

Course Number	Course Name	Instr uctio nal Type	Credit s	standa rd regist ration year	Term	Meeting Days, Per iod etc.	Classro om	Instructor	Course Overview	Remarks
02MA113	Study on Interactive Information Retrieval	1	2.0	1 - 3	SprAB	Mon1, 2		Joho Hideo	We study interaction between users and information retrieval systems from cognitive, affective, and behavioural aspects. In particular, we focus on behavioural analyses of information searching, design of search interfaces, implementations and evaluation of interactive information retrieval systems.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested. Instructor's office
02MA114	Study on Life Informatics	1	2.0	1 - 3	FallAB	Wed1, 2		Maeshiro Tetsuya	Treats the information side of the life, such as genetic information, brain activity and relationship network. Together with related life phenomena, methods of Informatics that are essential in recent Life Science research are also treated.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in Japanese.
02MA120	Study on Knowledge and Information Infrastructure	1	2.0	1 - 3	SprAB	Thu5, 6		Donkai Saori	This course covers knowledge and information infrastructure. Knowledge and information infrastructure is a social foundation that circulation that circulation, sharing, utilization and accumulation of knowledge and information generate new value. We will focus on the players, the roles and the relationship.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in Japanese. Instructor's office
02MA121	Archival Study	1	2.0	1 - 3	SprAB	Mon7, 8		Shirai Tetsuya	日本の地域アーカイブズを事例として、その調査、収集、整理、保存、閲覧提供、幅広い活用をめぐる諸問題について研究する。対象は、公文書や民間所在資料(古文書)のほか、近年の重要な課題である被災資料・災害資料も積極的に扱う。	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in Japanese. Instructor's office
02MA122	Study on Philosophy of Knowledge	1	2.0	1 - 3	FallAB	Tue5, 6		Yokoyama Mikiko	In order to examine the concept of knowledge, this lecture deals with contemporary problems in connection with the concept of knowledge from a philosophical point of view. I will first review the history of epistemology (theory of knowledge). Then, I will examine internalism and externalism.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA123	Study on Copyright Law	1	2.0	1 - 3	FallAB	Tue5, 6		Murai Maiko	This course deals with the copyright law. At the end of the course, participants are expected to understand key challenges of recent copyright law, and discuss the problem about copyright.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in Japanese.
02MA200	Advanced Seminar in Information Media Studies Ia	2	1.0	1	SprABC	by appointment		Academic Advisers in Doctoral Program in Library, Information and Media Studies		This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA220	Advanced Seminar in Information Media Studies Ib	2	1.0	1	FallABC	by appointment		Academic Advisers in Doctoral Program in Library, Information and Media Studies		This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested

02MA313	Study on Information and Media Services	1	2.0	1 – 3	SprAB	Tue5, 6		Yoshida Yuko	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 conducted in Scandinavian Countries. Firstly, this course examines particular cases in Denmark, Sweden, Norway, the Netherlands and Finland. Secondly, the course considers challenges and problems of library and information services to diverse library users examining 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.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in Japanese.
02MA314	Planning on Information Community	1	2.0	1 – 3	SprAB	Tue3, 4		Toshimori Atsushi	Planning and evaluation for services/facilities that provides information in the community are presented and discussed in this class. The topics of this course are: behavioral choice modelling and others.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA316	Study on Media Effects	1	2.0	1 – 3	SprAB	Wed7, 8		Suzuki Kanae	The course will explain studies on media effects, and methods for examining media environment and media effects.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in Japanese.
02MA317	Investigations on Knowledge Resources	1	2.0	1 – 3	SprAB	Thu5, 6		Tsuji Keita	How libraries are supporting students' learning activity will be introduced.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA318	Study on Informetrics	1	2.0	1 – 3	FallAB	Tue3, 4		Yoshikane Fuyuki	In this course, we discuss theories and methods of informetrics from two viewpoints: (1) investigation of patterns of information production, circulation, cumulation, and use; (2) practical application of informetric measures. We also discuss recent research findings concerning informetrics, scientometrics, and webometrics.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in Japanese.
02MA400	Advanced Seminar in Information Media Studies IIa	2	1.0	2	SprABC	by appointment		Academic Advisers in Doctoral Program in Library, Information and Media Studies		This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA420	Advanced Seminar in Information Media Studies IIa	2	1.0	2	FallABC	by appointment		Academic Advisers in Doctoral Program in Library, Information and Media Studies		This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA508	Computer Algebra Systems	1	2.0	1 – 3	FallAB	Tue5, 6		Moritsugu Shuichi	We study the future development of mathematical software as a fundamental component of information media systems. To expand the present computer algebra systems, the development of new efficient algorithms will be discussed.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in Japanese.

02MA509	Studies of Systems for Information Sharing and Communication	1	2.0	1 - 3	FallAB	Tue5, 6		Sakaguchi Tetsuo	情報のデジタル的取得、加工、蓄積、伝達、提示のための各種メディア技術とその統合方式について論究する。ネットワーク環境に親和性のあるデジタルメディア技術、各種メディアの統合と役割分担について考究する。	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA510	Knowledge and Information Space	1	2.0	1 - 3	SprAB	Thu1, 2		Uda Norihiko	In this course, we research on knowledge and information space that includes human knowledge and recorded knowledge.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA511	Structured Document Processing Technology	1	2.0	1 - 3	SprAB	Thu3, 4		Suzuki Nobutaka	This course discusses formal descriptions and its expressiveness of schema definition languages, query languages, and transformation languages of structured documents such as XML. This course also discusses the computational complexity of major problems such as XSLT typechecking problem and XPath satisfiability problem.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA515	Exploratory Search Systems	1	2.0	1 - 3	FallAB	Mon5, 6		Takaku Masao	This course gives lectures on the state of the art of researches in the field of exploratory search systems.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested. Instructor's office
02MA517	Computational Linguistics	1	2.0	1 - 3	SprAB	Tue3, 4		Seki Yohei	In this class, we will learn statistical natural language processing technology. We will study language model as a basis, then topic model and distributed representation as a new NLP technologies. Finally, we will study NLP applications framework such as machine translation or sentiment analysis, etc. based on new NLP technologies.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA600	Advanced Seminar in Information Media Studies IIb	2	1.0	2	SprABC	by appointment		Academic Advisers in Doctoral Program in Library, Information and Media Studies		This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA620	Advanced Seminar in Information Media Studies IIb	2	1.0	2	FallABC	by appointment		Academic Advisers in Doctoral Program in Library, Information and Media Studies		This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA711	Study of Intelligent Systems	1	2.0	1 - 3	SprAB	Mon3, 4		Mikawa Masahiko	知能ロボットをはじめとする知能システムに関する要素技術、システム構築のための理論、応用例等、最新動向を交えながら解説・議論する。	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in Japanese.
02MA712	Information Design Expression Research	1	2.0	1 - 3	FallAB	Tue3, 4		Kim Sangtae	In this lecture, to learn the historical flow of computer graphics. And to understand the basic principles of CG technology in light of the position. Consider the expression technique and utilization by taking advantage of it. In addition, to understand the latest technology trends, learn about the use of CG in the art and design field with ideas deployment of a new representation method in the graphics design field.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in Japanese.

02MA719	Technologies for Content Management Infrastructure	1	2.0	1 – 3	SprAB	Wed6, 7		Morishima Atsuyuki		This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested. Instructor's office
02MA720	Study of Communication and Collaboration Support System	1	2.0	1 – 3	FallAB	Mon3, 4		Inoue Tomoo	Human communication have been expanding its environment, which includes the use of various electronic devices and computer networks. The environment affects communication and resulting collaborative activity themselves. This course provides viewpoint and discussion on this communication and collaboration environment through latest research papers of the HCI and GSCW fields.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested. Instructor's office
02MA721	Study on Digital Nature	1	2.0	1 – 3	SprAB	Fri4, 5		Ochiai Yoichi	本講義では、課題創造のための事例調査、関連研究をまとめるためのサーベイ、そして計算機隣接分野でのケーススタディを中心とした問題解決を主眼に議論する。具体的には、受講者にとって身近な問題を発見し、プレゼンテーションを行いながらプロトタイプを論じる。	This course is available only to students of the Doctoral Program in Library, information and Media Studies. Instructor's office
02MA722	Research in Cognitive Psychology	1	2.0	1 – 3	FallAB	Fri3, 4		Morita Hiromi	In this course you will learn the basics and recent studies in cognitive psychology by reading journal articles, and acquire the skill of taking up a question from everyday life, making a cognitive psychological hypothesis, and conducting research using empirical methods.	This course is available only to students of the Doctoral Program in Library, information and Media Studies. at the professor's office, in Japanese. Lectures are conducted in Japanese.
02MA800	Advanced Seminar in Information Media Studies IIIa	2	1.0	3	SprABC	by appointment		Academic Advisers in Doctoral Program in Library, Information and Media Studies		This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA810	Advanced Seminar in Information Media Studies IIIa	2	1.0	3	Sum Vac	by appointment		Academic Advisers in Doctoral Program in Library, Information and Media Studies		This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA820	Advanced Seminar in Information Media Studies IIIb	2	1.0	3	FallABC	by appointment		Academic Advisers in Doctoral Program in Library, Information and Media Studies		This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA830	Advanced Seminar in Information Media Studies IIIb	2	1.0	3	Spr Vac	by appointment		Academic Advisers in Doctoral Program in Library, Information and Media Studies		This course is available only to students of the Doctoral Program in Library, information and Media Studies. Lectures are conducted in English if requested
02MA840	Global Research Seminar IIIa	2	1.0	1 – 3					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。02MA841との重複履修不可。Not open in academic year.
02MA841	Global Research Seminar IIIb	2	1.0	1 – 3					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。02MA840との重複履修不可。Not open in academic year.

02MA842	Global Research Seminar IVa	2	1.0	1 - 3					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02MA840または02MA841の履修者に限る。02MA843との重複履修不可。 Not open in academic year.
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