











授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
ロシア語中級2	Upper-intermediate Russian II	演習	Seminar	2	LASLC1411J	ロシア語の基礎的事項の既修者を主たる対象に、ロシア語の応用力を養成します。特に、ロシア語圏の言語文化を研究対象とする学生向けに奨励されます。	This course is designed to help students who have already mastered the basics of the Russian language to further develop their applied skills. It is recommended particularly for students who specialize in the Russian language and culture.
ロシア語中級	Upper-intermediate Russian	演習	Seminar	2	LASLC1412J	ロシア語の基礎的事項の既修者を主たる対象に、ロシア語の応用力を養成します。特に、ロシア語圏の言語文化を研究対象とする学生向けに奨励されます。	This course is designed to help students who have already mastered the basics of the Russian language to further develop their applied skills. It is recommended particularly for students who specialize in the Russian language and culture.
ロシア語上級	Advanced Russian	演習	Seminar	2	LASLC1413J	学生の必要に応じて、より高度な異文化理解・異文化コミュニケーションの能力を育てるための上級会話授業や高度な文献講読の授業を行います。	This class will include advanced conversation classes and advanced literature subscription classes to develop more advanced intercultural understanding and intercultural communication skills, according to the students' needs.
中国語基礎1	Beginners Chinese I	演習	Seminar	2	LASLC0510J	中国語を初めて学ぶ受講生を対象に、基礎的な文法や語彙の学習、初歩的な言語の実践を通じて中国語圏の文化や世界観を知り、その理解のプロセスによって多様な人々との協働、多文化に対する開かれた寛容な態度、想定外の諸局面に対応する柔軟性を培います。	This course is designed for students who are new to learning the Chinese language. It helps them recognize the thought patterns inherent in the Chinese language and culture through elementary language practice. Furthermore, through the process of understanding the language, they are able to collaborate with diverse people, exhibit an open and tolerant attitude toward multiple cultures, and exercise flexibility in dealing with unexpected situations.
中国語基礎2	Beginners Chinese II	演習	Seminar	2	LASLC0511J	中国語を初めて学ぶ受講生を対象に、基礎的な文法や語彙の学習、初歩的な言語の実践を通じて中国語圏の文化や世界観を知り、その理解のプロセスによって多様な人々との協働、多文化に対する開かれた寛容な態度、想定外の諸局面に対応する柔軟性を培います。	This course is designed for students who are new to learning the Chinese language. It helps them recognize the thought patterns inherent in the Chinese language and culture through elementary language practice. Furthermore, through the process of understanding the language, they are able to collaborate with diverse people, exhibit an open and tolerant attitude toward multiple cultures, and exercise flexibility in dealing with unexpected situations.
中国語初級完成	Lower Intermediate Chinese	演習	Seminar	2	LASLC0512J	中国語の初歩的な知識と運用力を身につけた学生を対象に、国内外を問わずグローバル化する法曹界、政界、ビジネス、教育、文化の場で、相手の価値観・文化的背景を理解した上で戦略的に主張しつつ、円滑で良好な関係を構築するために不可欠な言語文化能力を培います。	This course is designed for students who have acquired a rudimentary knowledge of Chinese and the ability to use it. The course cultivates the linguistic and cultural skills that are imperative for building positive relationships with others in increasingly globalized legal, political, business, educational, and cultural arenas, both at home and abroad, while also assisting them in understanding their values and cultural backgrounds and asserting them strategically.
中国語中級1	Upper-intermediate Chinese I	演習	Seminar	2	LASLC1510J	中国語の基礎的事項の既修者を主たる対象に、中国語の応用力を養成します。特に、中国語圏の言語文化を研究対象とする学生向けに奨励されます。	This course is designed to help students who have already mastered the basics of the Chinese language to further develop their applied skills. It is recommended particularly for students who specialize in the Chinese language and culture.
中国語中級2	Upper-intermediate Chinese II	演習	Seminar	2	LASLC1511J	中国語の基礎的事項の既修者を主たる対象に、中国語の応用力を養成します。特に、中国語圏の言語文化を研究対象とする学生向けに奨励されます。	This course is designed to help students who have already mastered the basics of the Chinese language to further develop their applied skills. It is recommended particularly for students who specialize in the Chinese language and culture.
中国語中級	Upper-intermediate Chinese	演習	Seminar	2	LASLC1512J	中国語の基礎的事項の既修者を主たる対象に、中国語の応用力を養成します。特に、中国語圏の言語文化を研究対象とする学生向けに奨励されます。	This course is designed to help students who have already mastered the basics of the Chinese language to further develop their applied skills. It is recommended particularly for students who specialize in the Chinese language and culture.
中国語上級	Advanced Chinese	演習	Seminar	2	LASLC1513J	学生の必要に応じて、より高度な異文化理解・異文化コミュニケーションの能力を育てるための上級会話授業や高度な文献講読の授業を行います。	This class will include advanced conversation classes and advanced literature subscription classes to develop more advanced intercultural understanding and intercultural communication skills, according to the students' needs.
スペイン語基礎1	Beginners Spanish I	演習	Seminar	2	LASLC0610J	スペイン語を初めて学ぶ受講生を対象に、基礎的な文法や語彙の学習、初歩的な言語の実践を通じてスペイン語圏の文化や世界観を知り、その理解のプロセスによって多様な人々との協働、多文化に対する開かれた寛容な態度、想定外の諸局面に対応する柔軟性を培います。	This course is designed for students who are new to learning the Spanish language. It helps them recognize the thought patterns inherent in the Spanish language and culture through elementary language practice. Furthermore, through the process of understanding the language, they are able to collaborate with diverse people, exhibit an open and tolerant attitude toward multiple cultures, and exercise flexibility in dealing with unexpected situations.

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スペイン語基礎2	Beginners Spanish II	演習	Seminar	2	LASLC0611J	スペイン語を初めて学ぶ受講生を対象に、基礎的な文法や語彙の学習、初歩的な言語の実践を通じてスペイン語圏の文化や世界観を知り、その理解のプロセスによって多様な人々との協働、多文化に対する開かれた寛容な態度、想定外の諸局面に対応する柔軟性を培います。	This course is designed for students who are new to learning the Spanish language. It helps them recognize the thought patterns inherent in the Spanish language and culture through elementary language practice. Furthermore, through the process of understanding the language, they are able to collaborate with diverse people, exhibit an open and tolerant attitude toward multiple cultures, and exercise flexibility in dealing with unexpected situations.
スペイン語初級完成	Lower Intermediate Spanish	演習	Seminar	2	LASLC0612J	スペイン語の初歩的な知識と運用力を身につけた学生を対象に、国内外を問わずグローバル化する法曹界、政界、ビジネス、教育、文化の場で、相手の価値観・文化的背景を理解した上で戦略的に主張しつつ、円滑で良好な関係を構築するために不可欠な言語文化能力を培います。	This course is designed for students who have acquired a rudimentary knowledge of Spanish and the ability to use it. The course cultivates the linguistic and cultural skills that are imperative for building positive relationships with others in increasingly globalized legal, political, business, educational, and cultural arenas, both at home and abroad, while also assisting them in understanding their values and cultural backgrounds and asserting them strategically.
スペイン語中級1	Upper-intermediate Spanish I	演習	Seminar	2	LASLC1610J	スペイン語の基礎的事項の既修者を主たる対象に、スペイン語の応用力を養成します。特に、スペイン語圏の言語文化を研究対象とする学生向けに奨励されます。	This course is designed to help students who have already mastered the basics of the Spanish language to further develop their applied skills. It is recommended particularly for students who specialize in the Spanish language and culture.
スペイン語中級2	Upper-intermediate Spanish II	演習	Seminar	2	LASLC1611J	スペイン語の基礎的事項の既修者を主たる対象に、スペイン語の応用力を養成します。特に、スペイン語圏の言語文化を研究対象とする学生向けに奨励されます。	This course is designed to help students who have already mastered the basics of the Spanish language to further develop their applied skills. It is recommended particularly for students who specialize in the Spanish language and culture.
スペイン語中級	Upper-intermediate Spanish	演習	Seminar	2	LASLC1612J	スペイン語の基礎的事項の既修者を主たる対象に、スペイン語の応用力を養成します。特に、スペイン語圏の言語文化を研究対象とする学生向けに奨励されます。	This course is designed to help students who have already mastered the basics of the Spanish language to further develop their applied skills. It is recommended particularly for students who specialize in the Spanish language and culture.
スペイン語上級	Advanced Spanish	演習	Seminar	2	LASLC1613J	学生の必要に応じて、より高度な異文化理解・異文化コミュニケーションの能力を育てるための上級会話授業や高度な文献講読の授業などを行います。	This class will include advanced conversation classes and advanced literature subscription classes to develop more advanced intercultural understanding and intercultural communication skills, according to the students' needs.
朝鮮・韓国語基礎1	Beginners Korean I	演習	Seminar	2	LASLC0710J	朝鮮・韓国語を初めて学ぶ受講生を対象に、基礎的な文法や語彙の学習、初歩的な言語の実践を通じて朝鮮・韓国語圏の文化や世界観を知り、その理解のプロセスによって多様な人々との協働、多文化に対する開かれた寛容な態度、想定外の諸局面に対応する柔軟性を培います。	This course is designed for students who are new to learning the Korean language. It helps them recognize the thought patterns inherent in the Korean language and culture through elementary language practice. Furthermore, through the process of understanding the language, they are able to collaborate with diverse people, exhibit an open and tolerant attitude toward multiple cultures, and exercise flexibility in dealing with unexpected situations.
朝鮮・韓国語基礎2	Beginners Korean II	演習	Seminar	2	LASLC0711J	朝鮮・韓国語を初めて学ぶ受講生を対象に、基礎的な文法や語彙の学習、初歩的な言語の実践を通じて朝鮮・韓国語圏の文化や世界観を知り、その理解のプロセスによって多様な人々との協働、多文化に対する開かれた寛容な態度、想定外の諸局面に対応する柔軟性を培います。	This course is designed for students who are new to learning the Korean language. It helps them recognize the thought patterns inherent in the Korean language and culture through elementary language practice. Furthermore, through the process of understanding the language, they are able to collaborate with diverse people, exhibit an open and tolerant attitude toward multiple cultures, and exercise flexibility in dealing with unexpected situations.
朝鮮・韓国語初級完成	Lower Intermediate Korean	演習	Seminar	2	LASLC0712J	朝鮮・韓国語の初歩的な知識と運用力を身につけた学生を対象に、国内外を問わずグローバル化する法曹界、政界、ビジネス、教育、文化の場で、相手の価値観・文化的背景を理解した上で戦略的に主張しつつ、円滑で良好な関係を構築するために不可欠な言語文化能力を培います。	This course is designed for students who have acquired a rudimentary knowledge of Korean and the ability to use it. The course cultivates the linguistic and cultural skills that are imperative for building positive relationships with others in increasingly globalized legal, political, business, educational, and cultural arenas, both at home and abroad, while also assisting them in understanding their values and cultural backgrounds and asserting them strategically.
朝鮮・韓国語中級1	Upper-intermediate Korean I	演習	Seminar	2	LASLC1710J	朝鮮・韓国語の基礎的事項の既修者を主たる対象に、朝鮮・韓国語の応用力を養成します。特に、朝鮮・韓国語文化圏の言語文化を研究対象とする学生向けに奨励されます。	This course is designed to help students who have already mastered the basics of the Korean language to further develop their applied skills. It is recommended particularly for students who specialize in the Spanish language and culture.

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朝鮮・韓国語中級2	Upper-intermediate Korean II	演習	Seminar	2	LASLC1711J	朝鮮・韓国語の基礎的事項の既修者を主たる対象に、朝鮮・韓国語の応用力を養成します。特に、朝鮮・韓国語文化圏の言語文化を研究対象とする学生向けに奨励されます。	This course is designed to help students who have already mastered the basics of the Korean language to further develop their applied skills. It is recommended particularly for students who specialize in the Spanish language and culture.
朝鮮・韓国語中級	Upper-intermediate Korean	演習	Seminar	2	LASLC1712J	朝鮮・韓国語の基礎的事項の既修者を主たる対象に、朝鮮・韓国語の応用力を養成します。特に、朝鮮・韓国語文化圏の言語文化を研究対象とする学生向けに奨励されます。	This course is designed to help students who have already mastered the basics of the Korean language to further develop their applied skills. It is recommended particularly for students who specialize in the Spanish language and culture.
朝鮮・韓国語上級	Advanced Korean	演習	Seminar	2	LASLC1713J	学生の必要に応じて、より高度な異文化理解・異文化コミュニケーションの能力を育てるための上級会話授業や高度な文献講読の授業などを行います。	This class will include advanced conversation classes and advanced literature subscription classes to develop more advanced intercultural understanding and intercultural communication skills, according to the students' needs.
イタリア語基礎1	Beginners Italian I	演習	Seminar	2	LASLC0910J	イタリア語を初めて学ぶ受講生を対象に、イタリア語の基礎を学ぶための科目です。バランスよくイタリア語を学べるよう、基礎文法の学習だけでなく日常会話の練習や平易な文章の講読も行ないます。併せて、文化・風俗・歴史・社会事情など背景知識を学習することによりイタリア語世界の諸相を理解し、国際的視野の涵養を図る一歩とします。	This course is designed for students who are learning Italian for the first time. It not only includes basic grammar, but also daily conversation and the reading of simple texts. In addition, the course aims to provide students with basic knowledge about culture, customs, history, and social conditions to enable them to understand the various aspects of the Italian-speaking world and take the first steps toward cultivating an international perspective.
イタリア語基礎2	Beginners Italian II	演習	Seminar	2	LASLC0911J	イタリア語の初歩的な知識を身につけた受講生を対象に、「イタリア語基礎1」に引き続き、イタリア語の基礎を学ぶための科目です。バランスよくイタリア語を学べるよう、基礎文法の学習だけでなく日常会話の練習や平易な文章の講読も行ないます。併せて、文化・風俗・歴史・社会事情など背景知識を学習することによりイタリア語世界の諸相を理解し、国際的視野の涵養を図る一歩とします。	This course is a continuation of the "Basic Italian 1" and is designed for students who have mastered a basic knowledge of the Italian language. It not only includes basic grammar, but also daily conversation and the reading of simple texts. In addition, the course aims to provide students with basic knowledge about culture, customs, history, and social conditions to enable them to understand the various aspects of the Italian-speaking world and take the first steps toward cultivating an international perspective.
ポルトガル語基礎1	Beginners Portuguese I	演習	Seminar	2	LASLC0910J	新たにポルトガル語を学ぶ学生ばかりでなく今一度基礎からやり直したい学生も対象とする、ポルトガル語の基礎を学ぶための科目です。バランスよくポルトガル語を学べるよう、基礎文法の学習だけでなく日常会話の練習や平易な文章の講読も行ない、「読む・書く・聞く・話す」の全般にわたる初歩的運用能力を養成します。併せて、ポルトガル語圏の文化・風俗・歴史・社会事情などに触れることにより、学生の知的好奇心を刺激し国際的視野の涵養を図る一歩とします。	This course is designed not only for students who are learning Portuguese for the first time, but also for those who want to relearn the basics. In addition to learning basic grammar, students practice daily conversation and read simple texts in order to develop elementary skills in reading, writing, listening, and speaking. In addition, students are exposed to the culture, customs, history, and social conditions of the Portuguese-speaking world, which stimulate their intellectual curiosity and are an elementary step toward developing an international perspective.
ポルトガル語基礎2	Beginners Portuguese II	演習	Seminar	2	LASLC0911J	初歩的なポルトガル語の知識と運用能力を身につけた学生を対象に、「ポルトガル語基礎1」に引き続き、ポルトガル語の基礎を学ぶための科目です。バランスよくポルトガル語を学べるよう、基礎文法の学習だけでなく日常会話の練習や平易な文章の講読も行い、「読む・書く・聞く・話す」の全般にわたる基礎的運用能力を養成します。併せて、ポルトガル語圏の文化・風俗・歴史・社会事情などに触れることにより、学生の知的好奇心を刺激し国際的視野をさらに広げます。	This course is a continuation of Basic Portuguese I for students who have acquired elementary knowledge and operational skills of the Portuguese language. In addition to learning basic grammar, students practice daily conversation and read simple texts in order to develop elementary skills in reading, writing, listening, and speaking. In addition, students are exposed to the culture, customs, history, and social conditions of the Portuguese-speaking world, which stimulate their intellectual curiosity and are an elementary step toward developing an international perspective further.



## 共通基礎科目 / Common Basic Courses

## 言語文化科目 / Language and Culture

## 日本語 / Japanese

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
日本語文章表現法	Japanese Writing Practice	演習	Seminar	2	LASLC0810J	外国人留学生を対象に、日本語によるアカデミック・ライティングの基礎を学び、レポートを執筆します。目的に合ったレポートの構成や書き方を学び、文献を引用しながらレポートを書くことができるようになることを目指します。	This course is designed for international students to learn the basics of academic writing in Japanese and to write reports. The goal is to learn how to structure and write a report that suits the purpose and to be able to write a report while citing literature.
日本語口頭表現法	Japanese Oral Presentation	演習	Seminar	2	LASLC0811J	外国人留学生を対象に、日本語によるアカデミック・プレゼンテーションの基礎を学び、図やグラフ等のデータに基づいてプレゼンテーションすることができるようになることを目指します。	This course is designed for international students to learn the basics of academic presentation in Japanese and to be able to give presentations based on data such as diagrams and graphs.
多文化コミュニケーション論	Multilingual and Multicultural communication	演習	Seminar	2	LASLC0812J	外国人留学生を対象に、日本の社会、文化を理解し、大学生として多文化を理解し、コミュニケーションを行うことができるようになることを目指します。	This course is designed for international students to communicate smoothly in a multicultural society, based on their knowledge of Japanese society and culture.
日本語総合演習1	Comprehensive Japanese Seminar 1	演習	Seminar	2	LASLC1810J	外国人留学生を対象に、問題解決型の学習を行うための読む、書く、聴く、話すの日本語の四技能の総合的な上達を図ります。テーマやトピックを決めてデータ収集、分析、考察を行い、解決策を見出し、論理的な議論を行うことができるようになることを目指します。	This course is designed for international students to comprehensively improve the four skills of Japanese language: reading, writing, listening, and speaking, in order to conduct problem-based learning. The goal is for students to be able to collect, analyze, and discuss data on a specific theme or topic, find solutions, and engage in logical discussions.
日本語総合演習2	Comprehensive Japanese Seminar 2	演習	Seminar	2	LASLC1811J	外国人留学生を対象に、日本語による話す、聞く、読む、書く活動を行い、ピアラーニングを通してアカデミックライティングを学びます。論理的な思考や客観的なデータに基づいて、自分のレポートの課題を説明することができるようになることを目指します。	This course is designed for international students to learn academic writing through speaking, listening, reading, writing in Japanese and peer learning. The goal is for students to be able to explain the report based on logical thinking and objective data.
レポート・論文作成法	Report and Thesis Writing	演習	Seminar	2	LASLC1812J	日本人学生・外国人留学生を対象に、自らテーマを設定し、それに基づいて、論理的なレポート・論文を完成させることを目指します。また、ハンドアウトなどを用いて、他分野の人にわかりやすく説明する能力を身に付けます。	This course is designed for Japanese and international students to set their own themes and complete logical reports and papers based on those themes. In addition, acquire the ability to explain to people in other fields in an easy-to-understand manner by using handouts, etc.
日本語1	Japanese1	演習	Seminar	4	LASLC1820B		This course aims to provide a basic knowledge of Japanese which will enable students to function effectively in everyday life. Students will earn comprehensive Japanese, necessary to live both on and off campus. Each lesson will cover grammar, expressions, and vocabulary learned in the textbooks and practiced in short skits. Those students who register for this course should also register for the Japanese 2 and Japanese Notation 1 (Kanji 200) in the same semester. The Japanese level of this course is about N5 of JLPT.
日本語2	Japanese2	演習	Seminar	4	LASLC0821B		This course aims to provide a basic knowledge of Japanese which will enable students to function effectively in everyday life. It emphasizes oral practice utilizing the material students learned in Japanese 1. The textbooks are the same as Japanese 1. Those students who register for this course should also register for the Japanese 1 and Japanese Notation 1 (Kanji 200) in the same semester.
日本語3	Japanese 3	演習	Seminar	2	LASLC0822B		This course aims to provide a basic knowledge of Japanese which will enable students to function effectively in everyday life. Students will earn comprehensive Japanese, necessary to live both on and off campus. Each lesson will cover grammar, expressions, and vocabulary learned in the textbooks and practiced in short skits. Those students who register for this course should also register for the Japanese 4 in the same semester. The Japanese level of this course is the first half of JLPT N4.

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日本語4	Japanese 4	演習	Seminar	2	LASLC1823B		This course aims to provide a basic knowledge of Japanese which will enable students to function effectively in everyday life. Students will earn comprehensive Japanese, necessary to live both on and off campus. It emphasizes oral practice utilizing the material students learned in Japanese 3. The textbooks are the same as Japanese 3. Those students who register for this course should also register for the Japanese 4 in the same semester. The Japanese level of this course is the first half of JLPT N4.
日本語5	Japanese 5	演習	Seminar	2	LASLC1824B		This course aims to provide a basic knowledge of Japanese which will enable students to function effectively in everyday life. Students will earn comprehensive Japanese, necessary to live both on and off campus. Each lesson will cover grammar, expressions, and vocabulary learned in the textbooks and practiced in skits. Those students who register for this course should also register for the Japanese 6 in the same semester. The Japanese level of this course is the second half of JLPT N4.
日本語6	Japanese 6	演習	Seminar	2	LASLC1825B		This course aims to provide a basic knowledge of Japanese which will enable students to function effectively in everyday life. Students will earn comprehensive Japanese, necessary to live both on and off campus. It emphasizes oral practice utilizing the material students learned in Japanese 5. The textbooks are the same as Japanese 5. Those students who register for this course should also register for the Japanese 5 in the same semester. The Japanese level of this course is the second half of JLPT N4.
日本語表記1(漢字200)	Japanese Notation 1 (Kanji 200)	演習	Seminar	2	LASLC1826B		This course aims to provide a basic knowledge of Japanese which will enable students to function effectively in everyday life. The goal of this course is to be able to read and write hiragana, katakana and about 200 kanji. The goal is also to be able to write simple Japanese sentences using these characters. Those students who register for this course should also register for the Japanese 1 and Japanese 2 in the same semester.
日本語表記2(漢字400)	Japanese Notation 2 (Kanji 400)	演習	Seminar	2	LASLC0827B		This course aims to provide a basic knowledge of Japanese which will enable students to function effectively in everyday life. The goal of this course is to be able to read and write about 400 kanji. The goal is also to be able to write simple Japanese sentences using these kanji.
アカデミック日本語1A	Academic Japanese 1A	演習	Seminar	2	LASLC0828B		In this course, students will acquire fundamental reading and composition skills to read and write simple reports in specialized fields as well as analytical texts such as dissertations. The course aims to develop skills to comprehend and compose texts ranging in length from short to long, while at the same time reviewing beginner-level vocabulary, grammar, and Japanese characters. The Japanese level of this course is about N3 of JLPT.
アカデミック日本語2A	Academic Japanese 2A	演習	Seminar	2	LASLC1829B		In this course, students will build on the skills learned in Academic Japanese 1A and acquire fundamental reading and composition skills to read and write analytical texts. The course aims to develop skills to comprehend and compose longer texts, while at the same time covering intermediate-level vocabulary, grammar, and Japanese characters. The Japanese level of this course is about N2 of JLPT.
アカデミック日本語3A	Academic Japanese 3A	演習	Seminar	2	LASLC1830B		This course designed to develop students' fundamental skills to read reports in specialized fields and academic articles as well as write reports or dissertations related to their own research focus. The course aims to help students acquire skill for writing a logical short essay of around 1,000 characters through practicing reading academic articles and writing a good paragraph.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
アカデミック日本語4A	Academic Japanese 4A	演習	Seminar	2	LASLC1831B		This course designed to develop students' fundamental skills to read reports in specialized fields and academic articles as well as write reports or dissertations related to their own research focus. The course aims to help students acquire skill for writing a logical short essay of around 1,200 characters through trainings of reading academic articles and writing a good paragraph.
アカデミック日本語1B	Academic Japanese 1B	演習	Seminar	2	LASLC1832B		This course is intended to develop students' listening comprehension skills for longer audio segments and learn how to make simple academic presentations. The course designed to promote understanding of the way of basic presentations .
アカデミック日本語2B	Academic Japanese 2B	演習	Seminar	2	LASLC0833B		This course is intended to develop students' listening comprehension skills for longer audio segments and learn how to make simple academic presentations. The course designed to help students acquire the skill of making a presentation in pertinent vocabulary and expressions in the academic situation.
アカデミック日本語3B	Academic Japanese 3B	演習	Seminar	2	LASLC0834B		This course is intended to develop and integrate students' abilities in listening and speaking at an advanced level in academic Japanese. The course aims to help students acquire skills for making effective presentations in specialized fields.
アカデミック日本語4B	Academic Japanese 4B	演習	Seminar	2	LASLC0835B		This course is intended to develop and integrate students' abilities in listening and speaking at an advanced level in academic Japanese. The course aims to help students acquire skills for making effective presentations in specialized fields.
アカデミック日本語5(漢字 2200)	Academic Japanese 5 (Kanji 2200)	演習	Seminar	2	LASLC0836B		This course aims to help students build an advanced knowledge of kanji so they can understand and use 2,200 kanji and kanji vocabulary. This course is for those who have learned about 800 kanji to increase the vocabulary of the kanji they have learned and to learn more new kanji.
ビジネス日本語1	Business Japanese 1	演習	Seminar	2	LASLC0837B		This course is intended to develop and integrate students' abilities of basic knowledge of Japanese and expressions such as honorific language considered essential knowledge for business people in Japan. This course aims to help students acquire the communication styles and expressions required in Japanese business settings through roleplay exercise based on various themes. This course also covers basic knowledge of job hunting in Japan.
ビジネス日本語2	Business Japanese 2	演習	Seminar	2	LASLC0838B		This course is intended to develop and integrate students' abilities of basic knowledge of Japanese and expressions such as honorific language considered essential knowledge for business people in Japan. This course aims to help students acquire the communication styles and expressions required in Japanese business settings through roleplay exercise based on various themes. This course also covers basic knowledge of job hunting in Japan.
ビジネス日本語3	Business Japanese 3	演習	Seminar	2	LASLC0839B		The aim of the course is intended to develop the Japanese language skills required by Japanese companies and Japanese-affiliated companies overseas, as well as to improve cross-cultural understanding.
ビジネス日本語4	Business Japanese 4	演習	Seminar	2	LASLC0840B		The aim of the course is intended to boost capabilities in Japanese, to enhance understanding of Japanese business cultures, and to help students learn how to act independently in Japanese companies and Japanese-affiliated communities overseas.

## 共通基礎科目 / Common Basic Courses

## 健康・スポーツ科学科目 / Health and Sports Science

## 講義 / Lecture

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
健康・スポーツ科学講義	Health and Sports Science: Lecture	講義	Lecture	2	LASHS0900J, LASHS0900E	健康の維持増進に必要な身体に関する科学的知識や、安全で効果的な運動の実践方法についての知識を習得し、自己管理能力を身につけることを目的とします。	This course aims to obtain and understand evidenced-based knowledge about health, exercise, and sports sciences necessary for personal health management.

## 共通基礎科目 / Common Basic Courses

## 健康・スポーツ科学科目 / Health and Sports Science

## 実習 / Practicum

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
健康・スポーツ科学実習A	Exercise and Sports A	実習	Practical Training	1	LASHS0901J, LASHS0901E	運動・スポーツの実践による体力の維持増進に加え、スポーツを通して人間関係を構築する際に重要なコミュニケーション能力を育むことを目的とします。	This course aims to achieve the necessary abilities to maintain and increase physical fitness and to develop the communication skills.
健康・スポーツ科学実習B	Exercise and Sports B	実習	Practical Training	1	LASHS0902J, LASHS0902E	運動・スポーツの楽しさや充実感などを体得するとともに、生涯スポーツの基礎となる運動技能の獲得や体力の維持増進を目的とします。	The aims of this course are to learn the fun of sports and sense of accomplishment at sports and to maintain and increase physical fitness.

## 共通基礎科目 / Common Basic Courses

## データ科学科目 / Data Science

## 講義 / Lecture

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
データ科学基礎	Introduction to Data Science	講義	Lecture	1	LASDS0900J, LASDS0900E	社会の様々な場面で新しい価値を生み出す基盤となるデータ分析能力を身につけるために、その基礎的知識と汎用的な分析技能を獲得すること目的とします。そのために、コンピュータリテラシ、データの記述と可視化、確率及び統計の基礎的概念について学びます。その際に、必要に応じて高校レベルの数学を用いた解説を行うことがありますが、受講生が概要を直感的に理解することを優先します。	The goal of this course is to acquire basic knowledge and general-purpose analytical skills in order to acquire data analysis capabilities that will serve the foundation for creating new value in various situations in the society. For this goal, students will learn computer literacy, data description and visualization, and basic concepts of probability and statistics. If necessary, explanations using high school level mathematics will be given, but priority will be given to students' intuitive understanding of the outline.

## 共通基礎科目 / Common Basic Courses

## データ科学科目 / Data Science

## 実習 / Exercise

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
データ科学基礎演習A	Data Science Exercise A	演習	Seminar	1	LASDS0901J, LASDS0901E	社会の様々な場面で新しい価値を生み出す基盤となるデータ分析能力を身につけるために、講義において習得した知識を基に受講生自身がプログラミングや計算機ツール等によるデータ分析の基礎的スキルを習得することを目的とします。講義で取り扱った計算や分析手法をR, Excel等を用いて受講生自身が実行します(主に文系向け)。	The goal of this course is for students to acquire basic skills in data analysis using programming and computer tools based on the knowledge acquired in the lectures in order to acquire data analysis skills that will become the foundation for creating new values in various situations in the society. Students will execute the calculations and analysis methods learned in the lecture by themselves using R and Excel (Mostly for students in the humanities).
データ科学基礎演習B	Data Science Exercise B	演習	Seminar	1	LASDS0902J, LASDS0902E	社会の様々な場面で新しい価値を生み出す基盤となるデータ分析能力を身につけるために、講義において習得した知識を基に受講生自身がプログラミングや計算機ツール等によるデータ分析の基礎的スキルを習得することを目的とします。講義で取り扱った計算や分析手法をPythonを用いて受講生自身が実行します(主に理系学生向け)。	The goal of this course is for students to acquire basic skills in data analysis using programming and computer tools based on the knowledge acquired in the lectures in order to acquire data analysis skills that will become the foundation for creating new values in various situations in the society. Students will execute the calculations and analysis methods learned in the lecture by themselves using Python (Mostly for students in the sciences).

## 教養科目 / Liberal Arts Courses

## 国際理解科目 / Global Liberal Arts

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
国際関係論	International Relations	講義	Lecture	2	LASGL0900J	国際関係論に関する知識を身につけることを通じて、自らの主張を展開する力と文化的社会的な寛容性を兼ね備えた、国際社会で活躍する人間に成長するための基礎を築きます。具体的に扱うテーマは、担当教員の専門分野や関心に応じて設定されます。	This course aims that through the acquisition of knowledge of international relations, students will build a foundation for developing into individuals who can play an active role in international society, combining the ability to develop their own arguments with cultural and social tolerance. The specific topics to be dealt with will be determined according to the specialties and interests of the instructor.
国際開発学	International Development	講義	Lecture	2	LASGL0901J, LASGL0901E	現在、地球上ではさまざまな領域での社会発展が進む中、世界の国々はいわゆる先進国と途上国に分類されています。国際社会ではこの格差を埋めることが重要となっており、人類が今後どのような開発を国際的に進めていくかは喫緊の課題です。講義では、それぞれ文化、教育、政治、法律、経済等人文・社会科学等の見地から国際開発がどのような仕組みでなされてきたかを学習し、とりわけ開発途上国で何が問題となっているかを多面的に考察します。	As various fields in the world today experience social development, nations are categorized into so-called developed and developing states. Closing the gap between developing and developed states has become an important issue facing international society. The way in which the international community should proceed with development moving forward into the future has become an urgent problem. This lecture looks at the structures of international development from the viewpoint of the human and social sciences; especially culture, education, politics, law and economics. It will also examine the various critical issues that particularly face developing countries.
グローバル化時代の国際社会	International Society in the Age of Globalization	講義	Lecture	2	LASGL0902J, LASGL0902E	グローバル化時代の国際社会に関する知識を身につけることを通じて、自らの主張を展開する力と文化的社会的な寛容性を兼ね備えた、国際社会で活躍する人間に成長するための基礎を築く。具体的に扱うテーマは、担当教員の専門分野や関心に応じて設定される。	This course aims that through the acquisition of knowledge of international society of globalization age, students will build a foundation for developing into individuals who can play an active role in international society, combining the ability to develop their own arguments with cultural and social tolerance. The specific topics to be dealt with will be determined according to the specialties and interests of the instructor.
国際学	International Studies	講義	Lecture	2	LASGL0903J, LASGL0903E	グローバル化が進行する中、多くの開発途上国で発展のための多様な努力がなされています。目覚ましい発展を遂げる国もあれば、発展から取り残される国もあります。また、それぞれの国内でも、開発の恩恵に浴する人たちと、そうでない人たちが出ています。また開発は環境の悪化などの問題も引き起こしています。講義では、諸外国におけるこのような開発の光と影の実態及び法律、政治、社会などの諸側面における対応の現状と課題について考察します。	With the acceleration of globalization, many developing countries have made great strides in development. However, while some countries have accomplished remarkable development, other countries have been left far behind. At the same time, even within countries that have experienced high levels of development, there are some groups that reap the benefits of that development, while others have barely been affected. In addition, there are also many problems that have been caused by development, such as environmental degradation. This lecture looks at both the light and dark sides of development as experienced by various countries, and also examines the present ways of dealing with these issues in the fields of law, politics, and society.
グローバル化と国際教育交流	Globalization and International Education and Exchange	講義	Lecture	2	LASGL0904J	教育学と社会学の知見を踏まえて、大学における国際教育交流がグローバル化の影響を受けてどのように展開しているのかを学習し、その課題を考察します。また、「大学の国際化」に関する学術研究の一端に触れて、同分野に対する興味関心・向学心を高めることを主目的とします。具体的には、世界の高等教育の国際教育交流政策の動向やそれに関わる概念や理論を概観した上で、日本と名古屋大学を同様事例として学習していきます。	In this class, we will study how international educational exchange in universities is developing under the impact of globalization from the perspectives of education and sociology, and examine the issues involved. In addition, the main goal of this class is to raise students' interest and motivation in this field by exposing them to academic research on the "the internationalization of higher education." Specifically, we will review trends in international educational exchange policies in higher education around the world, as well as related concepts and theories, and use examples of international educational exchange between Japan and Nagoya University.
留学生と日本	Exploration of Japan: From the Outside looking Inside	講義	Lecture	2	LASGL0905J, LASGL0905E	外国人留学生と一般学生がディスカッションや協働作業を通じて、日本社会や日本文化に対する理解と相互の理解を深めることを目的とします。名古屋大学およびこの地域で多様な文化を持つ人々が共に学び生きることの意味を考え直し、多文化共生のあり方を模索します。	The goal of this course is to promote understanding and mutual understanding of Japanese society and culture through discussions and collaborative work between international students and domestic students. We will reconsider the meaning of learning and living together with people from diverse cultures in Nagoya University and the region, and seek ways to coexist in multiculturalism.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
日本語教育実践入門	Introduction to Japanese Language Education	講義	Lecture	2	LASGL0906J	日本語教育(日本語を外国語としてどのように教えるか)について実際の授業に参加しながら学びます。また、日本語教育の知識の獲得だけでなく、日本人学生と留学生の交流により、異文化理解を進め、グローバル人材としての基礎力を身につけます。	The goal of this course is learning about Japanese language education while participating in actual Japanese language classes. Students not only acquire knowledge of Japanese language education, but also promote understanding of different cultures by interacting with international students.
囲碁と日本文化	Go in Japanese Culture	講義	Lecture	2	LASGL0907J, LASGL0907E	国際社会で活躍するためには、自国の伝統文化への深い理解をそなえていることが欠かせません。この授業は、囲碁を学ぶことを通じて日本の伝統文化についての理解を深めることを目的とします。囲碁の対局ができるようになることを目指します。	If you want to be active in the international community, you have to have a deep understanding of traditional culture of your own country. The goal of this course is for the students to learn how to play Go. Through this the students are expected to deepen understanding of Japanese traditional culture.
Studium Generale A	Studium Generale A	講義	Lecture	2	LASGL0908E	The name "Studium Generale" means "General Studies" in Latin and comes from old European universities, still used in many German universities. Studium Generale A course offers exposure to academic topics from the field of natural sciences, presented at an introductory level. The goal is to expose students to topics outside their major or research field, to different ideas - from both the speakers and other participants. For students from the regular Japanese program it offers an opportunity to experience university lectures in English. The course cultivates a multifaceted view of the world and communication skills, which are fundamental competencies for future members of the society.	The name "Studium Generale" means "General Studies" in Latin and comes from old European universities, still used in many German universities. Studium Generale A course offers exposure to academic topics from the field of natural sciences, presented at an introductory level. The goal is to expose students to topics outside their major or research field, to different ideas - from both the speakers and other participants. For students from the regular Japanese program it offers an opportunity to experience university lectures in English. The course cultivates a multifaceted view of the world and communication skills, which are fundamental competencies for future members of the society.
Studium Generale B	Studium Generale B	講義	Lecture	2	LASGL0909E	The name "Studium Generale" means "General Studies" in Latin and comes from old European universities, still used in many German universities. Studium Generale B course offers exposure to academic topics from the field of social sciences, presented at an introductory level. The goal is to expose students to topics outside their major or research field, to different ideas - from both the speakers and other participants. For students from the regular Japanese program it offers an opportunity to experience university lectures in English. The course cultivates a multifaceted view of the world and communication skills, which are fundamental competencies for future members of the society.	The name "Studium Generale" means "General Studies" in Latin and comes from old European universities, still used in many German universities. Studium Generale B course offers exposure to academic topics from the field of social sciences, presented at an introductory level. The goal is to expose students to topics outside their major or research field, to different ideas - from both the speakers and other participants. For students from the regular Japanese program it offers an opportunity to experience university lectures in English. The course cultivates a multifaceted view of the world and communication skills, which are fundamental competencies for future members of the society.
Biology in English	Biology in English	講義	Lecture	2	LASGL0910E	As scientific research is becoming increasingly international, the ability to speak about one's research field in English and access scientific literature in English is a fundamental skill for future scientists. This course provides students with a starting point towards Biology-specific content understanding in English. Students will be exposed to Biology terminology in English in an interactive setting, using project-based approach to learning.  Course prerequisites: This course is open to any student at Nagoya University. However, to take the most advantage of this course, students should have (1) a basic knowledge in Biology and (2) an intermediate knowledge of general English language.	As scientific research is becoming increasingly international, the ability to speak about one's research field in English and access scientific literature in English is a fundamental skill for future scientists. This course provides students with a starting point towards Biology-specific content understanding in English. Students will be exposed to Biology terminology in English in an interactive setting, using project-based approach to learning.  Course prerequisites: This course is open to any student at Nagoya University. However, to take the most advantage of this course, students should have (1) a basic knowledge in Biology and (2) an intermediate knowledge of general English language.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
Special Mathematics Lecture	Special Mathematics Lecture	講義	Lecture	—	LASGL1901E	<p>In a global and interconnected society, mathematics play a central role. They are at the root of all communications tools, and serve as a universal language for natural and social sciences. All current technological developments are based on them. Mathematics can also be learned, enjoyed, and shared by everybody. Studying mathematics is also learning humility, tolerance, and diversity.</p> <p>The aim of these Special Mathematics Lectures is to provide a solid knowledge on various mathematical topics. Concomitantly, students will develop a rigorous argumentation and a critical thinking. Each semester, a new subject is proposed, and these lectures are accessible to all students of Nagoya University, independently of their major and of their academic age. These special lectures also offer a unique opportunity to study in an international, transdisciplinary, and friendly environment.</p>	<p>In a global and interconnected society, mathematics play a central role. They are at the root of all communications tools, and serve as a universal language for natural and social sciences. All current technological developments are based on them. Mathematics can also be learned, enjoyed, and shared by everybody. Studying mathematics is also learning humility, tolerance, and diversity.</p> <p>The aim of these Special Mathematics Lectures is to provide a solid knowledge on various mathematical topics. Concomitantly, students will develop a rigorous argumentation and a critical thinking. Each semester, a new subject is proposed, and these lectures are accessible to all students of Nagoya University, independently of their major and of their academic age. These special lectures also offer a unique opportunity to study in an international, transdisciplinary, and friendly environment.</p>
英語・プレゼンテーションA1	Academic Presentation Design	講義	Lecture	2	LASGL0911E	<p>The main goal of this course is for students to learn how to present and interact with people at an international academic conference. Students will learn how to design properly structured PowerPoint slides and handouts. Students will gain experience presenting to students in class. Students will learn the fundamentals of presentation design through class lectures. Students will also practice appropriate conversations for conferences and answer questions during Q&amp;A sessions with a focus on how to strategically answer challenging questions from the audience.</p>	<p>The main goal of this course is for students to learn how to present and interact with people at an international academic conference. Students will learn how to design properly structured PowerPoint slides and handouts. Students will gain experience presenting to students in class. Students will learn the fundamentals of presentation design through class lectures. Students will also practice appropriate conversations for conferences and answer questions during Q&amp;A sessions with a focus on how to strategically answer challenging questions from the audience.</p>
英語・プレゼンテーションA2	Advanced Academic Presentation	講義	Lecture	2	LASGL0912E	<p>The main goal of this course is for students to learn how to create presentations for international conferences. Of special importance will be creating handouts and PowerPoint slides that contain the right amount of information to support a thesis statement. To learn how to do present, students will create handouts and PowerPoint slideshows that they will share and present in a multi-disciplinary class. Students will also practice working with research questions and thesis statements.</p>	<p>The main goal of this course is for students to learn how to create presentations for international conferences. Of special importance will be creating handouts and PowerPoint slides that contain the right amount of information to support a thesis statement. To learn how to do present, students will create handouts and PowerPoint slideshows that they will share and present in a multi-disciplinary class. Students will also practice working with research questions and thesis statements.</p>
英語・プレゼンテーションB1	Academic Presentations 1	講義	Lecture	2	LASGL0913E	<p>The main goal of this course is to help students create academic presentations that meet the standards of academic conferences. Lessons will address the content and structure of professional-level academic presentations as well as strategies for successful delivery, including slide design, speaking style, and body language.</p> <p>Student will gain practical experience with giving presentations, thereby becoming more confident and capable English speakers. They will also improve their speaking, listening, and writing abilities by responding to sample presentations.</p>	<p>The main goal of this course is to help students create academic presentations that meet the standards of academic conferences. Lessons will address the content and structure of professional-level academic presentations as well as strategies for successful delivery, including slide design, speaking style, and body language.</p> <p>Student will gain practical experience with giving presentations, thereby becoming more confident and capable English speakers. They will also improve their speaking, listening, and writing abilities by responding to sample presentations.</p>
英語・プレゼンテーションB2	Academic Presentations 2	講義	Lecture	2	LASGL0914E	<p>The main goal of this course is to help students build upon the skills cultivated in Research Skills B1 and create longer and more sophisticated academic presentations that meet the standards of academic conferences. Lessons will address the content and structure of professional-level academic presentations as well as strategies for successful delivery, including slide design, speaking style, and body language.</p> <p>Student will gain practical experience with giving presentations, thereby becoming more confident and capable English speakers. They will also improve their speaking, listening, and writing abilities by responding to sample presentations.</p>	<p>The main goal of this course is to help students build upon the skills cultivated in Research Skills B2 and create longer and more sophisticated academic presentations that meet the standards of academic conferences. Lessons will address the content and structure of professional-level academic presentations as well as strategies for successful delivery, including slide design, speaking style, and body language.</p> <p>Student will gain practical experience with giving presentations, thereby becoming more confident and capable English speakers. They will also improve their speaking, listening, and writing abilities by responding to sample presentations.</p>

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
フランス語・アカデミックライティングA	Academic Writing French A	講義	Lecture	2	LASGL0915O	フランス語でアカデミックライティングの基本を学ぶことを目的とします。学生がフランス語の学術論文を読むことができるようにすること及び自分の研究内容の要約がアカデミックなフランス語で書けるようにすることを目指します。 授業ではフランス語を使っての卒業論文、レポート、発表をするにあたり、文献の探し方、フランス語での書き方や発表の仕方などをそれぞれの研究テーマを用いて学びます。	The aim of this course is to learn the basic of academic writing in French. Our goal is that students will be able to read academic papers written in French and to write the summary of each research content in academic French. In this course, students will learn how to search for literatures, how to write papers in French or how to make presentations in French etc. using each research theme for making a graduation thesis, report, or presentation in French.
フランス語・アカデミックライティングB	Academic Writing French B	講義	Lecture	2	LASGL0916O	「フランス語・アカデミックライティングA」の続きです。フランス語でアカデミックライティングの基本を学ぶことを目的とします。学生がフランス語の学術論文を読むことができるようにすること及び自分の研究内容の要約がアカデミックなフランス語で書けるようにすることを目指します。 授業ではフランス語を使っての卒業論文、レポート、発表をするにあたり、文献の探し方、フランス語での書き方や発表の仕方などをそれぞれの研究テーマを用いて学びます。	This course is a continuation of Academic Writing French A. The aim of this course is to learn the basic of academic writing in French. Our goal is that students will be able to read academic papers written in French and to write the summary of each research content in academic French. In this course, students will learn how to search for literatures, how to write papers in French or how to make presentations in French etc. using each research theme for making a graduation thesis, report, or presentation in French.
Introduction to Intercultural Competence	Introduction to Intercultural Competence	講義	Lecture	2	LASGL0917E	授業では、異文化間能力の定義、モデル、構成要素と関連する概念(文化、言語文化とアイデンティティ、言語・非言語的コミュニケーション、偏見、ステレオタイプ、一般化、自民族中心主義、文化相対主義)等の異文化間能力の基礎知識と関連する概念を学び、ディスカッションやプレゼンテーションを通じて理解を深めることで、自身の異文化間能力を伸ばすための素養を養い、国際社会に相応しい教養を育むことが目的です。	This course aims to equip students with knowledge on how to develop their own intercultural competence by enhancing their understanding of the fundamental models and concepts(culture, culture and identity, verbal/non-verbal communication, prejudice, stereotype, generalization ethno and cultural relativism, etc) of intercultural competence through discussion and presentations, in order to prepare themselves for international society.
Immigration in Japan	Immigration in Japan	講義	Lecture	2	LASGL0918E	日本に滞在する外国人の法的、社会的な地位の分析を行います。特に、出入国管理法制の枠組み及び外国人受入れに対する政策に焦点をあてます。基本的に日本における動向を中心とするが、学生各々の国における状況との比較も行います。国際社会への認識・理解を深めることだけでなく、ディスカッションやプレゼンテーションを通して、コミュニケーション能力をレベルアップする機会が与えられます。	This course aims to analyze the legal and social status of foreign nationals in Japan, focusing in particular on immigration policy. Whilst Japan provides the setting, students are encouraged to draw comparisons with situations in their home countries. They will not only acquire a deeper understanding of international society; but are also expected to enhance their communication skills through discussion and presentations.
海外留学準備セミナー	Study Abroad Preparation Seminar	講義	Lecture	2	LASGL0919J	大学生の海外留学に必要な留学計画力構築、語学力(英語)向上、そして、異文化理解力向上を目的するとともに、この学習機会を提供することで、海外留学に対する興味関心・向上心を高めることを目的とする。	The goal of this course is to prepare students who are planning to apply for exchange program abroad or seeking to do a degree abroad after graduation.
短期海外研修A(北米)	Contemporary North American Society A	演習	Seminar	2	LASGL0930J	北米地域に学外授業(海外研修)、渡航前および帰国後の名古屋での授業を通じて、北米への理解を深めグローバル人材としての素養を得ることを目的とします。 [事前授業] ・オリエンテーション(研修参加の手続き) ・多文化環境におけるコミュニケーション ・対象国・地域の現代事情 [海外研修] [事後授業] ・成果報告会	The goal of this course is to understand the cultures and gain global perspective through short study abroad in the North America. Pre-session ・Orientation ・Intercultural Competency sessions Short term study abroad Post-session ・Group Presentation
短期海外研修B(北米)	Contemporary North American Society B	演習	Seminar	2	LASGL0931J	北米地域に学外授業(海外研修)、渡航前および帰国後の名古屋での授業を通じて、北米への理解を深めグローバル人材としての素養を得ることを目的とします。 [事前授業] ・オリエンテーション(研修参加の手続き) ・多文化環境におけるコミュニケーション ・対象国・地域の現代事情 [海外研修] [事後授業] ・成果報告会	The goal of this course is to understand the cultures and gain global perspective through short study abroad in North America. Pre-session ・Orientation ・Intercultural Competency sessions Short term study abroad Post-session ・Group Presentation



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短期海外研修C(欧州)	Contemporary European Society C	演習	Seminar	2	LASGL0932J	欧州地域に学外授業(海外研修), 渡航前および帰国後の名古屋での授業を通じて, 欧州への理解を深めグローバル人材としての素養を得ることを目的とします。 [事前授業] ・オリエンテーション(研修参加の手続き) ・多文化環境におけるコミュニケーション ・対象国・地域の現代事情 [海外研修] [事後授業] ・成果報告会	The goal of this course is to understand the cultures and gain global perspective through short study abroad in the Europe. Pre-session ・Orientation ・Intercultural Competency sessions Short term study abroad Post-session ・Group Presentation
短期海外研修D(欧州)	Contemporary European Society D	演習	Seminar	2	LASGL0933J	欧州地域に学外授業(海外研修), 渡航前および帰国後の名古屋での授業を通じて, 欧州への理解を深めグローバル人材としての素養を得ることを目的とします。 [事前授業] ・オリエンテーション(研修参加の手続き) ・多文化環境におけるコミュニケーション ・対象国・地域の現代事情 [海外研修] [事後授業] ・成果報告会	The goal of this course is to understand the cultures and gain global perspective through short study abroad in the Europe. Pre-session ・Orientation ・Intercultural Competency sessions Short term study abroad Post-session ・Group Presentation
短期海外研修E(アジア・オセアニア)	Contemporary Asian/Oceania Society E	演習	Seminar	2	LASGL0934J	アジア・オセアニア地域に学外授業(海外研修), 渡航前および帰国後の名古屋での授業を通じて, アジア・オセアニアへの理解を深めグローバル人材としての素養を得ることを目的とします。 [事前授業] ・オリエンテーション(研修参加の手続き) ・多文化環境におけるコミュニケーション ・対象国・地域の現代事情 [海外研修] [事後授業] ・成果報告会	The goal of this course is to understand the cultures and gain global perspective through short study abroad in Asia/Oceania. Pre-session ・Orientation ・Intercultural Competency sessions Short term study abroad Post-session ・Group Presentation
短期海外研修F(アジア・オセアニア)	Contemporary Asian/Oceania Society F	演習	Seminar	2	LASGL0935J	アジア・オセアニア地域に学外授業(海外研修), 渡航前および帰国後の名古屋での授業を通じて, アジア・オセアニアへの理解を深めグローバル人材としての素養を得ることを目的とします。 [事前授業] ・オリエンテーション(研修参加の手続き) ・多文化環境におけるコミュニケーション ・対象国・地域の現代事情 [海外研修] [事後授業] ・成果報告会	The goal of this course is to understand the cultures and gain global perspective through short study abroad in Asia/Oceania. Pre-session ・Orientation ・Intercultural Competency sessions Short term study abroad Post-session ・Group Presentation
海外言語文化演習(英語)	Introduction to English Socio-Cultural Studies	演習	Seminar	2	LASGL0936J	専門的学習のツールとして外国語の能力を高め, 異文化理解を深めて, 国際社会に相応しい教養を育むことが目的です。本授業では, より高度かつ多様な英文読解を行い, 英語文化についての深い教養を身につけます。英語圏の大学において英語の短期研修に参加することにより, 英語のコミュニケーション能力(話す, 聞く)を向上させるとともに, 受講生自らが設定するプロジェクトを通して, 自立的な学習による問題解決能力および国際的な適応力を育成します。	This course is intended to boost capabilities in foreign languages as a tool for specialized academic pursuits, to enhance understanding of foreign cultures, and in doing so, to help students prepare themselves for international society.
海外言語文化演習(ドイツ) 1	Introduction to German Cultural Studies 1	演習	Seminar	1	LASGL0937J	ドイツ語を半年以上学んだ受講生を対象に, ドイツ語圏の文化について, 「文学」「芸術」「音楽」「歴史」「社会」など, 多角的な方面から学びます。視聴覚資料を活用して生きたドイツ文化を吸収し, ドイツ語圏についての知識を深めることにより, ドイツ語学習がより楽しいものとなることをめざしています。	This course is designed for students who have studied German for more than half a year. Students learn about the culture of German-speaking countries from a variety of perspectives, including literature, art, music, history, and society. The aim of the course is to make learning German more enjoyable by using audio-visual materials to enable students to experience live German culture and deepen their knowledge of the German-speaking world.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
海外言語文化演習(ドイツ)2	Introduction to German Cultural Studies 2	演習	Seminar	1	LASGL0938J	フライブルク大学で行われる、会話トレーニングに重点を置いた短期ドイツ語研修プログラムです。語学学習でより実践的なドイツ語を身につけてもらうことだけでなく、文化体験・見学活動を通して、様々な形でドイツという国を体感してもらうことをめざしています。	This is a short-term German language training program at the University of Freiburg that focuses on conversation training. The goal is not only to acquire more practical German language skills through language study, but also to experience Germany in various ways through cultural experiences and field trips.
海外言語文化演習(フランス)1	Introduction to French Cultural Studies 1	演習	Seminar	1	LASGL0939J	フランスおよびフランス語について多面的に学び、広範な知識を得ることを目的とします。そうした知識は、専門領域に関する深い理解や多様な視点の獲得等へとつながり、研究や社会生活において大いに有益となるでしょう。	The purpose of this course is to provide students with a broad knowledge of France and the French language from various perspectives. Such knowledge leads to an in-depth understanding of the specialized field and acquisition of diverse perspectives, which benefit research and social life considerably.
海外言語文化演習(フランス)2	Introduction to French Cultural Studies 2	演習	Seminar	1	LASGL0940J	フランス・ストラスブール大学で短期研修を行います。この研修は、フランス語によるコミュニケーション力の向上と、フランスおよびヨーロッパの社会や文化の理解を目的とします。海外ならではの体験を通じ、多くを学ぶことができます。また、学生時代の早い時期に異文化体験をすることにより、その後の学生生活での目的意識を高めたり、進路選択の幅を広げることが可能となるでしょう。	This is a short-term training program at the University of Strasbourg, France. The purpose of this program is to enhance communication skills in French and an understanding of European and, in particular, French society and culture. Students are able to learn considerably through unique experiences abroad. In addition, by experiencing different cultures in their early school years, students are able to enhance their sense of purpose and broaden their future career choices.
海外言語文化演習(中国)1	Introduction to Chinese Cultural Studies 1	演習	Seminar	1	LASGL0941J	中国語初級・中級の受講生を対象に、中国語・中華文化圏の文化や社会について、多角的に学びます。中国をめぐる様々なトピックに関する知識を深めることにより、日頃の中国語学習をより楽しく実り多いものとするをめざします。	This course is designed for beginner- and intermediate-level Chinese language students to enable them to learn about the Chinese language, culture, and society in the Chinese cultural sphere from various perspectives. The aim of the course is to deepen students' knowledge of various topics related to China and to ensure their daily study of Chinese is more enjoyable and fruitful.
海外言語文化演習(中国)2	Introduction to Chinese Cultural Studies 2	演習	Seminar	1	LASGL0942J	上海の同済大学で8月に開催される15日間の短期海外派遣プログラムに参加します。日常生活で使用する基本的な文法と語彙を、実践的な練習を通じて運用できるレベルに到達することを目標とします。中国現地では語学研修の授業を受講するだけでなく、様々な文化活動に参加することによって、実践的な語学の運用力を高め、また中国の文化・社会への理解を深めることをめざします。	Students participate in a 15-day short-term overseas program held at Tongji University in Shanghai in August. The goal of the program is to achieve a level of proficiency in basic grammar and vocabulary used in daily life through practical exercises. While in China, students not only attend language training classes, but also participate in various cultural activities to improve their practical language skills and deepen their understanding of Chinese culture and society.
EMI科目	Content courses taught in English	-		-	LASGL0950E	"English as a medium of instruction" (EMI) courses are courses where academic content is provided in English. These courses provide students from the regular Japanese-language-based program the opportunity to study academic content of their choice in English. Students will experience lectures in English and will practice English language in realistic setting, similar to going abroad to English-speaking university. These courses are part of the G30 international program and are taken together with G30 international students. Taking these courses requires enough English language abilities to understand lectures, participate in discussions and write academic assignments.	"English as a medium of instruction" (EMI) courses are courses where academic content is provided in English. These courses provide students from the regular Japanese-language-based program the opportunity to study academic content of their choice in English. Students will experience lectures in English and will practice English language in realistic setting, similar to going abroad to English-speaking university. These courses are part of the G30 international program and are taken together with G30 international students. Taking these courses requires enough English language abilities to understand lectures, participate in discussions and write academic assignments.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
JMI科目	Content courses taught in Japanese	-		-	LASGL0951J	"Content courses taught in Japanese" (JMI) courses are courses where academic content is provided in Japanese. These courses provide students from the G30 international program the opportunity to study academic content of their choice in Japanese. Students will experience lectures in Japanese and will practice Japanese language in more realistic setting. These courses are part of the regular Japanese-language-based program and are taken together with Japanese students. Taking these courses requires enough Japanese language abilities to understand lectures, participate in discussions and write academic assignments.	"Content courses taught in Japanese" (JMI) courses are courses where academic content is provided in Japanese. These courses provide students from the G30 international program the opportunity to study academic content of their choice in Japanese. Students will experience lectures in Japanese and will practice Japanese language in more realistic setting. These courses are part of the regular Japanese-language-based program and are taken together with Japanese students. Taking these courses requires enough Japanese language abilities to understand lectures, participate in discussions and write academic assignments.
連携開設科目	Cooperative Subjects	-		-	LASGL0999J	連携大学の開講する特色ある授業科目の履修を通じて、幅広い内容の理解をすすめる。教養ある「勇気ある知識人」の資質を涵養する。	This course deepens students' understanding of a wide range of content and fosters the quality of well-educated "courageous intellectuals" through the distinctive courses offered by partner universities.

## 教養科目 / Liberal Arts Courses

## 現代教養科目 / Contemporary Liberal Arts

## 人文・社会系 / Humanities and Social Sciences

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
哲学・思想入門	Introduction to Philosophy	講義	Lecture	2	LASCL0100J	世界を全体として理解し、その世界における人間の位置づけ、生きることの意味と価値を根底から考えようという営み、それは「哲学」(philosophia=知を愛すること)あるいは「思想」(thought=文字通り考えるということそのもの)と呼ばれてきました。哲学・思想の根本問題をとりあげ、受講者とともに考えぬくことを通じて、哲学・思想の広大な世界に触れることを目指します。	Thinking about the human's position in the world and the fundamental meaning about the reason and values for a life with understanding the world as a whole; it has been called as "Philosophy"(Philosophia = Love of Wisdom) or "Thought" (= The Act of "Thinking"). The goal of this course is to feel the huge world of "Philosophy and Thought" by featuring the fundamental problems of "Philosophy and Thought" and thinking them through with students.
歴史学入門	Introduction to History	講義	Lecture	2	LASCL0101J	たんに過去の出来事を暗記するのではなく、史料から人類の過去を再現するための学問的手続き、その出来事がなぜ起こり、どのような意味をもったのかを考察する歴史学的思考を学びます。それにより、自分が生きている時代と世界のあり方を相対化し、大きな座標系において考える習慣を身につけることを目指します。	In this course, students will not simply memorize the events of the past, but will learn the academic procedures for re-creating the human past from historical documents, and the historical thinking that considers why the events occurred and what they meant. Through this learning, students will acquire the habit of relativizing the world and the era in which they live, and considering them in a wider frame of reference.
言語学入門	Introduction to Linguistics	講義	Lecture	2	LASCL0102J	人間は言語を使って考え、言語でコミュニケーションをとって生きています。人間が人間として生きるのに、言語は欠くことができません。しかし、人間にとって当たり前の存在である言語には不思議なことも多いです。この不思議なことを考えることを通じて、言語とは何なのかを考えることが本授業の目的です。	Humans use language for thinking and for communication. Language is indispensable for them to live as humans. However, though it is thought to be a natural part of human life, there are many strange things about language. The goal of this course is to consider what language is by thinking about these mysterious things.
文化・芸術学入門	Introduction to Cultural Studies	講義	Lecture	2	LASCL0103J, LASCL0103E	人間が創造してきた文化を表現する媒体の中心となるのは、文字や音声によって実現される言語です。歴史的資料や思想・文学作品がその代表であるが、しかし文化の表現手段は言語に限られるわけではありません。絵画や彫刻などの図像、あるいは舞踊や儀礼などの視覚的媒体を使用する表現形態もあります。この科目では、多様な媒体を通して実現される文化的創造を全体として「記号」としてとらえ、そこに見られる構造の一般性を解説します。	The central medium for expressing the culture that humans have created is language, which is realized through writing and speech. While its representative examples are historical documents, thought and literary works, the means of cultural expression is not limited to language. There are also forms of expression that use visual media, such as painting and sculpture, and dance and rituals. In this course, we will regard cultural creation realized through various media holistically as "symbols," and explain the generality of the structures that are found in them.
社会学入門	Introduction to Sociology	講義	Lecture	2	LASCL0104J	現代社会は、グローバル化という大きな社会変動のなかにあります。グローバル化は90年代に入って加速したが、その潮流は18世紀末にヨーロッパで始まった近代化modernizationの延長線上に位置するものです。近代化は過去2世紀にわたって社会構造を大きく変え、コミュニティや家族のあり方にも甚大な影響を与えてきました。本講義では、近代化の延長としてのグローバル化が進む現代において、人間生活がいかに根本的な変容を迫られているかについて概説します。	Globalization and other major social changes have made contemporary society increasingly opaque. In addition, there is a growing need to acquire sociological perspectives to understand the social implications of doing academic research, regardless of humanities or sciences. In this lecture, we will introduce theories and empirical findings of sociology while taking up familiar social phenomena to help students to think about society for themselves.
心理学入門	Introduction to Psychology	講義	Lecture	2	LASCL0105J	人間が自然環境や社会環境に適応する際の心の働きを、実証的に明らかにするのが心理学です。授業では、感覚・知覚・認知、感情と動機づけ、意識・非意識と身体、行動の形成と発達、自己と他者、集団・文化の影響、心の問題とその支援など幅広い分野の中から重要問題を取り上げ、心理学が明らかにした様々なことから学びます。	In the field of psychology, researchers empirically investigate the role of mind in the process of human adaptation to natural and social environments. In this class, we will discuss important issues selected from a wide range of areas such as "sensation, perception, and cognition," "emotion and motivation," "consciousness, non-consciousness and the body," "learning and development of behavior," "self and others," "influence of groups and culture," "mental problems and support."

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
現代社会と教育	Modern Society and Education	講義	Lecture	2	LASCL0106J	本講義を通して、現代社会が抱える諸問題に対して、教育が果たす役割や考える必要のある事柄、あるいは期待されていることについて追究することを目的とします。受講者の表面的な理解に留まることがないように、学校教育のためのマネジメントや内容・方法、家庭・地域社会・職業生活等の人間形成やそれを支える歴史や教育システム、教育に関わる哲学・社会学・人類学など、授業者の専門に関連付けたトピックスを取り上げて、これまでに学んできたことの意義を再確認したり、今後学ぶこと/教えることの責任や意義を認識したりすることを支援します。	Through this lecture, we aim to pursue the role that education plays, the matters that need to be considered, and what is expected of it in response to the various problems facing modern society. In order to prevent participants from having only a superficial understanding of the subject matter, topics related to the class instructor's specialty, such as management, content, and methods for school education; human development and the history and educational systems that support it, including family, community, and professional life; and philosophy, sociology, and anthropology related to education, will be covered to help students reconfirm the significance of what they have learned so far and recognize the responsibility and significance of learning/teaching in the future.
日本国憲法	Constitution of Japan	講義	Lecture	2	LASCL0107J	現代社会が抱える課題に対する学際的・総合的分析能力を養うとともに、目指す専門分野と憲法学との関連性を理解することによって、専門知の社会的役割を認識し、自らの専門分野を相対化する視点を身につけます。具体的に扱うテーマは、担当教員の専門分野や関心に応じて設定されます。	This course is designed to develop interdisciplinary and comprehensive analytical skills for the issues facing modern society, and to understand the relationship between the specialized field of study to be pursued and constitutional law, thereby recognizing the role of specialized knowledge in society and acquiring the perspective to relativize one's own specialized field. The specific topics to be dealt with will be determined according to the specialties and interests of the instructor.
法学入門	Introduction to Law	講義	Lecture	2	LASCL0108J	現代社会が抱える課題に対する学際的・総合的分析能力を養うとともに、目指す専門分野と法学との関連性を理解することによって、専門知の社会的役割を認識し、自らの専門分野を相対化する視点を身につけます。具体的に扱うテーマは、担当教員の専門分野や関心に応じて設定されます。	This course is designed to develop interdisciplinary and comprehensive analytical skills for the issues facing modern society, and to understand the relationship between the specialized field of study to be pursued and law, thereby recognizing the role of specialized knowledge in society and acquiring the perspective to relativize one's own specialized field. The specific topics to be dealt with will be determined according to the specialties and interests of the instructor.
政治学入門	Introduction to Political Studies	講義	Lecture	2	LASCL0109J, LASCL0109E	現代社会が抱える課題に対する学際的・総合的分析能力を養うとともに、目指す専門分野と政治学との関連性を理解することによって、専門知の社会的役割を認識し、自らの専門分野を相対化する視点を身につけます。具体的に扱うテーマは、担当教員の専門分野や関心に応じて設定されます。	This course is designed to develop interdisciplinary and comprehensive analytical skills for the issues facing modern society, and to understand the relationship between the specialized field of study to be pursued and political science, thereby recognizing the role of specialized knowledge in society and acquiring the perspective to relativize one's own specialized field. The specific topics to be dealt with will be determined according to the specialties and interests of the instructor.
経済概論	Introduction to Economics	講義	Lecture	2	LASCL0110J, LASCL0110E	現代世界を考える上で、市場経済のメカニズムの理解は必要不可欠です。グローバルな問題、例えば環境問題や南北問題等を市場経済の成果や失敗として読み解くことができます。日本においても、経済構造改革、社会保障改革や格差の問題をめぐる議論で、経済を市場にどこまで委ねるべきかが問われています。この講義では、市場経済の歴史やその仕組みを理解し、現実の経済問題に対する洞察力を高めることを目的とします。	This course introduces students to the market economy. Understanding the history and the mechanism of the market economy is indispensable for thinking about the modern world. Many of the problems that nations and the world face such as environmental destruction, unemployment, poverty, education and health can be understood as the fruits and failures of the market. The aim of this course is to promote students' understanding of the market economy and to develop insight into real economic problems.
経営・会計入門	Introduction to Management and Accounting	講義	Lecture	2	LASCL0111J	現代社会における企業活動に関する問題・課題等に触れながら、それに対するアプローチや分析の仕方及び問題を考える際の思考枠組みなどを講義するものです。この意味で、概説的な内容を踏まえながら、近年になって発生した経営/会計の問題、あるいは過去から未だ解決されていないような課題などにも焦点を当て、講義を行う予定です。	This course focuses on problems and issues related to corporate activities in modern society, and lectures on approaches to these problems, methods of analysis, and frameworks for thinking about them. In this sense, the lectures will give an overview, focus on management/accounting issues that have arisen in recent years or issues that have not yet been resolved.
連携開設科目	Cooperative Subjects	-	-	-	LASCL0199J	連携大学の開講する特色ある授業科目の履修を通じて、幅広い内容の理解をすすめ、教養ある「勇気ある知識人」の資質を涵養する。	This course deepens students' understanding of a wide range of content and fosters the quality of well-educated "courageous intellectuals" though the distinctive courses offered by partner universities.

## 教養科目 / Liberal Arts Courses

## 現代教養科目 / Contemporary Liberal Arts

## 自然系 / Natural Sciences

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
物理学入門	Introduction to Physics	講義	Lecture	2	LASCL0200J	我々のまわりの様々な物理現象を積極的に利用して、我々に役立つ物(例えば、自動車や飛行機など)を作る努力がなされています。これらは、単一あるいは複数の物理現象を利用しています。ここでは、これらのいくつかを取り上げ、その現象や応用方法、問題点について学び、理解を深めることを目的とします。	In this course, several physical phenomena will be introduced. By actively utilizing various physical phenomena around us, many useful objects (e.g., automobiles, airplanes, etc.) are created. The goal of this course is to learn about the phenomena, their application methods, and their problems, and to deepen their understanding.
化学入門	Introduction to Chemistry	講義	Lecture	2	LASCL0201J	私たちの住む世界には、周期律表を構成する100種類を超える元素が存在し、この元素の様々な組み合わせにより目を見張るような多種多様な分子が作り出されています。それらの分子は、結合様式、分子構造、反応様式の特徴を生かして、自然界で形作られたり、あるいは化学的に合成されています。また、分子の集合体は、自然界でも、私たちの日常生活でも、多様な機能を持つ材料として利用されています。本講義では、このような分子が作る自然のシステムや材料の機能発現の仕組みを学びます。	In the world we live in, we can find more than 100 kinds of elements listed in the periodic table, and the various combinations of these elements create spectacularly variety of molecules. These molecules are naturally formed or chemically synthesized by taking characteristics of their bonds, molecular structure, and reaction mode. In addition, molecular assemblage is also used as materials with various functions both in nature and in our daily lives. In this lecture, we will learn about the natural systems created by such molecules and the mechanism of the materials function expressions.
材料科学入門	Introduction to Materials Sciences	講義	Lecture	2	LASCL0202J	私たちの生活はさまざまな人工物に支えられています。これらの人工物はその機能に適した材料からつくられます。その材料を開発することも科学・技術の大事な仕事です。物理学、化学の知識を融合し、新しい材料やデバイスの設計と開発、そして評価をおこなう学問である材料科学の方法と成果を学ぶことが本授業科目の目的です。	Our lives are supported by various man-made objects. These products are made from materials suitable for their function. To develop the material, both are important in science and technology. It is a discipline that combines knowledge of physics and chemistry to design, develop, and evaluate new materials and devices. The goal of this course is to learn the methods and usage of materials science.
生命科学入門A	Introduction to Life Sciences A	講義	Lecture	2	LASCL0203J, LASCL0203E	生命科学はこの数十年の間に急速に進展し、旧来の学問の枠を越えて物理学、化学など広範囲の自然科学分野を覆う学際的な分野となって来ています。さらに、さまざまなバイオテクノロジーの開発により、遺伝子改変動植物、再生移植医療などの言葉で象徴されるように生命科学は社会と密接に関わり合う学問となってきています。この講義では、現代社会における生命科学の意義の理解を深めるため、現代の生命科学の状況について解説します。	Life sciences have made rapid progress over the past few decades, and have become an interdisciplinary field that overlaps with a wide range of natural science fields, including physics and chemistry, beyond the boundaries of traditional academic disciplines. Furthermore, with the development of various biotechnologies, life sciences have become a discipline that is closely related to society, as symbolized by genetically engineered animals and plants, and regenerative medicine. In this course, students will learn the current status of life science in order to deepen their understanding of the significance of life science.
生命科学入門B	Introduction to Life Sciences B	講義	Lecture	2	LASCL0204J, LASCL0204E	地球上では多様な環境の中に生物が満ちあふれ、人類もそこに共存しています。また、農業生産物をはじめ、人類が食物として摂取するものもそのほとんどが生物に由来するものです。微生物から動物や植物まで、そして細胞の中の分子レベルの事象から森林や海洋など地球環境レベルの事象まで、生命科学が題材にする分野は大きく広がっています。さらに、再生医療、ゲノム編集、機能性食品、環境浄化、バイオエネルギーなど生命科学は身近で重要な問題の基盤でもあります。この講義では、現代の生命科学を理解するための基礎的な知識を学び、さらに大学や企業で今のような研究が行われているのかについて理解を深めます。	The earth is full of living organisms in a variety of environments, and humans coexist there. In addition, most of the foods we consume, including agricultural products, are derived from the living organisms. From microorganisms to animals and plants, and from molecular-level events in cells to global environmental events in forests and oceans, the field of life science has expanded greatly. Furthermore, life science is the basis for many important issues in our daily lives, such as regenerative medicine, genome editing, functional foods, environmental purification, and bioenergy. In this lecture, students will learn the basic knowledge of modern life science, and deepen their understanding of what kind of research is currently being conducted at universities and companies.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
地球惑星科学入門	Introduction to Earth and Planetary Sciences	講義	Lecture	2	LASCL0205J	我々が暮らす地球および太陽系の構成や成り立ち、そこで起きる様々な現象に関する基礎的な事柄などについて学ぶことを通して、気候変動、資源の枯渇、自然災害など地球で暮らす我々が抱える様々な問題に向き合う上で必要不可欠な地球惑星科学の知識と考え方を修得します。	Through learning about the structure and formation of the Earth and the solar system in which we live, as well as basic information about the various phenomena that occur there, students will acquire knowledge and ideas in earth and planetary science that are essential for dealing with the various problems we face on Earth, such as climate change, resource depletion, and natural disasters.
大気水圏科学入門	Introduction to Hydrospheric-Atmospheric Sciences	講義	Lecture	2	LASCL0206J	大気水圏とは地球表面の大気や水が存在する領域、すなわち大気圏、海洋、陸面を指します。その科学とは、この広範な領域の構造やその変動、そこで生じる様々な現象の理解を目指すもので、地球環境の科学やさらには自然災害科学の一部も含まれます。本講義ではこれらのうちの主要な領域や具体的問題に焦点を当てて、それらの構造やそのなかで起こる多様な現象の構造やメカニズムの理解を目指します。	Atmospheric-hydrosphere refers to the region of the Earth's surface where the atmosphere and water exist: the atmosphere, oceans, and land surface. The science of the atmosphere and hydrosphere is aimed at understanding the structure of this broad region, its changes, and the various phenomena that occur there, including Earth and environmental sciences, and some aspects of natural disaster science. In this lecture, we will focus on the major areas and specific problems in these areas, and aim to understand the structure of these areas and the structure and mechanisms of the various phenomena that occur in them.
現代医学入門	Introduction to Modern Medicine and Medical Science	講義	Lecture	2	LASCL0207J	生命科学の進歩や社会・環境の変革に伴って、医学は刻々と変化しつつあります。マルチオミクス・ビッグデータ・AIを用いた解析・診断や、ゲノム解析に基づく個別化医療・抗体医療などが一例です。本講義では、近年、格段の進歩を遂げた分野を中心に、現代の医学について、受講生が触れるとともに、明日の医学を考える機会とします。	Medicine is changing every moment with the progress of life science and the change of society and environment. Examples include analysis / diagnosis using multi-omics, big data, and AI, and personalized medicine / antibody medicine based on genome analysis. This lecture will be an opportunity for students to come into contact with modern medicine, focusing on fields that have made remarkable progress in recent years.
現代数学入門	Introduction to Contemporary Mathematics	講義	Lecture	2	LASCL0208J,E	数学は最も古い学問の一つとして古代ギリシャに端を発し、近代自然科学の基礎及び代表的分野として発展し現代に至っています。そこには数論など最も深く美しい世界とともに、様々な分野と結び付く数理学の広大な世界が広がります。本科目は、高校までの数学の彼方にある、こうした現代数学の多様な世界を紹介することを目的とします。その中で、数学上の概念が定義され、理論が生み出されるという出来事は、きわめて人間的な営みであること、物理学など様々な学問との交渉の上に成立すること、そして新しいものの見方を生み出すものであることを理解することをめざしています。	Mathematics originated in ancient Greece as one of the oldest disciplines, and has developed as a foundation and representative field of modern natural science to the present day. Along with the deepest and most beautiful world of number theory, the vast world of mathematical science connected to various fields spreads out there. The goal of this course is to introduce you to the diverse world of modern mathematics that lies beyond mathematics up to high school. In this course, we try to convey that defining mathematical concepts and creations of theories are extremely human activity. Also, mathematics is established through negotiations with various disciplines such as physics, and it provides new perspectives.
放射線と放射能	Radiation and Radioactive Decay	講義	Lecture	2	LASCL0209J	現代社会では、医療分野をはじめとした様々な分野で、放射線が利用され、われわれの日常生活を支えています。一方、福島原子力発電所の事故では、多くの人々が不幸な形で、放射線と向き合うこととなりました。このような利便性とリスクの双方を兼ね備えた放射線について正確な知識をもつことは、現代に生きる市民にとって不可欠のリテラシーでしょう。放射線と放射能に関する基礎的な科学的知見を身につけ、放射線に対して正しく対応できるようになることを目指します。	In modern society, radiation is used in various fields including the medical field to support our daily lives. On the other hand, in the accident at the Fukushima nuclear power plant, many people unfortunately faced radiation. Having accurate knowledge of radiation, which has both benefit and risk, is an essential literacy for modern citizens. We aim to acquire basic scientific knowledge about radiation and radioactivity so that we can get along with them correctly.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
物質と科学	Science of Materials	講義	Lecture	2	LASCL0210E		This course provides students with the skills required to analyze and understand phenomena in the field of materials sciences and related interdisciplinary fields. The objectives are to introduce universal concepts in Science and their application to materials and to understand the relationships that exist between the structural elements of materials (microscopic properties) and their properties and performance (macroscopic properties). Students will be able to understand the origins and mechanisms of materials mechanical, electrical, thermal, magnetic, and optical properties.
連携開設科目	Cooperative Subjects	-		-	LASCL0299E	連携大学の開講する特色ある授業科目の履修を通じて、幅広い内容の理解をすすめ、教養ある「勇気ある知識人」の資質を涵養する。	This course deepens students' understanding of a wide range of content and fosters the quality of well-educated "courageous intellectuals" through the distinctive courses offered by partner universities.



## 教養科目 / Liberal Arts Courses

## 現代教養科目 / Contemporary Liberal Arts

## 学際・融合系 / Interdisciplinary/Integration of arts and sciences

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
芸術論A	Lecture on Art A	講義	Lecture	2	LASCL0300J	伝統的芸術について論じます。伝統的芸術には、絵画・彫刻・音楽・映画などが含まれます。それらの歴史と現在について学びながら、受講生は、技術の一種である芸術が自然とどのような関係を取り結んできたのか、これまで人間や社会が芸術を必要としてきたのはなぜか、芸術が現代の社会に対してどのような役割を果たすことができるのかなど、さまざまな問題について考察します。その過程で、芸術作品の見方、分析の仕方などについても学びます。芸術論Bと補完的です。	In Art Theory A we mainly discuss traditional art. Traditional art includes paintings, sculptures, music, movies, and so on. While learning about their history and present, students are requested to reconsider the relationships of art, as a kind of technology, to nature, the reasons why human beings and society have needed art so far, and what role can art play in our society. In the process, students also learn how to view and analyze works of art. Art Theory A is complementary to Art Theory B.
芸術論B	Lecture on Art B	講義	Lecture	2	LASCL0301J	メディア芸術について論じます。メディア芸術とは、コンピュータ以降の新しいテクノロジーを用いて制作されただけでなく、サイエンスや新しいテクノロジーについての省察をその内容に含むような芸術のことです。コンピュータ・アート、バイオアート、さらにはある種のデザインやポップカルチャーなども、ここに含まれます。受講生は、新しい作品の理解を通して、現代の社会とそれを支えるテクノロジー、またテクノロジーと自然との関係などについて考察します。芸術論Aと補完的です。	In Art Theory B we mainly discuss media arts. Media arts are arts that are not only created using new technologies since the computer, but also include reflections on science and new technologies. This includes computer art, bio-media art, and even some kinds of design and pop culture. Through the understanding of new works, students are requested to reconsider the contemporary societies and the technology that supports them, and the relationship between technology and nature. Art Theory B is complementary to Art Theory A.
文化論・芸術論	Art and Culture	講義	Lecture	2	LASCL0302J, LASCL0302E	文化芸術を表象という観点から理解することを目指します。表象とは、心または意識に現前するものを意味し、それは具体的には、文字・画像・音声などを通して現れた形・姿のことです。つまり、美術・文学・音楽・映画など様々な作品はもちろん、文字・画像・音声などの媒体も本科目の対象となります。さらに、その表象が、時代・社会や文化との関係の中で、どのように表現され、また、どのように感受されたのか、といった問題についても考察していきます。	The goal of this course is to understand culture and art from the perspective of representation. "Representation" means something that is present in the mind or consciousness; specifically, it is the shape or figure that appears through letters, images, sounds, etc. Therefore, not only various works of art, literature, music, and films, but also media such as letters, images, and sounds are the target of this course. We will also examine how these representations have been expressed and received in relation to the times, society and culture.
環境学入門	Introduction to Environmental Studies	講義	Lecture	2	LASCL0303J	文明の進化、科学技術の発展とともに、人間をとりまく環境はますます複雑になっています。人間の活動により自然環境の改変・破壊が進み、地球の温暖化をはじめとする数々の環境問題を生じさせる一方で、社会生活が多様化、複雑化することにより、社会環境も複雑化・不透明化しています。本講義では、自然及び社会の両面にわたる環境諸問題を環境学の視点から学びます。環境という包括的なキーワードにより複合的に眺め、安全で安心、かつ文化的に豊かで持続可能な地球・都市・社会について考えることを目的とします。	With advances in civilization and developments in science and technology, the environment in which people live is becoming increasingly complex. Just as various environmental problems such as global warming have arisen due to continuing degradation and destruction of the natural environment as a result of human activity, the societal environment has also become more complex and opaque due to increasing diversity and complexity of our social lives. In this course, we will study various environmental problems, covering both natural and social problems, from the perspective of environmental studies. Our aim is to think about maintaining sustainability on the Earth, in our cities, and in our societies, and how to ensure that they are safe, secure, and rich with culture by taking a multi-faceted view of these issues using the overarching theme of environment.
大学でどう生きるか	How do you live in University days	講義	Lecture	2	LASCL0304J	人は悩む能力があるからこそ、悩むことができます。そして人は悩むことによって成長します。大学生活の中で悩んだ時に仲間(ピア)の存在は重要です。仲間から支えられながら逆に仲間を支えることで相互に成長することを自分自身の体験を振り返りながら学びます。また大学時代は将来を考える時期でもあります。自分らしい未来のために大学でどう生きるのかを考えます。	We worry, because we have the ability to do so. We also grow by working through our worries and difficulties. When we worry during life at school, the existence of our peers becomes important. The aim of this course is to learn through the experience and reflection of being supported by, as well as supporting one's peers. University life is also the time to think about one's future. We will also consider how to spend the time at university with one's own future in mind.

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青年期における心の健康	Mental Health and Future Perspectives in Adolescence	講義	Lecture	2	LASCL0305J	青年期は心の発達において成人期前の準備段階にあたり、アイデンティティの形成や将来展望、家族からの独立といった多くの課題を抱える時期です。また大学という環境は自由度が格段に広がり、自己決定の機会や能動的な関与が求められるため、青年は大きな環境の変化に直面します。こうした人生において重要かつ不安定になりやすい時期にある学生に対して、青年期の発達の特徴と意味、陥りやすい精神的問題と解決法、さらには将来展望の持ち方などを講義することによって、学生生活におけるウェルビーイングの向上について考えます。	In human development, adolescence is the stage in preparation of young adulthood. It is also a time one faces many challenges, such as forming one's identity, planning for one's future, and gaining independence from one's family. The adolescent is faced with drastic change entering the university environment which allows for significant freedom and opportunities for active participation and self-determination. The aim of this course is to consider how to improve one's well-being in student life, through lectures of the characteristics and meaning of adolescent development, at risk psychological problems and their solutions, as well as how one looks to the future, during the time of life that is both important and unstable.
クリエイティブイノベーション講座	Introduction to Creative Innovation	講義	Lecture	2	LASCL0306J	本講座では、イノベーションを創り出していくための基本を学びます。イノベーションとは何か？から始まり、アントレプレナーシップ、起業家に必要な考えや行動などの未来を創る法則を学び、今後のキャリアに活かすことを考えていきます。その法則とは、未来を創造することから始まり、戦略を練り、地図を描き、仲間を集めて、武器を持って冒険することです。戦略の練り方、地図の描き方などをワークしながら学び、自らの考えを構築すると共に、先輩起業家等ともディスカッションの機会も作っていきます。	In this course, you will learn the basics of creating innovation. You will learn the law that create the future and what is innovation, such as entrepreneurship, thoughts and actions necessary for entrepreneurs, and think about how to utilize them in future careers. The law is to start by creating the future, develop strategies, map, gather friends, and adventure with weapons. You will learn while working on how to formulate strategies and how to draw maps, build your own ideas, and create opportunities for discussions with senior entrepreneurs.
キャリア形成論	Introduction to Career Development Theory	講義	Lecture	2	LASCL0307J, LASCL0307E	現在、急速な時代の変革で、社会で求められる人材も大きく変化してきました。年功序列や終身雇用という雇用形態も変わりつつあり、ジョブ型雇用やキャリアチェンジを選択されるようになってきました。『キャリア』とは、人生を構成する一連の出来事全てです。大学・大学院時代の経験を基盤に、多種多様なキャリア選択ができる時代です。大学時代・大学を卒業してからの人生とキャリア形成について、様々な職業の方の話を参考に、自らの進路をどう選択していくのかを考え、自らのキャリア形成に繋げていくことを目的とします。	Nowadays, the human resources requirements which society needs have been changed drastically. Traditional employment system such as seniority system, a career-long employment has been shifted to Job-type employment and other types. Also, people have chosen a career-change compared to before. A "CAREER" is all events that make up your life. You can choose your career from a wide variety of careers based on your experiences at university. The goal of this course is that you think deeply about your career and get a hint from lectures in a variety of fields and professionals to find the way to form your career.
メディアリテラシー	Media Literacy	講義	Lecture	2	LASCL0308J	ソーシャルメディアが日常に浸透し、デマやフェイクニュースはいつの間にか珍しいものではなくなくなっています。同時に、スマートホンの操作1つで、誤った情報を拡散してしまったり、友人のプライバシーを侵害し、意図せず自分が加害者になってしまう危険と隣り合わせになっています。われわれはメディアとどのように付き合い、使いこなしていけばよいでしょうか。本講義では、テレビ局の協力を得て、メディアリテラシー、テレビ報道と放送の使命やメディアの課題、問題点を考えていきます。ニュース、ドキュメンタリー、ドラマ、バラエティなどの番組を制作している記者、ディレクター、アナウンサーや技術者をお招きし、放送の在り方やジャーナリズムについて、現場の体験を踏まえた講義を行います。	As social media permeates our daily lives, hoaxes and fake news are becoming more and more common. At the same time, we are facing the danger of spreading false information, invading the privacy of our friends, and unintentionally becoming a perpetrator, all with a single operation of our smart phones. How should we deal with and use the media? In this lecture, with the cooperation of TV stations, we will consider media literacy, the mission of TV reporting and broadcasting, and issues and problems in the media. Reporters, directors, announcers, and technicians who produce news, documentary, drama, and variety programs will be invited to give lectures on the nature of broadcasting and journalism based on their experiences in the field.
社会安全学	Introduction to Social Safety Management	講義	Lecture	2	LASCL0309J	「安全」や「安心」という言葉をよく耳にするが、それはどのような状態なのでしょう？事故、火災、感染症、災害など、自分の回りに多くの危険がある中でどこまでその危険さを理解しているのでしょうか？この講義では、専門分野に限らず、全ての人が安心して暮らすために、その根本となる安全や健康について基礎的な知識を学びます。自身に訪れる危機やリスクを正しく理解し、広い社会で賢く暮らす術を身に着けることを目的とします。	We often hear the words "safety" and "reassurance", but what kind of status do they represent? How much do you understand the hazards around you, such as accidents, fires, infectious diseases, and disasters? In this lecture, you will learn the basic knowledge about safety and health that are the basis for everyone to live with peace of mind, regardless specialized fields. The lecture aims to provide you opportunities of how to correctly understand the crises and risks that come to us and how to wisely live in a broad society.

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ジェンダー学	Gender Studies	講義	Lecture	2	LASCL0310J, LASCL0310E	ジェンダーとはなにか、女らしさや男らしさとは何でしょうか。LGBT等の多様性を尊重し、包摂した社会にするには、どうすればよいでしょうか。授業では、性別によらず人が輝ける社会をつくるためのジェンダー平等の重要性を考えるとともに、ジェンダーの視点を通して政治、経済、教育、就活、婚活、少子化、子育てなどのさまざまな問題を考えます。本授業の目的は、1)ジェンダー研究の基本的な概念を理解すること、2)日本およびグローバル社会におけるさまざまなジェンダー問題について理解を深めること、3)多様な立場や側面から物事を捉え、ジェンダー平等を推進するための行動につなげることです。	What is gender? what is femininity and masculinity? How can we create a society that respects and includes diversity such as LGBTQ? Throughout the course, we will consider the importance of gender equality in order to create a society where people can shine regardless of their gender, as well as various issues such as politics, economics, education, job hunting, marriage, declining birthrates, and child rearing from gender perspectives. The goals of this course are 1) to introduce students to the basic concepts of gender studies, 2) to deepen students' understanding of a wide variety of gender issues in Japan and global society, 3) to encourage students to think from diversified standpoints and to take action to promote gender equality.
学問の面白さを知る	Invitation to the Advanced Researches	講義	Lecture	2	LASCL0311J	名古屋大学を代表する優れた研究者の講義をオムニバス形式で聴講することにより、学問の面白さや研究に対する心構えを知ることが目的としています。	The goal of this course is to understand the interest of learning and the attitude toward research, by listening to the omnibus lectures by outstanding researchers representing Nagoya University.
名古屋大学の歴史	History of Nagoya University	講義	Lecture	2	LASCL0312J	名古屋帝国大学の創立から83年、前身学校から数えれば151年におよぶ名古屋大学の歴史を、沿革、教育、研究、学生生活、人物など様々な面から知ってもらうことを第一の目的とします。それらを通じて、これから長く学ぶ場所となる名古屋大学への理解を深め、その学生としてのアイデンティティを自分なりに形成する一助とします。また、名古屋大学の歴史を通じて、明治維新後の高等教育史や名古屋を中心とする地域の歴史を学ぶこともねらいとします。	Nagoya University has a history of 83 years since the founding of Nagoya Imperial University and a history of 151 years since the establishment of its predecessor school. The primary objective of this class is to learn about the history of Nagoya University from various aspects, including its development, education, research, student life, and persons. Through this, we will help you to deepen your understanding of Nagoya University, where you will study for a long time, and help you to form your identity as the student there. Through the history of Nagoya University, you will be able to learn about the history of higher education in Japan and the history of the region centered on Nagoya.
防災減災学	Disaster Prevention and Mitigation	講義	Lecture	2	LASCL0313J, LASCL0313E	自然災害に対するリスクが様々な要因により増大し、社会の持続可能性にも影響を与えかねないと指摘されています。地球環境変化も考慮したハザード予測、現代社会が抱える脆弱性、災害を誘発する条件、災害がおきた際の柔軟な対応力(レジリンス)などを客観的に分析することが求められています。また、今後の防災・減災のポイントは様々な専門分野の知恵を総動員し、協働することにあります。次代を担う皆さん自身が今後の針路において、「なにをすべきか」「なにを学ぶべきか」を考えるきっかけを作ります。	It has been pointed out that the risk of natural disasters increases due to various factors and may affect the sustainability of society. It is required to objectively analyze hazard predictions that take into account changes in the global environment, vulnerabilities in modern society, conditions that induce disasters, and flexible response capabilities (resilience) in the event of a disaster. In addition, the point of disaster prevention and mitigation in the future is to mobilize and collaborate with the wisdom of various specialized fields. This lecture will give you an opportunity to think about "what to do" and "what to learn" in your future course.
博物館概論	Introduction to Museology	講義	Lecture	2	LASCL0314J	博物館に関する基礎的知識の習得を目的とします。本授業では、受講生が、博物館の目的・社会的役割・歴史・関連法規、学芸員の職務や職業倫理、多岐にわたる博物館活動(資料の収集管理、研究、展示普及など社会教育など)、内外の代表的博物館の設立理念と現状などについての基礎的な知識を獲得することを目指します。	The purpose of this course is to acquire basic knowledge about museums. The goal of this class is for students to acquire basic knowledge about the purpose, social role, history, and related laws of museums, the duties and professional ethics of curators, a wide range of museum activities (collection and management of materials, research, social education such as exhibition and dissemination, etc.), and the founding principles and current status of representative museums in Japan and overseas.
科学論・技術論	Science and Technology Studies	講義	Lecture	2	LASCL0315J	科学あるいは技術という営みはそもそもどんな方法と目的によって特徴づけられるのか、それが提供する科学知・技術知はどんな特質をもつのか、科学・技術と社会の良好な関係を構築するにはどうすればよいのか。こうした科学と技術についての原理的・根本的な問いに対して、哲学、科学技術社会論のアプローチにより答えることを目指します。	What is this thing called science or technology? What methods and goals characterize them? What characteristics does the knowledge they give us has? How could we construct good relationship between technoscience and our society? We aim to answer these fundamental questions applying philosophy of science/technology and STS (science, technology and society studies).

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科学史・技術史	History of Science and Technology	講義	Lecture	2	LASCL0316J	科学や技術がどういうものであるのかを深く理解し、その健全な発展の道筋を考えるためには、現在の科学技術の姿だけでなく、それらがいかなる社会的背景のもとでどのような経緯で成立してきたのかを知ることが重要な手がかりとなります。この科目では、そうした歴史的視点から、どのようにして近代科学技術が成立したのか、また、それらの成立後に、どのような発展があったのかといったトピックを概観します。	In order to obtain a deep understanding of what science and technology are and envisage the way of sound future development of them, we need to know not only what they are now but also how they have developed and what were the social background of their development. In this course, we will make a survey of how modern science and technology were born and how they have grown since then.
科学・技術の倫理	Sciences and Engineering Ethics	講義	Lecture	2	LASCL0317J	科学技術をめぐっては、原子力の問題、事故や安全性の問題、環境の問題、先端医療の問題などさまざまな倫理問題が生じています。この科目では、科学技術にたずさわる研究者・技術者はいかに行動するべきか、周囲の市民はいかに行動するべきか、さらには科学技術をめぐる政策や社会環境はどうあるべきかといった問題について理解を深めることを目的とします。	We are confronted with serious ethical problems concerning science and technology, namely, nuclear waste, technological accident and safety, global warming or state-of-the-art medical technology. This lecture aims to give you a better comprehension of problems, such as how scientists and engineers should behave, how citizens in techno-scientific society should act, and how we should make policy decisions concerning science and technology.
医療人類学	Medical Anthropology	講義	Lecture	2	LASCL0319J	医(medical practices and sciences)に関心をもつすべての学生へ向けた「医のための文化人類学」である本授業は、医とそれを支える文化・社会に関わる世界各地の多様な事例を文化人類学の視角から検討することを通じて、予測不可能な社会の変化に臆することなく、他者とともに生き抜くための知・技法としての文化人類学的センスを磨き、学術や診療のみならずその外側においても反映させることを目的としている。 ここでいう人類学的なセンスとは、「馴染み」から抜け出し異世界に身を晒すことを厭わない度胸、絶え間ない自己変容や生成変化していく他者・世界と向き合おうとする寛大さと、“面白がり”ながらそれら偶発性とつき合ってみる楽観性、自身が巻き込まれている世界において、その都度“正しい”問いを発することができる賢さ、他者との具体的なコミュニケーションや行為のただなかで自己や他者を認識する謙虚な「構え」、代替不可能な「個」のかけがえのなさを直視する聡明さをさす。	This lecture is “cultural anthropology for medical practices and sciences” calling for the students who concern medicine. It aims to hone cultural anthropological sensibility as wisdom and techniques for surviving with others and to reflect it in real life. In this class, we examine various cases from around the world related to medicine with cultural and social issues from the perspective of cultural anthropology. The anthropological sensibility here means the courage to break away from the familiar and expose oneself to the unknown world, the generosity to confront the constant transformation of self, others and the world. The optimism of dealing with these contingencies while having excitement, the wisdom to ask the “correct” questions each time in the world in which you are involved, a humble stance that recognizes itself and others performatively in the context of symmetrical and tangible communication with others, and the deep insight to face the irreplaceability and singularity of “individuals” that cannot be recovered by a system that can be replaced or compared.
地域医療フィールドワーク入門	Introduction to the Field Work Searching for the Community Based Medicine	講義及び演習	Lecture and Exercise	2	LASCL0320J	本授業は、“コミュニティ”なき時代の医療のローカルティ＝社会的文脈を、フィールドワークを通じて探求することを目的としている。 人、モノ、情報、資本、病原体、診療やコミュニケーションの手段・媒体が地理的・行政的な境界を超えて目まぐるしく流動する今日、地域医療は、どのようにとらえることができるだろうか？ 本授業では、地域・コミュニティという語が背負ってきた従来の意味をいったん手放し、既存の枠組みを越境していく人・モノ・情報・資本・コミュニケーションのフローやネットワークのなかにある人びとの日常実践に注目する。具体的には、「住所がない」人びとにとっての病いの経験とそれに対するケアをフィールドワークにもとづき丹念に記述することを通じて、上記問いに接近していく。これは、周縁から全体をまなざすという文化人類学的思考に特徴的なものでもある。この上で、病いの経験や診療を人びとの生活の場において捉え直し、それを広義の地域医療として構想することを目論む。	This lecture aims to explore the locality of medical practices in an era without community through anthropological fieldwork. Today, people, goods, information, capital, ways of medical practices and communication flow rapidly across geopolitical boundaries, it is necessary to reconsider the premises of community-based medicine based on geography and administrative divisions. In this class, we will let go of the traditional meanings of “region” and “community” in the stale meaning and focus on the everyday practices in the flow and the networking of people, things, information, capital, and communication. It can also include places that are based on communal “face to face” relationships that cannot be collected into the dualism of public/private. Based on this, we aim to localize the experience of illness and medical practices in the people’s living world, and to envision the locality of medical practices found there, i.e., the social context, as community-based medicine in the broad sense.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
医学と教養	Medicine and Liberal arts	講義	Lecture	2	LASCL0321J	生命科学を基盤とする医学は特に20世紀以降、飛躍的な発展を遂げ、現代を生きる医師や医療者に求められる医学知識も膨大なものとなっている。一方で今なお臨床現場は答えのない問いで溢れており、大量に暗記したはずの医学知識で対応できないことが、しばしば医師・医療者を疲弊させる。このような状況で求められるのが「適切な問いを立て、自らの頭で考える」力であり、その根幹をなす教養を身につけることを本授業では目指す。なお「医学は理系、医療は文系」という言葉に従って、主に文系領域の内容を取り上げるが、医学・医療とは接続させる。	Medicine, which is based on the life sciences, has made dramatic progress, especially since the 20th century, and the medical knowledge required of physicians and healthcare professionals living today is enormous. On the other hand, clinical practice is still filled with unanswered questions, and physicians and healthcare professionals are often exhausted by the inability to respond to these questions with the large amount of medical knowledge they have supposedly memorized. What is required under such circumstances is the ability to "ask appropriate questions and think with one's own mind," and this class aims to provide students with the liberal arts that forms the basis of such ability. In accordance with the phrase "medical science is science-based, and healthcare is art-based," we will focus mainly on art-related topics, but will connect them to medicine and healthcare.
社会課題解決とアントレプレナーシップ	Social Entrepreneurship	講義	Lecture	1	LASCL0322J	社会課題に焦点を当て、具体的なケースを取り上げながら、学際的かつグローバルに考察する。その上で、アントレプレナーシップによる行動が、どのように新価値を創造し、社会貢献に結び付くのか、分析を通じて学ぶ。	Focusing on social issues, this course will examine them in an interdisciplinary and global manner, taking up specific cases. Then, students will learn how the actions of entrepreneurs facing social issues create new value and contribute to society.
イノベーション基礎	Introduction to Innovation	講義	Lecture	1	LASCL0323J	社会がイノベーションによってどのように変わってきたかを理解する。その上で、学際的・総合的な視点から、自分の専門分野の知識やテクノロジーをどう活かし、どのように社会に影響を与えるかを検討する。これにより、未来の社会について深く考察する力を身につける。	In this course, students will understand how society has been changed by innovation. Then, from an interdisciplinary and comprehensive perspective, examine how to utilize knowledge and technology from your own field of expertise and how it can impact society. In this way, students will acquire the ability to deeply consider the society of the future.
シリアル・イノベーション	Serial Innovation	講義	Lecture	1	LASCL0324J	社会の大きな変容は、イノベーションが連続的に重なり合うことで生じてきた。こうしたイノベーションの前提となる課題発見と解決のための様々な方法を紹介する。その後、グループワークや議論を行うことで手法を理解・体験する。	Transformations in society have occurred through serial innovations. This course will introduce various methods for discovering and solving problems necessary for such serial innovations. Group work and discussion will be conducted to understand and experience such methods.
バイオテクノロジー	Biotechnology	講義	Lecture	2	LASCL0318E		This course is an introduction to Biotechnology, and is designed to provide the basic knowledge of biological processes that will be necessary in order to understand the scientific concepts behind the technologies. In order for students to appreciate the application of biotechnology in everyday life, practical examples of actual technology used in the industry will be presented and discussed in the lectures. Furthermore, this course will tackle the benefits and drawbacks of Biotechnology to humanity and the environment.
連携開設科目	Cooperative Subjects	-		-	LASCL0399J	連携大学の開講する特色ある授業科目の履修を通じて、幅広い内容の理解をすすめ、教養ある「勇気ある知識人」の資質を涵養する。	This course deepens students' understanding of a wide range of content and fosters the quality of well-educated "courageous intellectuals" through the distinctive courses offered by partner universities.

### 教養科目 / Liberal Arts Courses

#### 超学部セミナー / Problem/Project Based Learning Seminar

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
超学部セミナー	Problem/Project Based Learning Seminar	-		-	LASPB1901J, LASPB1901E	自らの目指す専門性が自覚された学部3~4年次において、異なる分野を学ぶ学生が学部・学年を超えたチームを組み、自主的に設定した課題の解決のためにみんなで考え力を合わせる主体的経験を共有します。これを通じ、リーダーシップとチームワーク、異分野への開かれた態度、多様な人々の協調による課題解決能力を身につけることを目的とします。	This course is designed for third or fourth year students who start an experience in a specified field. The participants will be required to form a mixed team which contains students having different backgrounds. And each team will set the problem to tackle and try to solve it by working together. Through this active and cooperative experience, the participants are expected to obtain leadership, a spirit of teamwork, open-mindedness and ability to solve problems collectively.

## 分野別基礎科目 / Basic Courses for Specialized Fields

## 人文・社会系基礎科目 / Basic Courses in Humanities and Social Sciences

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
哲学	Philosophy	講義	Lecture	2	LASBH0900J	哲学という学問は現代の諸学問のルーツであって、その本義は「知恵を愛すること」である。知恵を愛するとは、もの知りを目指すのではなく、ものごとの究極の原因や原理を学問的に探求することである。哲学の目的は、人間や世界について深く知ることを通して、人がよりよい生を営むことにあります。内容的には、こころ、認識、ことば、論理、存在、社会、生命、自然、環境、科学の基礎、倫理、宗教、神などの問題群があります。	The study of philosophy is the root of modern studies, and its true meaning is "Love of Wisdom." Loving wisdom is not to aim for just knowing, but to seek the ultimate cause and principle of things academically. The purpose of philosophy is for people to live a better life through a deeper understanding of humans and world. As the contents, there are problem groups such as mind, cognition, language, logic, existence, society, life, nature, environment, basics of science, ethics, religion, and God, etc.
歴史学	History	講義	Lecture	2	LASBH0901J, LASBH0901E	単に過去の出来事を叙述するのが歴史学ではありません。たしかに歴史学は史料(おもに文献史料)を材料とし、厳密な史料批判や考証を行うことによって人類の過去の足跡、人間という存在の多様性を明らかにしようとしています。しかし、同時にそれを通じて自分の生きている時代と世界を相対化し、客観的に見る習慣を身につけることも歴史研究の大きな目的の一つです。その意味で歴史学は激動の現代に生きる人間に必須の教養といえるでしょう。	Study of history is beyond just describing past events. It is true that history has been studied using historical records (mainly historical documents) as materials, and we have tried to clarify the past footprints of mankind and the diversity of the existence of human beings by conducting rigorous criticisms and examinations of historical records. At the same time, it is also one of the most important goals to study history to get into the habit of relativizing the times and the world in which we live and looking objectively through it. In this meaning, study of history is an essential education for us who survive this turbulent modern times.
文学	Literature	講義	Lecture	2	LASBH0902J, LASBH0902E	洋の東西を問わず、文学は虚構の世界の出来事や作中人物の言動を通して、人生の本質にかかわる問題や社会の問題を極めてリアルに読者の感性に直接訴えて感動を呼び起こします。読者は共感したり、時に反発したりしながら、過去の人と社会について学び、現在について考え、未来を見通そうとします。教科書掲載作品を中心とし表現の正確な読み取りを重視する高校までと異なり、大学の授業においては様々な文学作品を取り上げ、多様な読解の仕方を学びながら、作品のより深い理解を目指します。	Literature, most often dealing with the real problems of life or society through the description of fictitious characters or events, directly appeals to the mind of readers and inspires strong emotions. It so motivates us to learn about the past, think about the present and see into the future. This course of literature, unlike those in schools where the importance is given to the correct reading of the authorized materials of the textbooks, sees wider range of literary works and offers varied methods of reading, and above all aims at deeper understanding of them.
地理学	Geography	講義	Lecture	2	LASBH0903J	グローバル化がすすむ今日、地球上には未知の土地はもうほとんどのこっていません。しかし、この多様な世界は、ますます複雑に発展し、これをどう認識するかは私たち人類の大きな課題となっています。本講義では、身近な場所に対する複雑な感情からグローバルに展開する環境問題まで、地球上の様々な現象を空間・場所・地域・環境といった概念を鍵に、体系的に考察します。	This course provides the comprehensive considerations about a variety of geographical issues including environmental problems and socio-economic globalization based on the concepts and theories of space, place, region, and environment for the attending students to understand the increasingly complicated and diversified contemporary world.
社会学	Sociology	講義	Lecture	2	LASBH0904J	グローバル化などの大きな社会変動のなかで、現代社会はますます不透明になっています。さらに、文系理系を問わず、個別の学問的研究を行うことの社会的な意味を理解するためにも、社会学的な考え方を身につける必要が高まっています。この講義では、変動する社会と個人の関わりを捉える方法の修得を目的とし、身近な社会現象などを素材として適宜取り上げながら社会学の理論と実証的知見を紹介することで、受講者の皆さんが社会について自ら考える手がかりとします。	Globalization and other major social changes make contemporary society increasingly opaque. In addition, there is a growing need to acquire sociological perspectives to understand the social implications of doing academic research, regardless of humanities or sciences. In this lecture, we will introduce theories and empirical findings of sociology while taking up familiar social phenomena to help students to think about society for themselves.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
心理学	Psychology	講義	Lecture	2	LASBH0905J	心理学で扱われる問題は多岐にわたり、見ること・感じること・学ぶことといった基礎的な問題から、人間の発達や対人関係、集団や文化、そして心の問題に至るまで、さまざまな心理現象が研究対象とされます。本授業科目では、こころの世界の法則性を追求し、人間の心理や行動についての理解を深めることを目指します。	Psychology is the science of the human mind, and covers a wide range of issues, from basics such as perception, feeling, and learning, to applications into such matters as human development, interpersonal relationships, groups, cultures, and psychological problems. In this course, we aim to pursue the laws of our mental world, and deepen our understanding of human cognition, emotion and behavior.
比較文化論	Comparative Studies of Cultures	講義	Lecture	2	LASBH0906J, LASBH0906E	今日の世界では、文化的背景の相違に根ざした対立や紛争が深刻化しつつあります。このような世界に暮らす私たちには、まず文化の多様性を承認しようとする姿勢が必要です。しかしながら、一方で文化の多様性を強調するあまり、異文化をあたかも別世界の人々の話として「他者化」することは、人間としての共感を失わせ、結果的に異文化に対する無理解や無関心につながる恐れもあります。そこで本科目では、文化を相互に比較する作業をつうじて、文化の多様性だけでなく、それらにみられる共通点にも注目し、人間と文化に関する普遍的な知見と視野を学ぶことを目的とします。	In today's world, conflicts and disputes based on differences in cultural backgrounds are becoming more and more serious. Living in such a world, we need to be willing to recognize the diversity of cultures. However, if we emphasize cultural diversity too much and "otherize" other cultures as if they were the stories of people in another world, we may lose our empathy as human beings, which may ultimately lead to a lack of understanding and indifference toward other cultures. The purpose of this course is to learn universal knowledge and perspectives on human beings and culture by focusing on not only the diversity of cultures but also the commonalities among them through the process of comparing them with each other.
宗教学・文化人類学	Religion in Culture	講義	Lecture	2	LASBH0907J	宗教は歴史の最初期から文化変容の大きな動因となってきました。そして、宗教対立・紛争、宗教原理主義といった問題を通じて、現在でもわれわれの文化と社会の大きな規定要因となっています。宗教という信念体系を人類の文化全体の中に置いて、その歴史的役割と現代的課題を明らかにすることを通じて、人間が世界を捉え、意味づけていく枠組みとしての宗教に対して、冷静で客観的な視点をとることができるようになることを目指します。	Religion has been a main cause of cultural changes since the beginning of the human history. And it is continuing to be a determining factor of our societies and cultures through such problems as religious conflicts or religious fundamentalism. This lecture aims to provide students with cool-headed and objective standpoint for religions as a framework within which human beings capture and interpret the world they live in.
アーカイブズ学	Archival Science	講義	Lecture	2	LASBH0908J	私たちは、歴史的な文書を確実に後世に残して、将来の社会や人々に対する説明責任を果たすという、日本がおろそかにしてきた問題と、正面から向き合おうべき時代に生きています。アーカイブズ学とは、アーカイブズ(記録史料)の管理、成立・構造・伝来、教育・普及などに関する研究から構成されており、歴史学、社会学、情報学など既存の学問分野と連携しつつ、独自の領域をもつものです。このアーカイブズ学の基礎を学ぶことにより、社会における文書史料の利用方法や、行政機関や企業における情報公開・文書資料閲覧のサービス部門や文書管理部門の業務に役立つ知識を修得することを目的とします。	We live in a time when we must face the issue that Japan has been neglecting: the need to ensure that historical documents are preserved for future generations and that they are accountable to future society and people. Archival science consists of research on the management, establishment, structure, transmission, education, and dissemination of archives (recorded historical materials), and has its own unique field of study while collaborating with existing academic fields such as history, sociology, and informatics. By learning the basics of archival science, students our goal is to understand how to use documents and archives in society, and to acquire knowledge useful for the work of service departments and document management departments that provide document disclosure and material browsing services in government agencies and companies.
教育学	Education	講義	Lecture	2	LASBH0909J	社会的存在である人間の、誕生から死に至る諸相を捉え、そのありようや形成に関わる諸原理とその関連構造について学び、教育とは何かについて考えることを目的とします。現代の教育問題を検討しようとする者、有効な打開策を考えようとする者はもちろん、人間について深い洞察を得ようとする者に、基礎的な手がかりを与えるものです。教育の歴史・哲学・制度・方法などの入門的知見が展開されます。	The goal of this course is to understand the various aspects of social human beings from birth to death, then to learn the principles of human formation and their relevance, and finally, to think about what education is. This class offers the clews for the basic analytical methods such as how to examine modern educational problems, how to solve problems, how to deepen the insights into human beings. In sum, this course offers introductory insights into the history, philosophy, and institutions of education and teaching methods.

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比較教育論	Comparative Education	講義	Lecture	2	LASBH0910J	各国の教育制度の特質や人間形成のあり方、また各国が抱える共通の教育問題を比較考察することにより、グローバルな視点から教育現象を考察することを目的とします。具体的には、各国の教育改革の動向や固有の教育問題、宗教と教育、開発教育や基礎教育の普及の問題など、テーマに沿っていくつかの国・地域を取り上げます。これらの考察により、日本を含む各国の教育を様々な視点から分析し、多面的に考える視点を提供します。	The goal of this course is to examine educational phenomena from a global perspective by comparing and examining the characteristics of each country's educational system, the nature of human development, and the common educational problems faced by each country. Specifically, we will focus on a number of countries and regions according to themes such as trends in educational reform in each country, unique educational matters, relation between religion and education, and issues of development education and the spread of basic education. Through these examinations, we will analyze education in each country from a variety of perspectives and provide viewpoints for thinking from multiple perspectives.
高等教育学	Study of Higher Education	講義	Lecture	2	LASBH0911J	私たちが身を置いている「大学」は高等教育制度の中核を成しています。しかし、そもそも大学とは何だろう。大学の在り方や社会的な役割、そして高等教育はどうあるべきなのか、変わりゆく社会に大学はどのように対峙し質を担保するのでしょうか。こうした問いを学問的に考察する営みが高等教育学です。本授業での学びを通じて、学生がより広い視野から大学や高等教育を相対化して眺めるようになることが本授業の目的です。	University where we belong now is the core of higher education. There are questions to explore its meaning and indication, the significance of its existence, and the role that universities have to fulfill in the society. Universities must deal with the ever-changing society and assure the quality. The study of higher education is a way of pursuing these questions academically. The goal of this course is to enable students to broaden their perspective in university and higher education.
日本国憲法	Constitution of Japan	講義	Lecture	2	LASBH0912J	人文・社会科学系の専門分野を学んでいく基盤として、憲法学の分野における学問体系を理解し、最も基礎的な知識と技能を身につけます。具体的に扱うテーマは、担当教員の専門分野や関心に応じて設定されます。	This course helps students to understand the constitutional studies and to acquire the most basic knowledge and skills as a foundation for studying specialized fields in the humanities and social sciences. The specific topics to be dealt with will be determined according to the specialties and interests of the instructor.
法学	Law	講義	Lecture	2	LASBH0913J	人文・社会科学系の専門分野を学んでいく基盤として、法学の分野における学問体系を理解し、最も基礎的な知識と技能を身につけます。具体的に扱うテーマは、担当教員の専門分野や関心に応じて設定されます。	This course helps students to understand the law studies and to acquire the most basic knowledge and skills as a foundation for studying specialized fields in the humanities and social sciences. The specific topics to be dealt with will be determined according to the specialties and interests of the instructor.
政治学	Political Studies	講義	Lecture	2	LASBH0914J, LASBH0914E	人文・社会科学系の専門分野を学んでいく基盤として、政治学の分野における学問体系を理解し、最も基礎的な知識と技能を身につけます。具体的に扱うテーマは、担当教員の専門分野や関心に応じて設定されます。	This course helps students to understand the political science studies and to acquire the most basic knowledge and skills as a foundation for studying specialized fields in the humanities and social sciences. The specific topics to be dealt with will be determined according to the specialties and interests of the instructor.
経済学	Economics	講義	Lecture	2	LASBH0915J, LASBH0915E	経済学を初めて学ぶ受講生を対象として、経済学の基礎を講義します。現実の経済活動は多種多様であり、経済の動きは複雑ですが、経済学はそれらを抽象化し理論化することで、さまざまな経済問題の根源を明らかにし、また経済の全体像を包括的に理解しようとしてきました。本講義は、経済理論、経済史、経済思想の立場から、経済学の基盤となる論理を受講生に理解させることを主たる目的とします。	This course is intended for students without prior knowledge in economics. Economic activities are diverse and the economic dynamics are complicated. Economists have developed abstract theories to extract the essence of economic issues and understand the behavior of the economy as a whole. This course is taught by instructors in one of the following fields: economic theory, economic history and economic thought, and students will learn the basics of the field of the instructor's specializations.



授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
経営・会計	Management and Accounting	講義	Lecture	2	LASBH0916J, LASBH0916E	経済活動の重要な担い手の一つである企業活動を対象とするものとします。実際の企業活動は、非常に多種多様で複雑であり、それをそのまま記述した場合、当該企業に関する個別的な知識は増大するが、その全体像を包括的に理解することは困難です。そこで、本講義は、具体的な事例を参考にしながらも、企業活動の基盤となる論理を、経営学あるいは会計学の立場から、受講生に理解させることを主たる目的とします。	In this course, we will focus on corporate activities, which are one of the important players in economic activities. Actual corporate activities are very diverse and complex, and if we describe them as they are, it is difficult to comprehensively understand the whole picture, although individual knowledge about the companies in question will increase. Therefore, the main objective of this lecture is to provide students with an understanding of the logic underlying corporate activities from the standpoint of business administration or accounting, while referring to specific cases.
統計学	Statistics	講義	Lecture	2	LASBH0917J	統計学または統計的手法は、社会科学、自然科学などの多くの分野で、様々な形で利用されています。本講義の目的は、母数の推定、統計的仮説検定などの基礎理論を解説することです。統計学の学習には、確率論の初歩理論の理解が欠かせないので、確率分布、大数の法則、中心極限定理など確率論の基礎に関して講義します。さらに母集団と標本、標本分布など統計学の用語を講義し、本題の推測統計学の基礎を解説します。適宜、演習を行います。	Statistics or statistical methods are used in many fields of social sciences and natural sciences. The goal of this course is to explain the basic theory of statistics, including parameter estimation and hypothesis testing. In learning statistics, some understanding of probability theory is essential. The course starts with lecturing about the fundamentals of probability theory such as probability distributions, the law of large numbers, and the central limit theorem. Students should learn population, sample, and sample distribution before building up a basic knowledge of statistical inference. Exercises will be provided in case of necessity.
研究方法論	Academic Writing	講義	Lecture	2	LASBH0918E		The primary goal of this course is to equip students with the necessary skills to complete their undergraduate education and prepare for more advanced levels of writing. The class introduces students to the craft of academic writing. Students will learn about choosing appropriate research topics, developing their arguments, using sources, structuring essays and paragraphs within them, engaging in proper citation and capturing reader interest among others. These can be applied both to writing essays for classes and for use in an undergraduate thesis.

## 分野別基礎科目 / Basic Courses for Specialized Fields

## 自然系基礎科目 / Basic Courses in Natural Sciences

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
微分積分学I	Calculus I	講義	Lecture	2	LASBN0900J, LASBN0900E	定量的変化を記述・分析する数学の分野が解析学であり、その中心的方法は微分積分学です。それは自然科学において必須の研究手法であるが、さらに近年社会科学などにも広く応用されます。本科目は通年講義の前半として、1変数微分積分学の基本を理解することを目的とします。特に極限の本質を理解し、対数関数・三角関数など初等関数の自由な解析的扱いができるようになることを重視します。	The field of mathematics that describes and analyzes quantitative changes is analysis, and its central method is calculus. It is an essential research method in the natural sciences, but in recent years it has been widely applied to the social sciences. The goal of this course is to understand the basics of one-variable differentiation and integration as the first half of the year-round lecture. In particular, it is important to understand the essence of the limit and to be able to handle elementary functions such as logarithmic functions and trigonometric functions freely.
微分積分学II	Calculus II	講義	Lecture	2	LASBN0901J, LASBN0901E	定量的変化を記述・分析する数学の分野が解析学であり、その中心的方法は微分積分学です。それは自然科学、さらに近年社会科学などにも広く応用される重要な研究手法です。本科目は通年講義の後半として、多変数微分積分学の基本を理解し、様々な計算に習熟して応用できるようになることを目的とします。特に幾何学(空間的)イメージと結び付いた理解を重視します。	The field of mathematics that describes and analyzes quantitative changes is analysis, and its central method is calculus. It is an important research method that is widely applied to the natural sciences and, in recent years, the social sciences. The goal of this course is to understand the basics of multivariable calculus and to become familiar with and apply it to various calculations in the latter half of the year-round lecture. In particular, we emphasize understanding associated with geometric and spatial images.
線形代数学I	Linear Algebra I	講義	Lecture	2	LASBN0902J, LASBN0902E	「線形性」は近代科学における数量的取り扱いの最も基本的な概念であり、あらゆる分野で用いられます。その線形性を数学的に扱う手法が線形代数学です。本科目は通年講義の前半として、行列・(数)ベクトルの数学的取り扱いに習熟し、諸概念を理解することを目的とします。特に座標幾何学(平面・立体)による幾何学的理解、連立一次方程式の解法への習熟、行列式の概念の理解を重視します。	"Linearity" is the most basic concept of quantitative treatment in modern science and is used in all fields. Linear algebra is a method of mathematically dealing with the linearity. The goal of this course is to familiarize yourself with the mathematical treatment of matrices and vectors and to understand various concepts as the first half of the year-round lecture. In particular, we emphasize geometric understanding by coordinate geometry (plane / solid), familiarity with solving simultaneous linear equations, and understanding of the concept of determinants.
線形代数学II	Linear Algebra II	講義	Lecture	2	LASBN0903J, LASBN0903E	「線形性」は近代科学における数量的取り扱いの最も基本的な概念であり、あらゆる分野で用いられます。その線形性を数学的に扱う手法が線形代数学です。本科目は通年講義の後半として、ベクトル空間とその線形変換の概念の理解および行列を用いた数学的取り扱いへの習熟を目的とします。特に基底、標準化、直交性、固有値などの基本的諸概念の理解・扱いの習熟を重視します。	"Linearity" is the most basic concept of quantitative treatment in modern science and is used in all fields. Linear algebra is a method of mathematically dealing with the linearity. The goal of this course is to understand the concept of vector space and its linear transformation and to familiarize yourself with mathematical treatment using matrices as the latter half of the year-round lecture. In particular, we emphasize understanding and handling of basic concepts such as basis, standardization, orthogonality, and eigenvalues.
複素関数論	Complex Analysis	講義	Lecture	2	LASBN1900J, LASBN1900E	複素関数は、自然科学の様々な箇所に現れ、基本的役割を果たすとともに幅広い応用を持っています。特にその微分積分学は、実数のそれと全く異なった美しく統一的世界を形作っています。本科目はこうした複素関数の微分積分学の基礎、特に複素解析関数の基本的性質を学び、応用上重要な、その様々の取り扱いに習熟することを目的とします。特にべき級数及び複素積分の取り扱いを重視します。	Complex functions appear in various parts of the natural sciences, play a fundamental role and have a wide range of applications. In particular, its calculus forms a beautiful and unified world that is completely different from that of real numbers. The goal of this course is to learn the basics of differentiation and integration of such complex functions, especially the basic properties of complex analytic functions, and to become familiar with their various treatments, which are important for applications. Special emphasis is placed on the handling of power series and complex integrations.
数学通論I	College Mathematics I	講義	Lecture	2	LASBN0904J	数学は近代科学の言語および手法として不可欠のものとなっています。中でも最も基本となっているのは微分積分学と線形代数学です。本科目は微分積分学の基礎理解をその目的とします。特に対数関数・三角関数など初等関数を理解し、自由な解析的扱いができるようになることを重視します。高校数学との接続を考慮し、直感的見方の紹介、確率や統計学などへの応用の言及などにより理解を容易にします。	Mathematics has become an integral part of the language and method of modern science. The most basic of these are calculus and linear algebra. The goal of this course is to understand the basics of calculus. In particular, it is important to understand elementary functions such as logarithmic functions and trigonometric functions so that they can be treated freely and analytically. Considering the connection with high school mathematics, it will be easier to understand by introducing intuitive viewpoints. We also mention applications in probabilities, statistics and related topics.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
数学通論II	College Mathematics II	講義	Lecture	2	LASBN0905J	数学は近代科学の言語および手法として不可欠のものとなっています。中でも最も基本となっているのは微分積分学と線形代数学です。本科目は線形代数学の基礎理解をその目的とします。特に座標幾何学, 行列の取り扱い, 連立一次方程式の解法などに習熟します。ここで幾何学(空間)的イメージと結び付いた理解, 代数や微分方程式論・統計などとの関連などを重視します。	Mathematics has become an integral part of the language and method of modern science. The most basic of these are calculus and linear algebra. The goal of this course is to understand the basics of linear algebra. In particular, you will be familiar with coordinate geometry, handling matrices, and solving simultaneous linear equations. Here, we emphasize understanding associated with geometric and spatial images and the relationship with algebraic and differential equation theories and statistics.
リメディアル数学	Remedial Mathematics	講義	Lecture	2	LASBN0906E		The field of mathematics that describes and analyzes quantitative changes is analysis, and its central method is calculus. It is an essential research method in natural sciences, but in recent years it has also been widely applied to social sciences. This course is a companion course to Calculus I. Its goal is to provide additional support to students with little or no precalculus knowledge.
力学I	Foundations of Mechanics I	講義	Lecture	2	LASBN0910J	現代科学技術における重要な基礎分野の一つである古典力学の基礎を, 慣性系における1個の質点の運動を例にとりて講義します。力, 質量, 運動量, 仕事, エネルギー, 保存則, 運動方程式, 次元解析などの物理的概念に加え, 座標系, ベクトル, ベクトル演算などの数学的概念を説明します。このことにより, 力学の基本概念と手法について理解を深めるとともに, 理工系分野を学ぶための基礎学力を養うことを目指します。この科目は, 力学を直接必要としない分野の学生にとっても自然科学を学ぶための重要な基礎となります。	This course introduces the fundamentals of classical mechanics, one of the important fundamental fields in modern science and technology, using the motion of a single point mass in an inertial frame as an example. In addition to physical concepts such as force, mass, momentum, work, energy, conservation laws, equations of motion, and dimensional analysis, mathematical concepts such as coordinate systems, vectors, and vector operations are explained. By doing so, the course aims to deepen students' understanding of the basic concepts and methods of mechanics and to develop basic academic skills for studying science and engineering fields. This course provides an important foundation for the study of natural science even for students in fields that do not directly require mechanics.
力学II	Foundations of Mechanics II	講義	Lecture	2	LASBN0911J	力学Iの内容を発展させ, 複数の質点の相対運動や非慣性系での質点の運動, 剛体の運動を取り扱います。力のモーメント, 慣性モーメント, 角運動量, 重心と相対運動, 慣性力などの概念を説明します。このことにより, 力学の基本概念と手法について理解を深めるとともに, 理工系分野を学ぶための基礎学力を養うことを目指します。この科目は, 力学を直接必要としない分野の学生にとっても自然科学を学ぶための重要な基礎となります。	This course expands on the content of Mechanics I, dealing with relative motion of multiple point masses, motion of point masses in non-inertial frames, and motion of rigid bodies. Concepts such as moment of force, moment of inertia, angular momentum, center of mass and relative motion, and fictitious force will be explained. By doing so, the course aims to deepen students' understanding of the basic concepts and methods of mechanics and to develop basic academic skills for studying science and engineering fields. This course provides an important foundation for the study of natural science even for students in fields that do not directly require mechanics.
電磁気学I	Foundations of Electromagnetism I	講義	Lecture	2	LASBN0912J	電磁気学は, 現代科学技術における重要な基礎分野の一つです。本講義では, 時間とともに変化することのない静的な電磁場(電磁界)を主に取り扱います。遠隔作用の法則(クーロンの法則やビオ・サバールの法則)と近接作用の法則(ガウスの法則やアンペールの法則)との関係について解説するとともに, 静電ポテンシャル, 電気力線などの物理的概念や, ベクトル解析などの数学的手法を説明します。このことにより, 電磁気学の基本概念と手法について理解を深めるとともに, 理工系分野を学ぶ基礎学力を養うことを目指します。この科目は, 電磁気学を直接必要としない分野の学生にとっても自然科学を学ぶための重要な基礎となります。	Electromagnetism is one of the most important fundamental fields in modern science and technology. In this lecture, we will mainly focus on static electromagnetic fields that do not change with time. The relationship between action at a distance (Coulomb's law and Biot-Savart law) and the principle of locality (Gauss's law and Ampere's law) will be explained, as well as physical concepts such as electrostatic potential and lines of electric force, and mathematical methods such as vector analysis. This course aims to deepen students' understanding of the basic concepts and methods of electromagnetism, and to develop basic academic skills for studying science and engineering fields. This course provides an important foundation for the study of natural science even for students in fields that do not directly require electromagnetism.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
電磁気学II	Foundations of Electromagnetism II	講義	Lecture	2	LASBN0913J	電磁気学Iの内容を発展させ、時間とともに変化する電磁場(電磁界)を取り扱います。起電力、電磁誘導、変位電流、電磁場(電磁界)のエネルギーなどの概念に加え、交流回路におけるオームの法則、キルヒホッフの法則、複素インピーダンスなどの概念を説明します。このことによって、電磁気学の基本概念と手法について理解を深めるとともに、理工系分野を学ぶ基礎学力を養うことを目指します。この科目は、電磁気学を直接必要としない分野の学生にとっても自然科学を学ぶための重要な基礎となります。	This course expands on Electromagnetism I and deals with electromagnetic fields that change with time. In addition to concepts such as electromotive force, electromagnetic induction, displacement current, and energy of electromagnetic field, concepts such as Ohm's law, Kirchhoff's law, and complex impedance in AC circuits are explained. This course aims to deepen students' understanding of the basic concepts and methods of electromagnetism, and to develop basic academic skills for studying science and engineering fields. This course provides an important foundation even for students in fields that do not directly require electromagnetism.
物理学基礎I	Fundamentals of Physics I	講義	Lecture	2	LASBN0914J, LASBN0914E	物理学を学ぶ上で最も基本となる力学の講義であり、初年度の理系学部学生(力学Iを履修する学生を除く)を対象として開講される授業です。力、仕事、運動量、角運動量、エネルギー、保存則などの諸概念を講義し、自然界におけるさまざまな現象が運動方程式という基本法則によって理解されることを説明します。また、力学を理論的に記述するために用いられる座標系、ベクトル、ベクトル演算、微分・積分、微分方程式など数学的方法についても修得します。	This is a lecture on mechanics, which is the most fundamental subject in learning in physics, and is offered to undergraduate students in their first year (excluding students who take Mechanics I). The lecture covers various concepts such as force, work, momentum, angular momentum, energy, and conservation laws, and explains that various phenomena in nature can be understood by the basic laws that take the form of equations of motion. Students will also learn mathematical methods used to theoretically describe dynamics, such as coordinate systems, vectors, vector operations, differential and integral calculus, and differential equations.
物理学基礎II	Fundamentals of Physics II	講義	Lecture	2	LASBN0915J, LASBN0915E	力学とともに古典物理学の重要な基礎となっている電磁気学の講義であり、初年度の理系学部学生(電磁気学Iを履修する学生を除く)を対象として開講される授業です。電磁気学では、日常生活から先端技術開発に至るまで広く応用されている電気・磁気の現象やその法則を知り、さらに場の概念の導入によってこれらの現象から体系的な電磁気学の法則に帰納していく過程を学びます。	This is a lecture on electromagnetism, which is an important basis of classical physics along with mechanics, and is offered to undergraduate students in their first year (excluding students who take Electromagnetism I). In electromagnetism, students learn about the phenomena and laws of electricity and magnetism, which are widely applied from daily life to the development of advanced technology, and learn the process of deducing from these phenomena the systematic laws of electromagnetism by introducing the concept of fields.
物理学基礎III	Fundamentals of Physics III	講義	Lecture	2	LASBN0916E		This is a lecture on electromagnetism, which is an important basis of classical physics along with mechanics, and is offered to undergraduate students in their first year. In electromagnetism, students learn about the phenomena and laws of electricity and magnetism, which are widely applied from daily life to the development of advanced technology, and learn the process of deducing from these phenomena the systematic laws of electromagnetism by introducing the concept of fields.
物理学実験	Laboratory in Physics	実験	Experiments	2	LASBN0917J, LASBN0917E	実験科学としての物理学を体得することを目的とした実験の授業で、物理学基礎、力学、電磁気学の講義とともに、理系学部学生を対象として開講されます。授業では、学生自らさまざまな物理量を測定したり、物理現象を観察することを通して、その背景にある法則を理解し、基本的な測定の方法と原理、実験の技術などの基本を習得することを目的とします。さらに、演習によって、測定データの記録と処理、表現の方法についても学びます。	This is a course of physics laboratory experiments, aimed at learning physics as an experimental science. It is offered together with lecture courses such as Fundamentals of Physics, Mechanics, and Electromagnetism. In this class, students are to understand fundamental laws behind physical phenomena, to learn foundations of basic methods and principles of measurements, and also to acquire fundamental techniques of experiments. Students will also learn how to record, to analyze, and to present experimental data in a laboratory format through exercises.

授業科目名	Course Title	授業の方法	Class Form	単位 Credits	コース・ナンバリング Course Numbering	授業の目的	Course Goals
化学基礎I	Fundamentals of Chemistry I	講義	Lecture	2	LASBN0920J, LASBN0920E	化学は物質とその変化を扱う学問領域であり、広く理系分野の基礎となります。その対象は、原子から、様々な分子、高分子、固体、液体、さらに生体に存在する物質や地球環境に存在する物質、また、宇宙を形成している物質にまで及びます。私達は、様々な物質に囲まれ、これらを活用して生活を営んでいるので、物質とその振る舞いについての理解は重要です。化学基礎I、IIは、通年で連続して受講することにより、原子、分子などの物質の基本的単位がどのように組み立てられるかをはじめとして、様々な物質の構造とそのはたらき、物質へのエネルギーの出入り、化学反応の進み方、さらには生命現象や生活と物質とのかわりなど、化学の基本的事項と魅力を体系的に学ぶよう計画されています。	Chemistry is a discipline that deals with substances and their changes, and is the basis of a wide range of science fields. The targets range from atoms to various molecules, macromolecules, solids, liquids, substances existing in living organisms and global environment, and also forming the universe. We are surrounded by various substances, so it is important to understand substances and their behavior. Fundamentals of Chemistry I and II designed to be taken consecutively throughout the year, include how the basic units of substances such as atoms and molecules are assembled, and also deal with the structures and functions of various substances. It is planned to systematically learn the basics and attractiveness of chemistry, such as the inflow and outflow of energy, the progress of chemical reactions, and the relationship between life phenomena and substances.
化学基礎II	Fundamentals of Chemistry II	講義	Lecture	2	LASBN0921J, LASBN0921E	化学は物質とその変化を扱う学問領域であり、広く理系分野の基礎となります。その対象は、原子から、様々な分子、高分子、固体、液体、さらに生体に存在する物質や地球環境に存在する物質、また、宇宙を形成している物質にまで及びます。私達は、様々な物質に囲まれ、これらを活用して生活を営んでいるので、物質とその振る舞いについての理解は重要です。化学基礎I、IIは、通年で連続して受講することにより、原子、分子などの物質の基本的単位がどのように組み立てられるかをはじめとして、様々な物質の構造とそのはたらき、物質へのエネルギーの出入り、化学反応の進み方、さらには生命現象や生活と物質とのかわりなど、化学の基本的事項と魅力を体系的に学ぶよう計画されています。	Chemistry is a discipline that deals with substances and their changes, and is the basis of a wide range of science fields. The targets range from atoms to various molecules, macromolecules, solids, liquids, substances existing in living organisms and global environment, and also forming the universe. We are surrounded by various substances, so it is important to understand substances and their behavior. Fundamentals of Chemistry I and II designed to be taken consecutively throughout the year, include how the basic units of substances such as atoms and molecules are assembled, and also deal with the structures and functions of various substances. It is planned to systematically learn the basics and attractiveness of chemistry, such as the inflow and outflow of energy, the progress of chemical reactions, and the relationship between life phenomena and substances.
化学実験	Laboratory in Chemistry	実験	Experiments	2	LASBN0922J, LASBN0922E	化学への理解と興味は、講義を聴いて知識を得るのみではなく、自らが実験を行い自分の目や鼻などを通じて実際に得られた知見を通じて深められます。この科目では、原子分子の成り立ち、化学分析、化合物の合成、反応解析など、化学の様々な分野における課題を対象とした実験と演習を行うことにより、講義で述べられた範囲を補い化学への理解を深めます。さらに、これらの実験操作を通じて、物質を安全に取り扱うための基本的な注意事項、各種化学薬品・器具・機器の操作法などを修得します。また、実験レポートの作成を通じて、分かりやすく簡潔に実験内容をまとめる手法を学び、実験結果について考察することにより物質科学に関する知識や論理的な思考力を養います。	Understanding and interest in chemistry will be deepened not only by lectures but also by the knowledge and experiences obtained through conducting experiments by oneself. In this class, you will deepen your understanding of chemistry by conducting experiments and exercises targeting issues in the fields of chemistry such as the formation of atoms and molecules, chemical analysis, compound synthesis, and reaction analysis. In addition, through these experiments, you will learn basic precautions for safe handling of substances, and the operation of various chemicals, instruments and equipment. Through the report writing, you will also learn the way to summarize your experiments clearly and concisely, and develop your knowledge on material sciences and logical thinking ability.
生物学基礎I	Fundamentals of Biology I	講義	Lecture	2	LASBN0930J, LASBN0930E	細胞は、生物体を構成する基本単位であると同時に、自己増殖を可能とする最小単位でもあります。本講義では、細胞ならびに細胞を構成する細胞小器官の構造と機能を学ぶことにより、生命現象の基本的な仕組みについての理解を深めることを目的とします。また、生命を支える核酸やたんぱく質、脂質、多糖類などの生体高分子、エネルギー、ならびに代謝などについても理解を深めます。本講義より、生物学基礎IIの講義の学修に必要な生物学の基礎知識を身につけます。	Cells are not only the basic unit of living organisms, but also the smallest unit capable of self-renewal. In this course, we aim to deepen our understanding of the basic mechanisms of biological phenomena by studying the structure and functions of cells and their organelles. Students will also deepen their understanding of biopolymers such as nucleic acids, proteins, lipids, and polysaccharides, energy, and metabolism that support life. From this lecture, students will acquire the basic knowledge of biology necessary for the study of Basic Biology II.
生物学基礎II	Fundamentals of Biology II	講義	Lecture	2	LASBN0931J, LASBN0931E	動物や植物は、分化した細胞で組織や器官を構成し、それを統合することによって、単一の細胞では発揮できない様々な高次の生物機能を発揮します。本講義では、生物学基礎Iで学修した生物学の基礎知識に基づき、動物や植物における個体レベルの高次生物機能の意義と仕組みについての理解を深めることを目的とします。これらの理解を通して、生命現象の普遍性と多様性について考えます。	Animals and plants construct tissues and organs with differentiated cells and integrate them to perform various higher-level biological functions that cannot be performed by a single cell. In this lecture, we aim to deepen our understanding of the significance and mechanisms of higher-order biological functions at the individual level in animals and plants, based on the basic knowledge of biology acquired in Basic Biology I. Through this understanding, we will consider the universality and diversity of life phenomena.

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生物学実験	Laboratory in Biology	実験	Experiments	2	LASBN0932J, LASBN0932E	動物、植物、微生物など、さまざまな生物を使って、さまざまな観察や実験を行います。生物の扱い方や観察方法、観察機器の操作方法に加えて、肉眼観察、顕微鏡観察、動植物の解剖、学内の植生調査などを通して、生物の構造や機能を学びます。	Students will conduct various observations and experiments using a variety of organisms, including animals, plants, and microorganisms. In addition to learning how to handle and observe organisms and how to operate observation equipment, students learn about the structure and function through naked-eye observation, microscopic observation, dissection of plants and animals, and vegetation surveys on campus.
地球科学基礎I	Fundamentals of Earth Science I	講義	Lecture	2	LASBN0940J, LASBN0940E	我々の住む地球がどのような特徴をもった惑星であるのかを理解するとともに、地球惑星科学を概観することを目的とします。このため、宇宙や太陽系中の地球の起源、地球の形状と内部構造、地球を構成する物質の種類や性質、岩石圏で発生する地震、水圏・気圏も含めた地球の表層環境などについて解説し、地球に対する理解を深めます。また地球惑星科学で用いられている代表的な研究方法なども紹介します。	The goal of this course is to understand the characteristics of our planet Earth and to provide an overview of Earth and planetary science. To this end, the origin of the Earth in the universe and Solar System, the shape and internal structure of the Earth, the materials that make up the Earth, earthquakes occurred in the lithosphere, and the surface environment of the Earth including the hydrosphere and atmosphere will be explained to deepen the understanding of the Earth. Research methods used in Earth and planetary science will also be introduced.
地球科学基礎II	Fundamentals of Earth Science II	講義	Lecture	2	LASBN0941J, LASBN0941E	我々の住む地球がどのような変遷を経て現在に至ったのかを理解することを目的とします。地表の地質構造や全地球スケールでのプレート運動など、現在の地球で起こっている様々な現象を解説します。さらに地球史における地殻、海洋及び大気の変遷プロセス、そしてこれらと密接な関係をもつ生物圏の変遷について解説します。また、過去の地球環境の変遷に基づき、人間圏との関わりから地球環境の未来についても考えます。	The goal of this course is to understand how the Earth we live on has changed over the years to the present. The geological structure of the earth's surface, plate movements on a global scale, and various other phenomena occurring on the earth today will be explained. In addition, the developmental processes of the Earth's crust, oceans and atmosphere, and the evolution of the biosphere, which are closely related to these processes, will be explained. We will also consider the future of the global environment in relation to the anthroposphere based on past changes in the global environment.
地球科学実験	Laboratory in Earth Science	実験	Experiments	2	LASBN0942J	地球科学の研究対象である、岩石圏、大気圏、水圏の構成物質に関する観察や実験を通して、地球科学の基本的な研究手法を習得します。それと並行して、期間中の休日に1回、野外見学に参加し、講義や実験で学ぶ事項が野外でどのような形で現れているのか実際に目で確かめることによって、より具体的に地球科学の基礎を体得できるようにします。	Students acquire basic research methods in earth sciences through observations and experiments on the materials constituting lithosphere, atmosphere, and hydrosphere, the research objects of earth sciences. At the same time, students will participate in a holiday field trip once during the course period to actually see how the items learned in lectures and experiments appear in the field, so that students can acquire the basics of earth sciences more concretely.