information privacy, the Personal Information Protection Act, confidentiality of communication, and cyber crime. Students will be expected to study the legal aspects of these issues and give a presentation. | Open in Every Odd Years in English Lecture |
| 01MB105 | History of Libraries and Communication Media | 1 | 2.0 | 1, 2 | SprAB | Thu1, 2 | 7A202 | Saori Donkai, Yoshihiro Goto | This course will provide an overview of a history of libraries as a knowledge resource and a history of books as an information media from earliest times through the 20th century. We will particularly focus on Japan, Britain and North America about the development of the libraries. | Open in Every Even Years in English Lecture |
| 01MB106 | Information Seeking and Retrieval | 1 | 2.0 | 1, 2 | SprAB | Thu1, 2 | 7A204 | Hideo Joho, Haitao Yu | In this course, students will gain the basic understanding of information seeking and retrieval with the focus on interaction between users and information retrieval (IR) systems. Students will be given opportunities to critically think about the relationship between system aspects such as search engine architecture and search interfaces, and user aspects such as query formulation and relevance judgements. This course also discusses both system-oriented and user-oriented approaches to evaluation of information retrieval. Finally, advanced topics and latest research trends will be introduced. | Open in Every Odd Years in English Lecture |
| 01MB109 | Requirements Analysis and Project Management | 1 | 2.0 | 1, 2 | FallAB | Fri1, 2 | 7C103 | Taro Teduka | In a project involving many participants, project management is necessary in order to make effective collaboration among members. Also, it is crucial to correctly grasp the requirements of the client. In this lecture, various techniques developed to meet such needs, namely requirement analysis and project management, will be covered. For requirement analysis, object oriented analysis and formal methods will be discussed. Students will practice drawing UML diagrams using a modeling tool. For project management, the course will cover methods in PMBOK, including man-hour estimation using WBS and scheduling using PERT. | Open in Every Odd Years in English Lecture |
| 01MB111 | Communication and Culture | 1 | 2.0 | 1, 2 | SprAB | Tue5, 6 | 7A202 | Junko Teruyama, Shaoyu Ye | This course covers the basic theories of communication and culture and examines the relationship between the two. | Open in Every Odd Years in English Lecture |
| 01MB156 | Global research seminar 1a | 2 | 1.0 | 1, 2 | SprABC | Intensive | | Yuzuru Hiraga | 筑波大学海外留学支援事業(はばたけ!筑大生)の「海外学会等参加支援プログラム」採択者が履修するための科目である。 | 履修対象者は専攻長が指示する。01MB157との重複履修不可。 |
| 01MB157 | Global research seminar 1b | 2 | 1.0 | 1, 2 | FallABC | Intensive | | Yuzuru Hiraga | 筑波大学海外留学支援事業(はばたけ!筑大生)の「海外学会等参加支援プログラム」採択者が履修するための科目である。 | 履修対象者は専攻長が指示する。01MB156との重複履修不可。 |
| 01MB158 | Global research seminar 11a | 2 | 1.0 | 1, 2 | SprABC | Intensive | | Yuzuru Hiraga | 筑波大学海外留学支援事業(はばたけ!筑大生)の「海外学会等参加支援プログラム」採択者が履修するための科目である。 | 履修対象者は専攻長が指示する。履修対象者は01MB156もしくは01MB157の履修者に限る。01MB159との重複履修不可。 |

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| 01MB159 | Global research seminar IIb | 2 | 1.0 | 1, 2 | Fall/ABC | Intensive | | Yuzuru Hiraga | 筑波大学海外留学支援事業(はばたけ!筑大生)の「海外学会等参加支援プログラム」採択者が履修するための科目である。 | 履修対象者は専攻長が指示する。履修対象者は01MB156もしくは01MB157の履修者に限る。01MB158との重複履修不可。 |
| 01MB201 | Problem Description and Formalization | 1 | 2.0 | 1, 2 | Fall/AB | Mon1, 2 | 7A206, 7C103 | Nobutaka Suzuki, Hisashi Nakai | In order to solve problems in the real world, we need to comprehend the problems appropriately and formalize them. This course discusses the formal description and manipulation of XML documents, formal language theory such as regular expression, and artificial languages as applications of formal language theory. | Lecture |
| 01MB202 | Natural Language Processing | 1 | 2.0 | 1, 2 | Spr/AB | Fri5, 6 | 7A203 | Yohei Seki, Kei Wakabayashi | This course is intended for people who want to learn Natural Language Processing technologies (e.g., Part of Speech tagging, syntactic analysis, machine learning, or term clustering) using Python programming and basic theories to analyze written language in newspapers or web corpora to implement information access technologies such as information extraction, text classification, automatic summarization, and sentiment analysis. | Open in Every Even Years in English Lecture |
| 01MB208 | Speech and Audio Processing | 1 | 2.0 | 1, 2 | Fall/AB | Thu1, 2 | 7A203 | Hiroko Terasawa | Students will explore the various research fields in music and audio technology and deepen the knowledge in a selected field, through lectures, guided reading, and discussions. Research areas are, including but not limited to, audio engineering, sound synthesis/design/sonification, psychoacoustics/music psychology, musical acoustics, and computer music. | Open in Every Even Years in English Lecture |
| 01MB210 | Selected Topics in Cognitive Science | 1 | 2.0 | 1, 2 | Fall/AB | Mon3, 4 | 7A207 | Yuzuru Hiraga, Hiromi Morita | This course features selected topics in Cognitive Science, which studies the nature of human cognition as well as its realization and modeling on computers. The course will be in lecture form, and partly in interactive forms such as document reading, student presentation and discussion. | Open in Every Even Years in English Lecture |
| 01MB304 | Digital Archiving | 1 | 2.0 | 1, 2 | Spr/AB | Fri5, 6 | 7A210 | Tetsuo Sakaguchi, Eduard Baryshev | Today, in the beginning of 21st century, there is tremendous interest in how people, information, and technology can work together to enhance the Museums, Libraries, Archives (MLA) experience for cultural institutions professionals, visitors, and all users of cultural information resources. That so many interested in this topic is due in no small part to contributions of several books covering different aspects of cultural institutions and information technology. This lectures focus on the methodology of digital archiving from MLA resources for public use. | Open in Every Odd Years in English Lecture |
| 01MB306 | Organization of Information and Resources | 1 | 2.0 | 1, 2 | | | | | This course covers the principles and features of organizing information and resources. The topics of this course are: 1) principles and basic concepts of information/resource organization, including organization in different contexts like libraries, archives; 2) metadata design and management, embracing (a) conceptual modeling of resources, and other metadata design process, and (b) current situation of metadata creation; 3) subject analysis, vocabulary control, and classification. Class sessions will be a combination of lectures and discussions. Student's presentation on a related topic is usually required at every class. | Not open in 2019. Open in Every Odd Years in English Lecture |

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| 01MB307 | Metadata | 1 | 2.0 | 1, 2 | | | | | Basic concepts and models of metadata oriented to networked information environment are presented and discussed in this class. The followings are the main topics of this class. * Basic concepts of metadata in the networked information environment and digital libraries. * Major metadata standards used in networked information environment – Dublin Core, MODS, etc. * Model and description scheme of metadata and schemes for the Web – Resource Description Framework and Linked Open Data * Issues for metadata interoperability, primarily based on Dublin Core and Semantic Web | Not open in 2019. Open in Every Even Years in English Lecture |
| 01MB310 | Library and Information Services in Culturally Diverse Communities | 1 | 2.0 | 1, 2 | SprAB | Mon3, 4 | 7A202 | Yuko Yoshida | Cultural diversity is an important aspect of contemporary libraries. Public libraries need to offer appropriate services based on the cultural characteristics of users in light of race, ethnicity, gender, sexual orientation and age. This course focuses on library services for minority groups that are traditionally underrepresented. Firstly, this course examines particular cases in Japan, North America and Scandinavian countries. Secondly, the course examines challenges and problems of library and information services to diverse library users. Thirdly, the course deals with the conceptual framework and theories of the issues with special reference to the relationship of library institutions to their contemporary social, cultural and political environments. Lastly, the course provides the skills of evaluating programs for diverse library users. | Open in Every Odd Years in English Lecture |
| 01MB311 | Management of Libraries | 1 | 2.0 | 1, 2 | SprAB | Mon3, 4 | 7A204 | Ichiro Ohba | This course introduces theories, principles and techniques in Management Science and their application to libraries and information services. Topics to be studied include libraries's roles, types, systems, management, organizational structures, service design, and human resource management. In particular, the present situation of human resource management, social needs, and training and staff development are examined. | Open in Every Even Years in English Lecture |
| 01MB312 | Media Education | 1 | 2.0 | 1, 2 | SprAB | Tue3, 4 | 7A206 | Kanae Suzuki | The course will introduce you to media literacy and the current state of media education in Japan and foreign countries. The future issues related to media education will be discussed, along with the course contents. The course also includes content analysis of media messages and educational programs to deepen the comprehension of media and media education and consider the advanced programs. | Open in Every Even Years in English Lecture |
| 01MB314 | Higher Education and Information Professionals | 1 | 2.0 | 1, 2 | | | | | This course will give students a chance to explore the university setting, as the environment in which librarians and other professionals receive their training and as an example of an academic workplace for information professionals. Students will come to an understanding of the purposes/goals and management of higher education institutions from a theoretical perspective. Furthermore, students will gain insight into the system of professional education through an analysis of education of librarians and information professionals. | Not open in 2019. Open in Every Even Years in English Lecture |

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| 01MB315 | Academic Libraries and Information Infrastructure | 1 | 2.0 | 1, 2 | Fall/AB | Mon3, 4 | 7A206 | Hiroshi Itsumura | This course is designed to prepare students to function effectively in academic libraries and information infrastructure. Students will study a wide variety of governance, principles, problems, and trends, relating to academic librarianship. | Open in Every Odd Years in English Lecture |
| 01MB401 | Research Methods in Informatics | 1 | 2.0 | 1 | Fall/AB | Mon1, 2 | 7A210 | Tetsuya Maeshiro, Yoichi Ochiai, Haitao Yu | This course provides an overview on research goal settings and research methodologies practiced in Informatics, focusing on the properties inherent in those research methods. Namely, we will address methods to extract information and knowledge represented in varied conformations, procedures to study them, and analytical techniques to interpret the results. Individual research methods are treated through case studies. | Lecture |
| 01MB402 | Introduction to Library and Information Science | 1 | 2.0 | 1, 2 | | | | | This course provides an overview of the library and information science profession. Students will obtain an understanding of the nature and core functions of the library and information profession(s) under different settings. In addition, students will acquire an appreciation and understanding of the professional contributions librarians make, and how libraries/information centres function in societies past, present, and future, etc. | Not open in 2019. Lecture |
| 01MB403 | Special Topics 1 | 1 | 2.0 | 1, 2 | | | | | International librarianship focuses on the role of information in society, and the methods of its acquisition, processing, retrieval, and dissemination across national boundaries by means of international library cooperation through the formulation and development of common standards, policies, and practices. Comparative librarianship studies library systems within the context of geographical areas, regions, or individual countries in order to improve libraries and library services throughout the world. This course is a comparison of American and foreign library and information systems and services by placing them within various socio-economic, educational, and cultural contexts. The course addresses the investigation of fundamental concepts concerning international communication and cooperation in library and information science as a global profession through the study of international professional organizations and associations, international programs, inter-governmental and non-governmental agencies in the information field that are working together to achieve library development worldwide. The course will highlight national differences in library and information science philosophy, objectives, practices, and policies as well as local endeavors that led to the growth of librarianship in its global dimensions in the past two centuries. | Lectures are conducted in English. Not open in 2019. Lecture |
| 01MB404 | Special Topics 2 | 1 | 2.0 | 1, 2 | | | | | The course will be delivered introducing my research, other relevant research, and related theories in library and information sciences with the objective of exposing cultural and contextual differences. I will try to make the class as interactive as possible. | Lectures are conducted in English. Not open in 2019. Lecture |

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| 01MB406 | Introduction to Informatics | 1 | 2.0 | 1, 2 | FallAB | Wed1,2 | 7A206 | Sayan Sarcar | The course deals with the foundations of Informatics with the lens of Information Technology area. We will study concepts such as Information, Technology, Modelling, and their impact on science and society. The overall focus of this course is an intensive introduction to the most central technical aspects of Informatics which are required to solve practical real world problems. | Lectures are conducted in English. Lecture |
| 01MB451 | Practical Seminar A | 2 | 2.0 | 1 | FallAB | Fri5,6 | 7A206 | Sayan Sarcar | This course provides students with opportunities to deepen the knowledge of cultural and organizational aspects of Library and Information Science such as the history, management and services of the library and information center. Students will carry out an extensive literature survey on a relevant topic and give a presentation to report and discuss the main findings. | Seminar |
| 01MB452 | Practical Seminar B | 2 | 2.0 | 1 | SprAB | Fri3,4 | 7A202 | Yuzuru Hiraga, Tomoo Inoue | This course provides students with opportunities to deepen the knowledge of technological and cognitive aspects of Library and Information Science such as programming, multimedia data, and knowledge representation. Students will develop and evaluate a prototype or mockup system using a relevant technology and give a presentation to report and discuss the main findings. | Seminar |
| 01MB455 | Synthetic Seminar on MSc Research a | 2 | 2.0 | 2 | FallABC | by appointment | | Academic advisors for master theses of the English LIS program | | Seminar |
| 01MB456 | Synthetic Seminar on MSc Research b | 2 | 2.0 | 2 | SprABC | by appointment | | Academic advisors for master theses of the English LIS program | | Seminar |
| 01MB457 | Synthetic Seminar on MSc Research a | 2 | 2.0 | 2 | SprABC | by appointment | | Academic advisors for master theses of the English LIS program | | Seminar Only students who have been instructed by their academic advisors should register this course at the counter of the Academic Service Office in person (NOT via the TWINS system). |
| 01MB458 | Synthetic Seminar on MSc Research b | 2 | 2.0 | 2 | FallABC | by appointment | | Academic advisors for master theses of the English LIS program | | Seminar Only students who have been instructed by their academic advisors should register this course at the counter of the Academic Service Office in person (NOT via the TWINS system). |