

Integrated Japanese 2			
Undergraduate / Graduate	Undergraduate	Registration Code	2a・2c: 0051121 2b:0051122
Course Category	Basic GE, Language I	Credits	3.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Mon, Wed. & Thu. / 1 (8:45~10:15)		
Instructor	2a・2c: TOKUHIRO Yasuyo 2b: HAJIKANO Are		
Contact e-mail of the Instructor	Tokuhiro: [REDACTED] Hajikano: [REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course This course aims to provide a basic knowledge of Japanese which will enable students to function effectively in everyday life.</p> <p>●Objectives of the Course Students will earn comprehensive Japanese, necessary to live both on and off campus.</p> <p>●Course Content or Plan ①Each lesson will cover grammar, expressions and vocabulary learned in Integrated Japanese 2 and practiced in short skits. Reading and writing are also covered. A short test will be given each day. ②Students are required to read textbooks (especially "Elementary Japanese 2 DAICHI Translation of the Main Text and Grammar Notes") as preparation for each lesson.</p> <p>●Course Prerequisites and Related Courses Prerequisite subjects for this course are Integrated Japanese 1 and Japanese Language Seminar (Communication) 1. Those who register for this course should also register for the Japanese Language Seminar (Communication) 2 in the same semester.</p> <p>●Course Evaluation Method and Criteria Attendance 30%, Class Participation 30%, Mid-term Examination and Final examination 40% Students must maintain course attendance rates of 80% or higher and are required to take mid-term and final examination. Those who fail to meet these requirements will not earn credits. In general, in the case of absence, make-up tests and examinations will not be possible (except in the case of extenuating circumstances). Three late arrivals or early departures of 15 minutes or more will be regarded as a one-lesson absence. Students are not permitted to withdraw from this course for any reason after the registration.</p> <p>●Study Load (Self-directed Learning Outside Course Hours) Homework is required every day.</p> <p>●How to Respond to Questions Respond to questions by email or during class.</p>			
Textbook	1. 『日本語初級2 大地 メインテキスト』 スリーエーネットワーク 2,800 円＋税 "Elementary Japanese 2 DAICHI Main Text" by 3A Corporation, ISBN978-4-88319-507-7 2. 『日本語初級2 大地 文型説明と翻訳<英語版>』 スリーエーネットワーク "Elementary Japanese 2 DAICHI Translation of the Main Text and Grammar Notes" by 3A Corporation, ISBN978-4-88319-521-3 2,000 円＋税 3. 『日本語初級2 大地 基礎問題集』 スリーエーネットワーク 900 円＋税 "Elementary Japanese 2 DAICHI Workbook" by 3A Corporation, ISBN978-4-88319-524-4 4. 『Write Now! Kanji for Beginners』 スリーエーネットワーク 1,900 円＋税 "Write Now! Kanji for Beginners" by 3A Corporation, ISBN978-4-88319-404-9		
Reference Book			

Fundamentals of Physics III			
Undergraduate / Graduate	Undergraduate	Registration Code	0051221
Course Category	Sciences Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Mon. & Wed. / 2 (10:30~12:00)		
Instructor	GELLOZ Bernard Jacques		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>●Goals of the Course This is the third of a series of courses that cover the Fundamentals of Physics, introducing the concepts and laws of electricity and magnetism.</p> <p>●Objectives of the Course Electricity and magnetism are important for understanding nature and are essential for studying science and engineering. Students learn the fundamentals of electricity and magnetism and its mathematical descriptions and will be able to solve a range of problems in electricity and magnetism. By the end of this course, students will be able to: 1) Understand the concepts of electric fields, electric potential, capacitance, current and resistance, magnetic fields, induction and inductances, etc. 2) Understand Coulomb's law, Gauss' law, law of Biot and Savart, Ampere's law, Faraday's law, Lenz's law, etc., and solve actual problems in electricity and magnetism. 3) Find mathematical solutions to problems in electricity and magnetism expressed by equations and explain the physical meanings of the solutions.</p> <p>●Course Content or Plan Chapter 21: Electric Charge Chapter 22: Electric Fields Chapter 23: Gauss' Law Chapter 24: Electric Potential Chapter 25: Capacitance Chapter 26: Current and Resistance Chapter 27: Circuits Chapter 28: Magnetic Fields Chapter 29: Magnetic Fields Due to Currents Chapter 30: Induction and Inductance</p> <p>●Course Prerequisites and Related Courses Fundamentals of Physics I & II and Calculus I&II.</p> <p>●Course Evaluation Method and Criteria Class attendance is required - absentee must give a valid reason (e.g. doctor's certificate). A student will receive the ABSENT grade if he does not sit for either Intermediate Exam or Final Exam without valid reason. A student who wishes to receive the ABSENT grade ask for it to Prof. Gelloz until after the Final Exam. Students need to submit a Course Withdrawal Request Form when requesting course withdrawal. Weightage of course components: Class attendance: 5%, Lecture Assignment: 15%, Intermediate Exam: 40%, Final Exam: 40%.</p> <p>●Study Load (Self-directed Learning Outside Course Hours) This course is as intensive as (if not more) than other fundamentals of physics courses (FPI&FP II) because of the higher mathematical skills involved and the higher number and complexity of concepts. You are expected to register for Fundamental Physics Tutorial Iia (FPTIIa) and to spend at least several hours per week studying in order to do well. There are weekly online assignments.</p> <p>●How to Respond to Questions Please use email to contact teachers and Teaching Assistants if you have any questions outside class. In class, students may ask questions at any time.</p>			
Textbook	Fundamentals of Physics Extended 10th Edition International Student Version with WileyPLUS Set (John Wiley & Sons, 2010 ISBN-13: 978-1118230725)		
Reference Book	Feynman Lectures On Physics (Vol. 2) by Richard Phillips Feynman (Pearson PTR) (ISBN-13: 978-0465024940)		

Fundamentals of Physics IV			
Undergraduate / Graduate	Undergraduate	Registration Code	0051222
Course Category	Sciences Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Mon. & Wed. / 2 (10:30~12:00)		
Instructor	GELLOZ Bernard Jacques		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Sc(P·C·B)·En(P·C·Au)·Ag(B)		
<p>●Goals of the Course This is the last of a series of four courses that cover the fundamentals of physics. It focuses on mechanical and electromagnetic waves, as well as optics.</p> <p>●Objectives of the Course Both conceptual understanding and problem solving will be emphasized. Some applications will also be discussed. Understanding waves and optics is important as preparation for more advanced subjects, for example in quantum mechanics, chemistry, and engineering.</p> <p>●Course Content or Plan - Review of mechanical oscillations (part of chapter 15) - Short introduction to electromagnetic oscillations (part of chapter 30) - Fundamentals of waves and mechanical waves (chapter 15) - Introduction to Maxwell's equations (part of chapter 32) - Electromagnetic waves (chapter 33) - Images (geometrical optics) (part of chapter 34) - Optical interference (chapter 35) - Introduction to optical diffraction (part of chapter 36)</p> <p>●Course Prerequisites and Related Courses Fundamentals of Physics I & II are prerequisites. Concurrent registration for <i>Fundamentals of Physics III</i> is required. Registration for <i>Fundamentals of Physics Tutorial IIb</i> is recommended (if you not passed it yet) as it serves as tutorial for this course.</p> <p>●Course Evaluation Method and Criteria Need to submit a Course Withdrawal Request Form when students have no intention of finishing a course during the semester. Deadline for submitting this request is just before the final examination. Weightage of course components: Class attendance: 10%; Intermediate tests: 40%; Final test: 50%</p> <p>●Study Load (Self-directed Learning Outside Course Hours) With two lectures and a tutorial (if you register for it) per week, it is important to work regularly and immediately clear any misunderstanding in order to do well in the course and tutorial. There are weekly online assignments, which may take the student about 2 hours to complete depending on student ability and topic.</p> <p>●How to Respond to Questions Please use email to contact teachers and Teaching Assistants if you have any questions outside class. In class, students may ask questions at any time.</p>			
Textbook	Fundamentals of Physics Extended 10th Edition International Student Version with WileyPLUS Set (John Wiley & Sons, 2010 ISBN-13: 978-1118230725)		
Reference Book	Feynman Lectures On Physics (Vol. 2) by Richard Phillips Feynman (Pearson P T R)		

Basic Mathematics			
Undergraduate / Graduate	Undergraduate	Registration Code	0051321
Course Category	Sciences Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Mon. / 3 (13:00~14:30)		
Instructor	DARPOE Erik Olof		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)		
<p>●Goals of the Course Science Basic: Courses designed to promote an understanding of the study of natural sciences and to foster independent decision-making capabilities.</p> <p>●Objectives of the Course The objective of this course is to review mathematical concepts and techniques that are frequently used in economics and social sciences.</p> <p>●Course Content or Plan</p> <ol style="list-style-type: none"> 1. Lines and their slopes 2. Sets, equations, absolute values 3. Functions and their graphs 4. Combinations of functions 5. Transformations of functions 6. Quadratic functions 7. Polynomial functions 8. Exponential functions 9. Logarithmic functions 10. Systems of equations and inequalities 11. Linear systems, vectors and matrices 12. Derivatives 13. Extremal value problems <p>●Course Prerequisites and Related Courses No formal prerequisites. Basic skills in manipulating algebraic expressions, solving equations etc. will be helpful.</p> <p>●Course Evaluation Method and Criteria The examination consists of homework (20% of the total score) and a final exam (80%). <i>Course withdrawal:</i> Any student who does not participate in the final exam will get the grade <i>W</i>. It is not necessary to hand in a course-withdrawal form.</p> <p>●Study Load (Self-directed Learning Outside Course Hours) Participants are expected to watch the lecture videos (ca 90 minutes per week) in advance of each exercise class. Additionally, some work with the homework assignments may be necessary outside of class hours.</p> <p>●How to Respond to Questions The instructor will be available to answer questions in class, or for individual appointments (face-to-face or online) on demand.</p>			
Textbook	Rhonda, Huettenmueller: <i>Pre-calculus demystified</i> , second edition McGraw-Hill Education; 2 edition (2012) ISBN-13: 978-0071778497		
Reference Book	<ul style="list-style-type: none"> • Seymour Lipschutz: Schaum's outline of set theory and related topics, 2nd edition, McGraw-Hill, 1998; • Otto Bretscher: Linear Algebra with Applications, 4th edition, Pearson 2009; • Serge Lang: Short calculus, Springer-Verlag, New York, 2002. 		

Laboratory in Biology A			
Undergraduate / Graduate	Undergraduate	Registration Code	0011371
Course Category	Sciences Basic	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) Mon / 3 (13:00~14:30) & 4 (14:45~16:15)		
Instructor	TAKAHASHI Hirokazu		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Ag(B)		
<p>●Goals of the Course The purpose of this course is to recognize the academic system of the natural sciences and to cultivate the ability to make independent judgments. Students will conduct a variety of experiments and observations using a variety of organisms, including animals, plants, and microorganisms, in order to understand the characteristics of each.</p> <p>●Objectives of the Course Students will learn how to handle organisms, observe organisms, and operate observation equipment. They will also learn how to observe the structure and function of organisms through observation with the naked eye, microscopic observation, dissection of animals and plants, and vegetation surveys on campus.</p> <p>●Course Content or Plan 1-1-1 Tree Identification 1-1-2 Interspecific comparison of tree leaves 1-1-3 Tree census 1 1-1-4 Tree census 2 (Analyses of tree census data) 1-2-1 Morphology of Plant 1 (Plant tissue systems and their cellular structures) 1-2-2 Morphology of Plant 2 (Leaf Surface Structure) 1-2-3 Morphology of Plant 3 (Structure of seedlings) 1-2-4 Protein Electrophoresis (SDS-Polyacrylamide Gel Electrophoresis) 1-3-1 Morphology of Animals 1 (Dissection of the goldfish) 1-3-2 Morphology of Animals 2 (Observation of Animal Tissue Sections) 1-3-3 Vertebrate Hormones (Regulation of metamorphosis in the African clawed frog larvae) 1-3-4 Morphology of Aves (Anatomy of the digestive system and urogenital system of the quail)</p> <p>●Course Prerequisites and Related Courses Fundamentals of Biology I and II</p> <p>●Course Evaluation Method and Criteria • Grading will be based on attendance, lab reports, and assessment of performance in the lab. The course withdrawal system is adopted. Students can withdraw from this course by submitting a request by the end of May</p> <p>●Study Load(Self-directed Learning Outside Course Hours) Nothing</p> <p>●How to Respond to Questions We will be respond to the question in the class or using NUCT.</p>			
Textbook	An original textbook will be distributed in the class.		
Reference Book	Will be introduced in the class.		

German 3			
Undergraduate / Graduate	Undergraduate	Registration Code	0031503
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Mon. / 5 (16:30~18:00)		
Instructor	MAEDA Orié		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course Courses 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.</p> <p>●Objectives of the Course Students will acquire basic skills of German language, obtaining knowledge of general culture in German-speaking countries.</p> <p>●Course Content or Plan 授業展開 1. CD及びDVDなどを用いて、発音・表現の確認 2. 文法・語句についての簡単な説明 3. パートナー練習 4. 文法内容についての演習 5. 各課終了ごとに文法または単語テスト *必要に応じて中間テスト・グループワークを行います。</p> <p>授業内容 1. 道案内・予定を尋ねる：前置詞の格支配・複合動詞（分離動詞・日分離動詞）・時刻表現 2. ファーストフード店で注文する：話法の助動詞・支払いの表現 3. 理由を述べる：副文（従属の接続詞） 4. 過去の出来事について述べる：動詞の三基本形・過去の表現・現在完了形 5. 友人を誘う：zu不定詞句 6. 興味があることについて尋ねる：再帰代名詞と再帰動詞 7. 色や形について説明する：形容詞の格変化 8. 比較する：形容詞と副詞の比較級と最上級 9. 隣の学生について尋ねる：関係代名詞・不定関係代名詞・指示代名詞 10. 褒められる：受動態 11. 非現実を仮定する：接続法II式・接続法I式</p> <p>予習と復習 1. 毎回の授業後に小テスト課題を行ってもらいます。 2. 翌週の授業で扱う文法事項についてテキストで予習を行い、基礎問題を行っておいてください。</p> <p>●Course Prerequisites and Related Courses 初級ドイツ語の後半部分を学びます。</p> <p>●Course Evaluation Method and Criteria 平常点50%：授業参加度及び貢献度・課題（30%）、グループ・プレゼンテーションまたは中間テスト（10%）、小テスト（20%）／ 期末試験：40% *履修取り下げの提出は求めないが、5回以上欠席した場合は「欠席」とする、定期試験を受験しない場合は「欠席」とする</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 予習 毎回の授業を受講する前に、新出単語及び発音などを予め確認しておくこと（30分～60分）</p>			

<p>復習 授業後に NUCT の小テストを受講し、授業内容に関する課題（配布または NUCT より配信）を行うこと。（60分程度）</p> <p>●How to Respond to Questions 授業時間の前後に質問を受け付けます。 また、メールでの質問にも対応します。 *メールを送る際、所属、氏名、該当授業の曜日と時限も記入すること。</p>	
Textbook	今井田亜弓、前田織絵共著『シュリット・フュア・シュリット [三訂版] たくさん練習して学ぶドイツ語』（三修社）ISBN978-4-384-12306-7 C1084
Reference Book	必要に応じて授業時に紹介します

French 3			
Undergraduate / Graduate	Undergraduate	Registration Code	0031504
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Mon. / 5 (16:30~18:00)		
Instructor	BAUMERT Nicolas		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course Courses 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.</p> <p>●Objectives of the Course</p> <p>●Course Content or Plan この授業はフランス語による実践的なコミュニケーション能力の基礎を養うことを目的としているため、日常生活のごく身近なシチュエーションにおいて必要とされる基本的な会話表現ができるようになるような演習を実施する。毎回の授業において、まずは練習問題を行うことで必要な語彙と文法事項を学ぶ。そしてこれらの知識をさまざまなアクティビティ（会話練習・聞き取り・作文）を通じて、実践していく。これらのアクティビティは二人あるいはグループで行う。よって授業に積極的に参加することが必須である。</p> <p>●Course Prerequisites and Related Courses この授業は前期 秋学期のフランス語1の続きではありますが、春学期からの参加も可能です。</p> <p>●Course Evaluation Method and Criteria 授業参加度（出席・ディスカッション・ロールプレイなど）20% 宿題/小テスト40% / 試験40% （5回以上無断欠席の場合は最終評価は「欠席」となります。）</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 授業時間は限られており、教科書等の演習問題は自宅で復習しておくこと。</p> <p>●How to Respond to Questions 授業中や NUCT のメッセージ。</p>			
Textbook	Gael Crepieux 『Spirale』2015年度版（アシェット出版） ISBN : 978-2-01-401581-2		
Reference Book	授業中に適宜指示をする。		

Russian 3			
Undergraduate / Graduate	Undergraduate	Registration Code	0031505
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Mon. / 5 (16:30~18:00)		
Instructor	YAMAJI Asuta		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course In the fall semester, students will continue the study of basic grammar. The primary objective of the course is to develop the basic skills essential for the comprehensive and effective acquisition of Russian grammatical structures and for reading written texts.</p> <p>●Objectives of the Course The course will enable students to comprehend written texts with the help of a dictionary and to acquire the correct way of constructing expressions and sentences by themselves. This will be the basis and the first step for further learning and using the Russian language.</p> <p>●Course Content or Plan この授業では、まずロシア語の基礎的な文法事項を習得し続ける。授業テーマは以下である。 1. 運動の動詞（2）：定動詞と不定動詞 2. 動詞の体（1）：完了体と不完了体の基本的用法 3. 動詞の体（2）：接頭辞による動詞派生と動詞の体の関係 4. 無人称文 5. 仮定法：条件文と仮定法（2） 6. 関係代名詞：最も使われる関係代名詞と関係副詞 7. 完了体副動詞 8. 形動詞（能動形動詞過去形）：形態と用法 9. 形動詞：被動形動詞の過去形 10. 被動形動詞の過去短語尾形と受け身文 テキストを終わった後は、テキストで習得した文法事項を復習しながら、実際に使えるロシア語を身につけることを目指して、受講生それぞれの聴解力・表現力を高めて行く。授業テーマは以下である。 11. 「私はモスクワに行きます」（場所・人物などを説明する） 12. 「いくらですか」（値段の尋ね方など） 13. 「あなたの職業は」（職業などを説明する） 14. 「ボルシチはお好きですか」 15. 「キノコ狩りに行きましょう」（好み・趣味などを質問して説明する）</p> <p>●Course Prerequisites and Related Courses ロシア語4とともに履修すること。</p> <p>●Course Evaluation Method and Criteria 平常点および試験の成績により評価する。授業への参加度、授業出欠などにより判断する。履修取り下げ制度を採用する。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 教科書や参考書ないしは文献資料や使用テキストの該当箇所を予習して授業に出席すること。毎回の予習ノートや質問応答への参加姿勢を成績評価に反映させる。</p> <p>●How to Respond to Questions 基本的には、授業時間外に受講生からの質問 等に NUCT によるメッセージにて回答する。</p>			
Textbook	西中村浩、朝妻恵理子『ロシア語をはじめよう』朝日出版社、プリント配布。		
Reference Book	参考書は授業中に指示する。露和辞典は、『小学館プログレッシブロシア語辞典』、『博友社ロシア語辞典』、『岩波ロシア語辞典』、『研究社露和辞典』の内から一冊を購入すること。		

Chinese 3			
Undergraduate / Graduate	Undergraduate	Registration Code	0031506
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Mon. / 5 (16:30~18:00)		
Instructor	YU Ping		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course Courses 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. This is a course for students who have learned the Chinese language during the autumn semester to develop basic knowledge and operational skills related to Chinese based on a consistent lesson plan.</p> <p>●Objectives of the Course 1. 基礎単語500語を習得している。 2. 中国語検定準4級レベルの運用力を身につけている。</p> <p>●Course Content or Plan ●授業内容 中国語3では、中国語1よりも難度の高い文法的事項を習得する。これと平行して口と耳の訓練を多く行い、さらなるステップに進むために必要な基礎能力を養う。 具体的な授業内容は以下の通りである。 1. 前期の復習 2. 時間の言い方 ほか 3. 練習および応用 4. 「有」と「在」の使い方 ほか 5. 練習および応用 6. 比較の表現 ほか 7. 練習および応用 8. 動詞の連動文、主述述語文などの確認および応用 9. 動詞の重ね型 ほか 10. 練習および応用 11. 時間量、様態補語 ほか 12. 練習および応用 13. 過去の経験を表す表現 ほか 14. 練習および応用</p> <p>●Course Prerequisites and Related Courses 中国語4とともに履修すること。</p> <p>●Course Evaluation Method and Criteria 試験(70%), 平常点(30%)。平常点は授業への参加状況, 授業態度で総合的に判断する。 授業時における教員のアナウンスに十分注意すること。履修取り下げは認めない。試験を受験しない場合、欠席扱いとなる。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) ・教科書の該当箇所を予習して授業に出席すること。 ・授業で扱った範囲の演習問題を課外学修で消化しておくこと。 ・教科書の本文・例文についてピンイン・声調を正しく発音できるように練習すること。</p>			

●How to Respond to Questions 授業後に対応する。	
Textbook	『ペアで学ぼう！中国語』 虞萍著 朝日出版社 ISBN978-4-255-45308-8 C1087
Reference Book	『みんなで学ぼう！中国語』 虞萍著 中国書店 ISBN978-4-903316-54-3 C3087 『確実に上達する 中国語 I』 虞萍ほか著 あるむ ISBN978-4-86333-075-7

Spanish 3			
Undergraduate / Graduate	Undergraduate	Registration Code	0031507
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Mon. / 5 (16:30~18:00)		
Instructor	NISHIMURA Hideto		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course This course aims to help students acquire foreign language skills to enrich their knowledge of the world and enhance their cross-cultural understanding. The second-semester course focuses on the higher level of Spanish grammar necessary to develop communicative skills at a basic level.</p> <p>●Objectives of the Course</p> <ol style="list-style-type: none"> 1) スペイン語のより複雑な動詞活用（再帰動詞等）や完了，過去，未来といった時制の用法を理解し，身に着ける。 2) スペイン語のもう1つの法である接続法の用法を理解し，身に着ける。 3) 分詞構文や関係節などの複雑な構文の用法を理解し，身に着ける。 4) 過去や未来，接続法を用いて，スペイン語で簡単な会話ができる。 <p>●Course Content or Plan 第II期（1年秋学期）においても，同一の教材を用いて，スペイン語3とスペイン語4両科目2名の教員が連携して講義を行う形式をとるが，学習効果を高めるために，担当教員やTAが日本人であるか母語話者であるかといった条件に応じ，クラス毎に文法と説明，あるいは講読と応用練習といった，ある程度の役割分担を設ける。第II期では動詞の語形変化の学習を過去や未来時制へ発展させ，再帰動詞や関係節，接続法などさらに進んだ文の構造を学ぶ。 主要な学習内容は以下の通りである。 第9課 再帰動詞 比較級と最上級、同等比較 義務の表現 第10課 過去分詞 現在完了 現在分詞 siを使った現実の条件文 第11課 点過去 第12課 線過去 関係詞 一般人称表現 *第12課の終了をめどに中間テストを実施する。 第13課 未来 過去未来 完了（過去完了） 不定語2 第14課 接続法現在 不定詞 第15課 命令法 接続法過去 反事実条件文 授業各回には予習が必須である。また各課の最後にある練習問題は授業時に答え合わせを行うので、適宜事前にやっておくこと。</p> <p>●Course Prerequisites and Related Courses この授業は木曜5限のアパサ教官とリレー式で行う。</p> <p>●Course Evaluation Method and Criteria</p> <ol style="list-style-type: none"> 1) 出席：原則として、欠席が3回を超えないこと（以下3点の前提条件）。 2) 中間テスト：40% 3) 期末試験：50% 他小テスト等を行う場合あり。 4) 平常点（授業時の課題・宿題等）：10% なお履修取り下げ制度を採用する。 <p>●Study Load(Self-directed Learning Outside Course Hours) 必要に応じて授業で示す。</p> <p>●How to Respond to Questions メールで連絡してください。</p>			
Textbook	志波彩子，西村秀人，水戸博之，渡辺有美『初級スペイン語教本 エクセレンテ!!!（第3版）』（朝日出版社、2015年1月初版）ISBN 978-4-255-55120-3 C1087		
Reference Book	西和辞書		

Korean 3			
Undergraduate / Graduate	Undergraduate	Registration Code	0031508
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Mon. / 5 (16:30~18:00)		
Instructor	KWON Eunhee		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course Courses 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.</p> <p>●Objectives of the Course この授業は朝鮮・韓国語1・2を受講した学生を対象としたものであり、朝鮮・韓国語の基礎を固めることをねらいとする。授業を通じて、この言語の読み書きを確実なものとするとともに、様々な表現を身に付け、朝鮮・韓国語で簡単な意思疎通ができるようになることを目指す。</p> <p>●Course Content or Plan 朝鮮・韓国語3と4を合わせ、1学期間の主な学習項目は以下のとおりである。 <ul style="list-style-type: none"> ・連体形 ・可能・不可能表現 ・変則用言 ・簡単な文章の読解 ・コンピュータによる入力と検索 授業は基本的に、教科書に沿って一つの課を2~3回で終えるペースで進めていく。 各課の冒頭の会話が終わった場合、当該会話について同一曜時限の次の回に10分程度の小テストを行う。それ以外にも適宜小テストを行うことがある。</p> <p>●Course Prerequisites and Related Courses 朝鮮・韓国語1・2を履修した者を対象とするが、相応の力があればこれらを履修していなくても構わない。ただし、受講申請時に担当教員に相談すること。</p> <p>●Course Evaluation Method and Criteria 小テスト(30%)、期末試験の成績(70%)。成績評価基準は、『全学教育科目の履修の手引き』を参照。履修取り下げ制度は採用せず、授業を4回以上欠席した場合の成績評価は「欠席」とする。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 予習：教科書の該当箇所を予習して授業に出席すること(新出単語の発音と意味を調べるなど) 復習：授業で扱った範囲の演習問題を消化しておくこと。</p> <p>●How to Respond to Questions メールと Google フォームを利用して随時対応</p>			
Textbook	長谷川由起子・張コンヒャン『コミュニケーション韓国語 聞いて話そう II』(白帝社) ISBN: 978-4-86398-210-9		
Reference Book	辞書、参考書については、名古屋大学生協書籍部の「外国語学習のアドバイス」のページに紹介されている。 http://www.nucoop.jp/book/dictionary.html		

Japanese Language Seminar (Communication) 2			
Undergraduate / Graduate	Undergraduate	Registration Code	2b・2c: 0052121 2a:0052122
Course Category	Basic GE, Language I	Credits	3.0
Term (Semester) / Day / Period	G- II (1st year, Spring Semester) / Tue. & Fri. / 1 (8:45~10:15)		
Instructor	2b・2c: TOKUHIRO Yasuyo 2a: HAJIKANO Are		
Contact e-mail of the Instructor	Tokuhiro: [REDACTED] Hajikano: [REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course 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 Integrated Japanese 2. This course also covers the reading and writing of simple sentences. The textbooks are the same as Integrated Japanese 2.</p> <p>●Objectives of the Course Students will earn a basic knowledge of Japanese which will enable to function effectively in everyday life.</p> <p>●Course Content or Plan ①Each lesson will cover grammar, expressions and vocabulary learned in Integrated Japanese 2 and practiced in short skits. Reading and writing are also covered. A short test will be given each day. ②Students are required to read textbooks (especially "Elementary Japanese 2 DAICHI Translation of the Main Text and Grammar Notes") as preparation for each lesson.</p> <p>●Course Prerequisites and Related Courses The prerequisite subjects for this course are Integrated Japanese 1 and Japanese Language Seminar (communication) 1. Those who register for this course should also register for Integrated Japanese 2 in the same semester.</p> <p>●Course Evaluation Method and Criteria Attendance 30%, Class Participation 30%, Mid-term Examination and Final examination 40% Students must maintain course attendance rates of 80% or higher and are required to take mid-term and final examination. Those who fail to meet these requirements will not earn credits. In general, in the case of absence, make-up tests and examinations will not be possible (except in the case of extenuating circumstances). Three late arrivals or early departures of 15 minutes or more will be regarded as a one-lesson absence. Students are not permitted to withdraw from this course for any reason after the registration.</p> <p>●Study Load (Self-directed Learning Outside Course Hours) Homework is required every day.</p> <p>●How to Respond to Questions Respond to questions by email or during class.</p>			
Textbook	1.『日本語初級2 大地 メインテキスト』 スリーエーネットワーク 2,800 円+税 "Elementary Japanese 2 DAICHI Main Text" by 3A Corporation, ISBN978-4-88319-507-7 2.『日本語初級2 大地 文型説明と翻訳<英語版>』 スリーエーネットワーク "Elementary Japanese 2 DAICHI Translation of the Main Text and Grammar Notes" by 3A Corporation, ISBN978-4-88319-521-3 2,000 円+税 3.『日本語初級2 大地 基礎問題集』 スリーエーネットワーク 900 円+税 "Elementary Japanese 2 DAICHI Workbook" by 3A Corporation, ISBN978-4-88319-524-4 4.『Write Now! Kanji for Beginners』 スリーエーネットワーク 1,900 円+税 "Write Now! Kanji for Beginners" by 3A Corporation, ISBN978-4-88319-404-9		
Reference Book			

Linear Algebra II			
Undergraduate / Graduate	Undergraduate	Registration Code	0052221
Course Category	Sciences Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Tue. / 2 (10:30~12:00)		
Instructor	BACHMANN Henrik		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>All information on this course will be available on the course page: https://www.henrikbachmann.com/la2_2021.html</p> <p>●Goals of the Course Linearity is one of the most fundamental concepts for the handling of quantities in current natural science. Indispensable in quantum mechanics and relativity, machine learning, engineering, etc., its use has spread across all branches of natural science and beyond. The second half of this one-year course focuses on advanced concepts of Linear algebra, such as the notion of a (real) vector space, determinants, eigenvalues and eigenvectors. Its purpose is to give a deeper and broader understanding of the mathematical theory of linearity, as well as increased proficiency in mathematical reasoning and proof techniques. Later in the course we will try to bring explicit applications of the concepts taught in this course.</p> <p>●Objectives of the Course We will begin by generalizing the results from Linear Algebra I and make everything a bit more abstract. This will allow us to apply results from Linear Algebra I to not only vectors, but also, for example, functions. Especially the chapter on eigenvalues will have a lot of real-life applications.</p> <p>●Course Content or Plan Vector spaces, determinants and their applications, eigenvalues and eigenvectors, applications of eigenvalue theory, continuous dynamical systems, linear differential equations.</p> <p>●Course Prerequisites and Related Courses While not a formal requirement, Linear Algebra I is strongly recommended. Check https://www.henrikbachmann.com/la1_2020.html for the content of Linear Algebra I.</p> <p>●Course Evaluation Method and Criteria There will be two main, written exams: midterm and final. Additionally, there will be homework assignments and quizzes. <i>Course withdrawal:</i> Any student who does not participate in the final exam will receive the grade “Absent”. It is not necessary to submit a course withdrawal request form.</p> <p>●Study Load(Self-directed Learning Outside Course Hours) There will be a reference book and several online sources which can be used for additional self-study. The lectures are already recorded and available on YouTube. All information will be available before the course starts. The students will need to submit homework every 2-3 weeks and participate actively in class.</p> <p>●How to Respond to Questions You can always contact me via email or social media. Office hours can be provided face-to-face or via Zoom at any time. There will be a Facebook group for communication.</p>			
Textbook	None		
Reference Book	Otto Bretscher: <i>Linear Algebra with Applications</i> , fourth edition, Pearson		

Exploration of Japan: From the Outside Looking Inside

Undergraduate / Graduate	Undergraduate	Registration Code	0052222
Course Category	InterD Liberal	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Tue. / 2 (10:30~12:00)		
Instructor	TAKAKI Hitomi		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(C·Au)·Ag(B)		

●Goals of the Course

In this course, students will be given opportunities to explore Japanese culture and diversity issues through group discussion, project, and presentation. Students will examine both difficulties/challenges and excitements/joys of intercultural communication by learning key concepts of intercultural communication. Instructor will facilitate students' on-going communication and group work by increasing awareness of how their respective cultures, communication styles, and working styles affect group process and development. Lectures, discussions, simulation game, group project and presentation will be designed to provide students with insight and skills for building on their intercultural competence. We will use English for the main language and will support each other in various languages.

●Objectives of the Course

1. Explore key concepts of intercultural communication and develop intercultural sensitivity
2. Explore culture and diversity issues in Japan
3. Able to set common goals and work with culturally diverse group members

●Course Content or Plan (Tentative Plan)

1. Introduction, Icebreaking
2. Creating Ground Rules for the class
3. Explore Key Concepts of Culture & Intercultural Communication
4. Group Development & Team Building
5. Group Project & Presentation I (Topic: Japanese Culture & Society)
6. Group Project & Presentation II (Topic: Diversity Issues& Suggestion)
7. Reflection of Group Project
8. Closing Session

●Course Prerequisites and Related Courses

No prerequisites are required to register this course.

●Course Evaluation Method and Criteria

To be based on the combination of participation (30%), reflection papers (20%), group project & presentation (30%), and term paper (20%).

●Study Load (Self-directed Learning Outside Course Hours)

Before and after class, you will need time to work on readings and reaction papers. During the course, you need to work on group projects with other classmates and you might need to meet or work online together outside of the class.

●How to Respond to Questions

Please send e-mail to the Instructor or ask during the class.

e-mail: takaki (@) iee.nagoya-u.ac.jp (Please remove () when you send the e-mail.)

●Notice for Students

1. In order to conduct activities and group work effectively, the class capacity is limited to a maximum of 15 G30 students (total 40 students including other program (general, NUPACE, EMI students)). Please ensure that you attend the first class on Tuesday, April 13th, 2021. If the number of students exceeds the stipulated class size, the course coordinator will advise students on registration policy.
2. Need to request a course withdrawal when students have no intention of finishing a course during the semester. Please consult with the instructor about the course withdrawal.

Textbook

Handouts and materials will be provided for each class.

Reference Book

Materials will be informed in class if necessary.

Academic English Advanced 2			
Undergraduate / Graduate	Undergraduate	Registration Code	0052321
Course Category	Basic GE, Language I	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Tue. / 3 (13:00~14:30)		
Instructor	WEEKS Mark Charles		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)		
<p>●Goals of the Course The goal is to further develop students' academic abilities and interest in using English to explore and contribute to cultures and cross-cultural interaction internationally.</p> <p>●Objectives of the Course The course seeks to help student develop improved skills in researching, integrating and communicating information effectively in English at a suitable academic level. This involves the production of a presentation and research report on subjects of the students' choice under broadly prescribed themes.</p> <p>●Course Content or Plan In order to maximize English communication opportunities, students will often work in pairs or small groups (changing randomly with each lesson). Themes for discussion will be introduced through video and reading. The lecturer will deliver some short, interactive lectures.</p> <p>Here is a <u>tentative</u> week-by-week plan (though there may be sine change as the course progresses in response to our progress and interests).</p> <p>1 Introduction: greetings, student needs survey 2 Aims and types of research, research communication structure 3-6 About research presentations 7-10 Student presentations 12-14 Cultural research themes: models 15 Course review</p> <p>●Course Prerequisites and Related Courses None</p> <p>●Course Evaluation Method and Criteria Presentation 25% Research report 20% Writing test 20% Short homework exercises 5% Participation 30% * Students who wish to withdraw need to make a formal request to the instructor.</p> <p>●Study Load (Self-directed Learning Outside Course Hours) There is no formal e-learning program associated with this course. However, along with the major writing and presenting tasks, there will be occasional short exercises to be submitted online.</p> <p>●How to Respond to Questions Feel free to contact Mark anytime at [REDACTED] We can also arrange in-person or online meetings by appointment through the above email address.</p>			
Textbook	None, all materials provided by the instructor.		
Reference Book	Presentations guidebook, provided online by the instructor.		

Laboratory in Biology B			
Undergraduate / Graduate	Undergraduate	Registration Code	0012372
Course Category	Sciences Basic	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) Tue. / 3 (13:00~14:30) & 4 (14:45~16:15)		
Instructor	TAKAGI Shin, HIRAKO Yoshiaki		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Sc(P·C·B)·En(C)		
<p>●Goals of the Course The aim of the course is to gain a basic understanding of the structure and function of various living things through their observation by the naked eye or through a microscope, their dissection and by experimentation on them. The goal is also to learn how genes are related to structure and function, so you can understand the flow from classical biology, which had observation as its main objective, to modern biology, which pursues understanding on the molecular level.</p> <p>●Objectives of the Course In this training, you will learn how to handle animals, plants and microorganisms, how to observe them, and how to use instruments. You will cultivate the ability to operate biological experiments independently. Through the course, you will also get basic ideas underlying the modern biological studies.</p> <p>●Course Content or Plan 01) Guidance and safety education 02) Observation of plant cells 03) Plant shaping and response to gravity stimulation 04) Observation of the yeast cell cycle 05) Observation of cell division at the growth point of onion roots 06) Observation of nematodes: effects of genetic abnormalities on animal morphology and movement 07) Looking at the genome and thinking about the information content (<i>Drosophila</i> larval salivary gland chromosome observation) 08) Observing the feeding behavior of <i>Drosophila</i>: what food do you like? Hate? 09) Learn evolution and biodiversity from medaka 10) Learn properties of enzymes (alkaline phosphatase) 11) Comparative observation of human blood cells and epithelial cells 12) Measurement of cell osmotic pressure by plasma separation</p> <p>The contents and order may be changed. Depending on the Covid-19 situation, there is a possibility that the training will be switched from the in-person to either the remote via NUCT or in-person/remote hybrid form, at the beginning or in the middle of the course. Please keep checking announcement on NUCT.</p> <p>●Course Prerequisites and Related Courses In this training, experiments and observations on animals (medaka, fly, nematode), plants (onion, <i>Arabidopsis</i>), microorganisms (yeast), and collection and observation of oral epithelial cells or a few drops of blood are performed. This course is not recommended to those who are not able to perform the above experiments.</p> <p>●Course Evaluation Method and Criteria Attendance and report for each experiment. As a general rule, students will not be able to earn credits unless they are present and submit reports on all practical trainings by the deadline. If you attend three or more times, your grade will be "S, A, B, C, or F" instead of "Absent."</p> <p>●Study Load(Self-directed Learning Outside Course Hours) Students are requested to submit lab reports and pencil sketches</p>			

•How to Respond to Questions

Via NUCT (Message).

Textbook

Original training books will be distributed.

Reference Book

Prints will be distributed as needed.

International Politics			
Undergraduate / Graduate	Undergraduate	Registration Code	0052421
Course Category	Arts Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Tue. / 4 (14:45~16:15)		
Instructor	GREEN David James		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)		
<p>●Goals of the Course This course is intended to provide an introduction to the study of political science, looking at politics in the modern world and in the comparative perspective. Not only will this course provide some general organizing principles to students for understanding politics, but it will be useful in improving critical thinking and writing skills.</p> <p>●Objectives of the Course By the end of the course, students should obtain a basic understanding of organizing political principles, including types of political systems, classifications of political culture, predominant legal regimes and preminent institutions.</p> <p>●Course Content or Plan Week 1 – course introduction Week 2 – political power, authority and the state Week 3 – political ideologies Week 4 – political culture Week 5 – political parties Week 6 – executive institutions Week 7 – interim summary and evaluation Week 8 – legislative institutions Week 9 – judicial institutions Week 10 – bureaucratic institutions Week 11 – interest groups Week 12 – electoral systems Week 13 – international organizations Week 14 – international political economy Week 15 – concluding summary and evaluation</p> <p>●Course Prerequisites and Related Courses Because this is an introductory course, no prerequisites are required. However, students should have a good command of the English language and come to class willing to discuss the week's topic.</p> <p>●Course Evaluation Method and Criteria Participation – 15% Essay – 25% Midterm exam – 30% Final exam – 30% Course withdrawal is possible up to one month after class starts or by special permission from the instructor.</p> <p>●Study Load (Self-directed Learning Outside Course Hours) Study load is average for an undergraduate course at Nagoya University.</p> <p>●How to Respond to Questions Any and all queries should be sent by email and will be responded to as quickly as possible.</p>			
Textbook	Caramani, Daniele (ed.). <i>Comparative Politics</i> , 4 th edition (2017): Oxford University Press. ISBN: 978-0198737421		

Reference Book	Additional references will be announced in class
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Perspectives in Mathematical Science III			
Undergraduate / Graduate	Undergraduate	Registration Code	0072481
Course Category	Open	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Tue. / 4 (14:45~16:15)		
Instructor	HESSELHOLT Lars, KIMURA Yoshifumi, HAMANAKA Masashi		
Contact e-mail of the Instructor			
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·En(C·Au)·Ag(B)		
For information on syllabus, please refer to the School of Science's one.			

Fundamentals of Earth Science II			
Undergraduate / Graduate	Undergraduate	Registration Code	0052521
Course Category	Sciences Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Tue. / 5 (16:30~18:00)		
Instructor	HUMBLET Marc Andre		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>●Goals of the Course This course explores the interactions between humanity and the Earth system. The Earth is a dynamic planet where the evolution of the environment and that of life are closely related. Human societies are profoundly influenced by climate change and geologic events such as volcanic eruptions and earthquakes. Today the growing human population and its use of natural resources are affecting the environment on a global scale to an extent never attained before. This course is intended to introduce some of the most important problematics arising from our interactions with planet Earth.</p> <p>●Objectives of the Course By taking this course students will acquire a basic knowledge of volcanology and seismology, past and present climate change, and the nature and use of geologic resources. Learning about the interactions between humanity and the Earth system is needed to use Earth's limited natural resources in a sustainable manner, minimize the risks of natural hazards, and envisage a safe future for us all. Students will also have the opportunity to explore further a topic of their choice, and share what they have learned with their classmates.</p> <p>●Course Content or Plan</p> <ol style="list-style-type: none"> 1. Introduction – review of plate tectonics 2. Volcanoes 3. Seismology I: The nature of earthquakes and their effects 4. Seismology II: Reconstruction of Earth's interior based on the behavior and detection of seismic waves 5. Biogeochemical cycles I: The Water Cycle 6. Biogeochemical cycles II: The Carbon Cycle 7. Climate I: Introduction to the Climate System 8. Climate II: Natural Variations at geologic timescales 9. Climate III: Recent Global Change 10. Nature and use of geologic resources <p>●Course Prerequisites and Related Courses There is no prerequisite for this course. This course is most closely related to Fundamentals of Earth Science I.</p> <p>●Course Evaluation Method and Criteria Quizzes: 60% Written essay: 30% Oral presentation: 10%</p> <p>Students who enrolled in 2019 or before will be graded following the five-step S-A-B-C-F grade evaluation system (S: 90-100%, A: 80-89%, B: 70-79%, C:60-69%, F: 59-0%).</p> <p>A student will be given an "Absent" grade if he or she submits a Course Withdrawal Request by the 15th of November. This deadline does not apply to students who drop the class part-way through for an exceptional reason (e.g., illness, accident). Also, NUPACE students should check the deadline set by the NUPACE program for course withdrawal.</p> <p>The quizzes cover the material learned in class and explained in notes and slides provided during each lecture. The files of the notes and PPT slides are uploaded every week on NUCT.</p> <p>The grading scheme of the essay is explained during the first lecture of the course. Each student gives a</p>			

presentation on the subject of their essay at the end of the semester.

●Study Load (Self-directed Learning Outside Course Hours)

Students should acquire a good understanding of the course content to be able to answer the questions of the quizzes. Students are also required to write a review paper on a subject of their choice related to the course content. Students therefore need to search for information related to this subject and to summarize that information in a clear, organized, and concise manner. The presentation given at the end of the semester

●How to Respond to Questions

Live lectures will be organized (in class or online or both), and students are strongly encouraged to ask questions during the lectures. Students can also contact me by e-mail or meet me in person in my office. NUCT will be used as another way of communication, to share files and send messages.

Textbook	There is no required textbook for this course. Please refer to the recommended reading below for an additional source of information.
Reference Book	Title: Understanding Earth Authors: John Grotzinger & Thomas H. Jordan Publisher: W. H. Freeman Issue year: 2014 (7th edition) ISBN: 978-1464138744

Economics A			
Undergraduate / Graduate	Undergraduate	Registration Code	0053221
Course Category	Arts Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Wed. / 2 (10:30~12:00)		
Instructor	DOI Yasuhiro		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)		
<p>●Goals of the Course The main goal of this course is to provide students understanding how people make decision, regarding daily life in an economy.</p> <p>●Objectives of the Course The aim of this course is to help students understand the basic concepts of economics. It starts with the principles of economics. Then explores the field of microeconomics, the branch of economics that is concerned with the behavior of individual entities such as households and firms in a market. We will see how people make decisions in a market, as well as the strengths and weaknesses of the market mechanisms are interpreted in details. Upon successfully completion of the course, students should be able to understand the basic concepts of economics.</p> <p>●Course Content or Plan 1. Introduction: What is Economics? 2. Principles of Economics (1) 3. Principles of Economics (2) 4. Principles of Economics (3) 5. Thinking like an Economist 6. Applications of Supply and Demand 7. Demand and Consumer Behavior 8. Midterm Quiz 9. Production and Business Organization 10. Supply in Competitive Markets 11. Imperfect Competition 12. Factor Markets 13. The Distribution of Income 14. Externalities 15. Final Exam</p> <p>●Course Prerequisites and Related Courses No prerequisites</p> <p>●Course Evaluation Method and Criteria A midterm and final exam + extra home works</p> <p>●Study Load(Self-directed Learning Outside Course Hours) Read texts and summery the contents of previous class/ weekly 3 hours</p> <p>●How to Respond to Questions Please send me an e-mail about your questions.</p>			
Textbook	Principles of Economics, N. Gregory Mankiw (various versions)		
Reference Book			

Information Literacy			
Undergraduate / Graduate	Undergraduate	Registration Code	0013301
Course Category	Sciences Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Wed. / 3 (13:00~14:30)		
Instructor	KURIMOTO Hidekazu		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)		
<p>●Goals of the Course The goal of this class is to obtain ICT literacy skills and knowledge for comfortable university life, especially about computer and network.</p> <p>●Objectives of the Course Objectives of this class are 1) utilizing electronic document composition with word processor, spread sheet, and presentation applications, 2) communicating and utilizing via e-mail and other network-based communication tools, 3) understanding the structure and use of network and related laws and manners, and 4) making HTML (hyper text markup language) documents</p> <p>●Course Content or Plan Combination of face-to-face and remote class If there is a change in the class form, etc. After registration, we will guide you on the NUCT class site.</p> <p>(01) Information Literacy overview (02) Overview of computer literacy, and word processing (03) Electronic mail and information exchange (04) Information security (05) Ethics and etiquette in a network information-based society (06) Information retrieval system (basic) (07) Searching for information on the internet (applied / translation) (08) The science and technology supporting an information-based society. (09) Information representation on web pages (basic) (10) Information representation on web pages (applied) (11) Information processing using spreadsheet software (basic) (12) Information processing using spreadsheet software (applied) (13) Information processing using spreadsheet software (advanced) (14) How to make PowerPoint presentation (15) Actual presentation using PowerPoint</p> <p>The course will cover the content above, but the order may vary slightly. In order to promote autonomous learning through e-learning contents, experiments will be conducted using academically effective practical methods and content.</p> <p>●Course Prerequisites and Related Courses Students must be able to use the e-mail user account listed in the Nagoya University ID Notification. A specific prerequisite is not required.</p> <p>●Course Evaluation Method and Criteria Students will be evaluated in comprehensively on performance in reporting (70%) and class participation (30%). Grading is based on the six-grade evaluation defined by NU regulations. Please refer to "Liberal Arts and Sciences Course Registration Guide" for Grade criteria A withdrawal system is used for students wishing to withdraw from this course. * Details will be given during the first lecture.</p>			

●Study Load(Self-directed Learning Outside Course Hours)

Materials will be informed and provided by e-Learning Management System (NUCT)

●How to Respond to Questions

Describe how to ask questions such as Message function on NUCT, e-mail, Office hours etc.

Textbook	Course materials provided by e-Learning Management System (NUCT) (Course-related links) http://www.human.nagoya-u.ac.jp/~kuri/lect/nulias.html (JPN)
Reference Book	Materials will be informed in class if necessary.

Laboratory in Chemistry			
Undergraduate / Graduate	Undergraduate	Registration Code	0053321
Course Category	Sciences Basic	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) Wed. / 3 (13:00~14:30) & 4 (14:45~16:15)		
Instructor	SAMJESKÉ Gabor Arwed, PHUNG Quan Manh, SHUKU Yoshiaki		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>●Goals of the Course “Laboratory in Chemistry” provides students with the basic skills required to systematically perform experiments in chemistry in an interdisciplinary, comprehensive fashion that promotes an understanding of the necessary practical and theoretical skill set to other related fields of their study as for example in Biology or Chemical Engineering.</p> <p>●Objectives of the Course The first objective of this course is to learn how to effectively perform chemical and related physicochemical experiments in a detailed, oriented manner including carefully taking notes of the procedures, results, and questions that may arise from the experiments. The second objective is to clearly and concisely convey to others the results of the experiments that support your conclusion. Motto: Perform the experiments by yourself, visually observe and take notes of your observations and measured data/results in a manner that enable you to report your results clearly.</p> <p>●Course Content or Plan Due to the pandemic situation the number of students working at the same time in the laboratory had to be limited and the laboratory layout/experiments were partially redesigned, part of them offered as online experiments only. For those students who cannot return to Japan and do the experiments in person, experimental data/results will be provided via Nagoya University Collaboration and Course Tool (NUCT). Depending on changes in the specific activity guidelines (accessible from NU homepage), practical activities might be suspended temporarily or for the remaining course time. In that case, all students who registered for the course, will be provided with experimental data/results.</p> <p>week 1: Orientation and Safety Walkthrough. week 2: <i>Lecture 1 Reaction of Inorganic Ions and Ion Exchange Equilibrium</i> week 3: Experiment 1 Solubility of a) metal halides, b) metal hydroxides week 4: Experiment 2 Reaction of metal ions with sulfide week 5: Experiment 3 Separation of inorganic ions and their identification week 6: <i>Lecture 2 Synthesis of Organic and Inorganic Compounds, Volumetric Analysis and Titration</i> week 7: Experiment 4 a) Synthesis of acetylsalicylic acid, b) measurement of melting point week 8: Experiment 5 a) Synthesis of potassium trioxalate ferrate (III) trihydrate, b) photochemical reaction week 9: Experiment 6 Titration of Monovalent Acids (online only) week 10: <i>Lecture 3 Energy of Electromagnetic Waves and Spectra, Rate of Chemical Reaction and Energy</i> week 11: Experiment 7 Absorption spectra of bromothymol blue (BTB) at different pH week 12: Experiment 8 Determination of concentration by absorption photometry week 13: Experiment 9 Chemical oscillation reactions (online only)</p> <p>●Course Prerequisites and Related Courses Students must have taken, or be taking concurrently, at least one of the following courses: Fundamentals of Chemistry 1, Fundamentals of Chemistry 2.</p>			

●Course Evaluation Method and Criteria

Submission of a laboratory report is necessary for every week. Missing to submit more than 2 laboratory reports means automatically failing the course! The laboratory report must be submitted **before** the next experiment starts (one week in case of consecutive experiments, two weeks if a lecture will be held in the following class). Plagiarism of assignments will result in point deduction!

Points will be assigned as follows:

Every laboratory report: 8 pts (total 9 x 8 pts = 72 pts)

Participation in discussion and Q&A: 8 pts

Final oral exam (“exit conversation”): 20 pts

TOTAL: 100 pts

Grade evaluation will be according to the academic year you enrolled at Nagoya University. Students who enrolled until (including) AY2019: (S-A-B-C-D-F), students who enrolled AY2020 and later:

(A(+)-A-B-C-C(-)- F

Course withdrawal is *only* possible until week 8 (experiment 5) in written form (email or paper form) according to Nagoya University’s course withdrawal system: Students “Need to request a course withdrawal when students have no intention of finishing a course during the semester”

●Study Load (Self-directed Learning Outside Course Hours)

- Students are required to read the corresponding part of the manual and prepare for every experiment in writing the workflow (notebook) including tables for expected data to be noted during the experiments. The workflow
- Students need to submit a laboratory report of every experiment (max. 6 A4 pages)
- Students must prepare for the final oral exam

●How to Respond to Questions

Either by email, during the laboratory hours or during office hours. Additional information material will be

available online: http://www.ilas.nagoya-u.ac.jp/Chem_Exp/index_eng.html

Textbook	Introductory Chemistry Laboratory Manual, Shizuaki Murata, Fumi Urano, and Masahiro Yoshimura, Hideto Ito (Nagoya University, 2019)
Reference Book	Reference book will be announced in the introductory class if necessary

Introduction to Chemical and Biological Industries			
Undergraduate / Graduate	Undergraduate	Registration Code	0073381
Course Category	Open	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Wed. / 3 (13:00~14:30)		
Instructor	SAWABE Kyoichi		
Contact e-mail of the Instructor			
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·Ag(B)		
For information on syllabus, please refer to the School of Engineering's one.			

Literature			
Undergraduate / Graduate	Undergraduate	Registration Code	0053421
Course Category	Arts Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Wed. / 4 (14:45~16:15)		
Instructor	IWATA-WEICKGENANNT Kristina		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>●Goals of the Course (Theme of First Year Seminar)</p> <p>Literature is one of the many concepts that were (re)invented upon contact with the West during the Meiji period. However, not only was the definition of literature modeled on the Western example, but experiences with foreignness soon began to play a role on the plot level as well. In this course we will explore issues surrounding intercultural encounters through the lens of literary texts. The selected works cover roughly a century, beginning during the modernization period when Japan sent its brightest minds abroad to study, and ending with a foreigner's experiences in post-bubble Japan. The texts are discussed in close relation to their respective social and political contexts, providing students with good background knowledge of modern Japanese society.</p> <p>●Objectives of the Course</p> <p>Students will understand what makes modern Japanese literature “modern” and “Japanese”, get a good overview of a specific aspect of Japanese literary history, and acquire basic skills in literary analysis and interpretation.</p> <p>●Course Content or Plan</p> <p>Japanese modern and contemporary literature dealing with “foreign encounters” written between 1890-1996. With two exceptions, the focus is on short stories and short novellas all of which are provided in English translation. Most Japanese originals are available from NU libraries.</p> <p>W1, 4.14: Introduction</p> <p>W2, 4.21: How to read literature</p> <p>W3, 4.28: Mori Ogai, <i>Dancing Girl</i> (舞姫 1890)</p> <p>W4, 5.12: Nagai Kafū, <i>Bad Company</i> (悪友 1907)</p> <p>W5, 5.19: Nagai Kafū, <i>Behind the Prison</i> (監獄署の裏 1909)</p> <p>W6, 5.26: Kunikida Doppo, <i>The Shores of the Sorachi River</i> (空知川の岸辺 1902)</p> <p style="padding-left: 2em;">Quiz 1: W3-6</p> <p>W7, 6.2: Kim Sa-ryang, <i>Into the Light</i> (光の中に 1939)</p> <p>W8, 6.9: Noguchi Kakuchū: <i>Foreign Husband</i> (異族の夫 1958)</p> <p>W9, 6.16: Kaneshiro Kazuki/ Yukisada Isao: GO (2000/2001)</p> <p style="padding-left: 2em;">Quiz 2: W7-9</p> <p>W10, 6.23: Ōshiro Tatsuhiro, <i>Cocktail Party</i> (カクテル・パーティー 1967)</p> <p>W11, 6.30: Medoruma Shun, <i>Droplets</i> (水滴 1997)</p> <p style="padding-left: 2em;">Quiz 3: W10-11</p> <p>W12, 7.7: Tawada Yōko, <i>Where Europe Begins</i> (Wo Europa anfängt 1981)</p>			

W13, 7.8: Levy Hideo: *A Room Where the Star-Spangled Banner Cannot be Heard* (星条旗の聞こえない部屋 1992)

W14, 7.21: David Zoppetti: *The Newcomer* (いちげんさん 1996)

Quiz 4: W12-14

W15, 7.28: Summary and examination

*The above is subject to change.

●Course Prerequisites and Related Courses

None, except for the willingness to read (and discuss) lots of good literature.

●Course Evaluation Method and Criteria

The final grade for the course will be determined according to four categories of assessment. *Depending on the class size and the teaching format (remote vs. in-class), the percentage may change.* **Participation (10%)** will be assessed on perceived mastery of the course material, as demonstrated in class discussions and in-class exercises. **Quizzes (20%)** based on readings and material covered in class will be administered four times over the course of the semester, as indicated on the schedule. Of these four, the top three grades will be calculated towards the final quiz grade. Every student will be expected to give at least one **Group Presentation (40%)** on one of the weekly readings. The number of presentations and the number of students in one group depends on the overall number of course participants. Every member of the group receives the same presentation grade. Lastly, during the **Final Exam (30%)**, to be held on the final day of class, students will choose one essay question from a pool of four or five.

Registered students who have no intention of finishing the course need to request a course withdrawal (via email) before the deadline specified by ILAS.

●Study Load (Self-directed Learning Outside Course Hours)

Weekly reading assignments (short stories, short novellas); four quizzes; preparation for group presentation; study for final exam

●How to contact the instructor in case of questions

Email me at [REDACTED]!

Textbook	No required textbook for purchase. Readings will be made available via NUCT.
Reference Book	Listed on the final version of the syllabus (uploaded on NUCT on the first day of class)

Modern Biology			
Undergraduate / Graduate	Undergraduate	Registration Code	0053521
Course Category	Sciences Liberal	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Wed. / 5 (16:30~18:00)		
Instructor	BUSTOS VILLALOBOS Itzel		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>●Goals of the Course The purpose of this course is to learn the principles, and techniques of modern biology. This course is particularly designed for those who have not learned biology previously or whose major is other than biology, and who may think that they do not need to know any biology at all. The topics are covered in a general manner, but certain level of diligence in grasping concepts and memorizing the terminology is expected. <i>Its content is very basic for students on science.</i></p> <p>●Objectives of the Course Students are expected to be able to understand the generalities of biology.</p> <p>●Course Content or Plan</p> <ol style="list-style-type: none"> 1. Introduction to Life on Earth 2. Essential Chemistry// The Molecules of Life 3. Anatomy and physiology of cell 4. Cellular Respiration // Photosynthesis 5. <u>Exam 1</u> 6. Cellular Reproduction // Patterns of Inheritance 7. The Structure and Function of DNA 8. DNA Technology 9. Biological evolution 10. The Evolution of Animals 11. <u>Exam 2</u> 12. Unifying Concepts of Animal Structure and Function 13. Generalities of Cancer 14. Treatments/ how technology improved cancer treatment 15. <u>Final Exam</u> <p>●Course Prerequisites and Related Courses Your name should be listed in this course in order to attend the class. If you want to attend only a specific lecture, please make request a week in advance. No companions/ partners of students will be allowed during class if not listed.</p> <p>●Course Evaluation Method and Criteria Two exams Activity/ quiz during classes Final exam</p> <p>There will be NO make-up exam. In the event of a missed exam due to a serious illness, accident or family emergency, compelling written documentation of the reason for the absence will be required.</p> <p>Students wishing to withdraw from the course without academic penalty must do so by requesting course withdrawal before May 14, 2021 18:00 hrs. That is the only way to receive an “Absent” grade, which does not count in GPA. After the date above, students may not withdraw from the course: a numeric grade will be calculated according to the evaluation method given in this syllabus, and the resulting letter grade will be reported to the Administration at the end of the course. This grade will count in GPA. If percentages are not reached, this will lead to “F” score. Also, in case of no submission more than one test and lack of attendance, an “F” will be given.</p>			

●Study Load (Self-directed Learning Outside Course Hours)

Pre-study: not needed

During class: 90 minutes sessions. Sometimes quiz will be done during class. Participation will be important.

After: Will be important to review after class, about one hour per session.

●How to Respond to Questions

In case the class is delivered in person: during class

In case the class is live-online: during class or send email so it can be replied during following session.

In case of recording lecture (depending of student’s location some lectures might be recorded): send email directly to [REDACTED] and it will be replied during the following class.

Textbook	Campbell Essential Biology, 6th Edition, by Simon, Reece, and Dickey (Pearson Education, 2016). ISBN-13: 978-0133917789, ISBN-10: 9780133917789
Reference Book	Campbell Biology, 11 th edition by Lisa A. Urry, Michael L Cain. ISBN-13: 978-0134093413, ISBN-10: 0134093410

Special Mathematics Lecture (Introduction to probability)			
Undergraduate / Graduate	Undergraduate	Registration Code	0053621
Course Category	Science Basic	Credits	2.0
Term (Semester) / Day / Period	G-II / G-IV (1st & 2nd year, Spring Semester) / Wed. / 6 (18:15~19:45)		
Instructor	RICHARD Serge		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>●Goals of the Course Probability is playing an essential role in many research fields, and in particular for describing complex systems. Our goal is to provide the necessary background information for understanding the use and the power of probability. The presentation will be accessible to all students, independently of their major.</p> <p>●Objectives of the Course Study the basic abstract theory of probability, and discuss some applications according to the interest and to the motivation of the students.</p> <p>●Course Content or Plan Very tentative program: Basic definitions Discrete random variables Multivariate discrete distribution Probability generating function Distribution function and density function Multivariate distribution and independence Moments and moment generating functions The main limit theorems Large deviation, branching process 1D random walk Random process in continuous time Discrete time Markov chains Continuous time Markov chains</p> <p>●Course Prerequisites and Related Courses Basic knowledge on calculus and linear algebra, as provided in Calculus I & II and in Linear algebra I & II. Motivated 1st year students can also attend without these prerequisites but after a discussion with the instructor.</p> <p>●Course Evaluation Method and Criteria The final grade will be based on the active participation during the lectures and on some written reports. Students will be encouraged to work on applications related to their major during the semester.</p> <p>●Study Load(Self-directed Learning Outside Course Hours) Students are expected to read their notes, and to be familiar with the content of the previous lectures before each new lecture.</p> <p>●How to Respond to Questions By email. Look also at the related website: http://www.math.nagoya-u.ac.jp/~richard/SMLspring2021.html</p>			
Textbook	Free textbooks will be provided during the lectures		
Reference Book	Free reference books will be provided during the lectures		

First Year Seminar B			
Undergraduate / Graduate	Undergraduate	Registration Code	0054221
Course Category	Basic GE, 1Y Seminar	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 2 (10:30~12:00)		
Instructor	MC GEE Dylan Patrick		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)		
<p>●Theme of First Year Seminar This course aims to inform students in the social sciences and humanities about current social, economic and political issues in Japan, as well as to foster critical inquiry, analysis and debate. Rather than a traditional lecture, this course is structured as a student-centered, academic simulation of the Japanese House of Representatives (lower house of the National Diet), or Model Diet. Each student participant will be expected to role-play as a legislator, according to an assigned party affiliation and background profile. Student responsibilities will include researching select domestic or foreign relations issues, working in pairs to prepare and present six brief position papers, engaging in debate over proposed bills, voting on bills, and finally, reporting to constituents.</p> <p>●Goals of the Course Students in this class will develop basic academic skills like critical reading and analytic writing, while also enhancing communication skills through individual presentations and group discussion.</p> <p>●Objectives of the Course Students in this class will work individually and in groups to research about current social, economic, and political issues in Japan and to develop legislative solutions to those issues. Written work will take the form of legislative bills, position papers (which argue in support of the passage of a bill), and a final report.</p> <p>●Notice for Students First Year Seminar B is designed to be a student-centered class that promotes active learning. Students are expected to attend every class meeting, participate in group discussions, and work in groups outside of class to research current issues and write bills and position papers. Any student who has concerns about their ability to work productively with a group should write me before enrolling in this class.</p> <p>Please note that the maximum enrollment for this class is twelve (12) students. Once the class fills, I can add names to the waiting list, meaning that I will open a seat for you if an enrolled student withdraws during the first week. However, I cannot override the enrollment cap to allow more than twelve students in the class. Please do not ask me to do so. If the class fills before you register, please enroll in the other section of First Year Seminar B, which meets on the same day and time. Between the two sections, there are enough seats for all first-year students.</p> <p>As of this writing, my plan is to teach this class online in Spring 2021, not in person. If conditions improve to the degree that there appears to be little risk of students contracting COVID-19 by coming to class, I will reconsider; but since my first priority is your health and wellbeing, I want to play it safe. So please assume that we will NOT be meeting in person until I notify you otherwise.</p> <p>Enrolled students who would like early access to the course site should e-mail me at: [REDACTED] Note that we will NOT be using NUCT for this class. Our class will be taught on Canvas and our weekly meetings will be held on ZOOM. When you write, I will provide you with the password for accessing the Canvas site and the URL and password for ZOOM. It is your responsibility to write me and request access to Canvas before the semester starts.</p> <p>If you would like to withdraw from the class, please complete the required procedures by the deadline. Understand that being added or removed from the NUCT site is not the same thing as enrolling or withdrawing from the class. If you have questions about the procedures, please check with the office.</p>			

●Course Content or Plan

Week 1: Course Overview

Week 2: History of the Japanese Diet

Week 3: Japanese Legislative Politics Post-1993

Week 4: Student Presentations

Week 5: Committee Work and Drafting of Bills

Week 6: Model Diet, Session 1:1—Introduction of bills, Position paper presentations, Debate, and Vote

Week 7: Model Diet, Session 1:2—Introduction of bills, Position paper presentations, Debate, and Vote

Week 8: Model Diet, Session 1:3—Introduction of bills, Position paper presentations, Debate, and Vote

Week 9: Model Diet, Session 2:1—Introduction of bills, Position paper presentations, Debate, and Vote

Week 10: Model Diet, Session 2:2—Introduction of bills, Position paper presentations, Debate, and Vote

Week 11: Model Diet, Session 2:3—Introduction of bills, Position paper presentations, Debate, and Vote

Week 12: Model Diet, Session 3:1—Introduction of bills, Position paper presentations, Debate, and Vote

Week 13: Model Diet, Session 3:2—Introduction of bills, Position paper presentations, Debate, and Vote

Week 14: Model Diet, Session 3:3—Introduction of bills, Position paper presentations, Debate, and Vote

Week 15: Final Report Presentations

●Course Prerequisites and Related Courses

First Year Seminar A.

●Course Evaluation Method and Criteria

The final grade for the course will be determined according to six categories of assessment, outlined in the paradigm below. **Participation (30%)** will be assessed according to contributions made during committee work (such as bill drafting) and Model Diet sessions (involvement in discussion and debate). As a member of an assigned committee, each student will be responsible for researching issues, drafting bills, presenting introductions of bills during sessions, and presenting position papers in support of bills introduced by his or her committee. **Bills (3 @ 5% each)** are brief (approximately 250-500 word) pieces of proposed legislation that students will co-author with members of assigned committees. **Bill Introductions (3 @ 10% each)** are brief (approximately 500-750 word) summaries of bills proposed by one's assigned committees. Position Papers (20%--2@10%) are brief (approximately 500-750 word) essays that present opinions about issues, and argue for or against proposed bills. **The presentation (10%)** is a brief (approximately seven-minute) presentation that you will give in Week 4 about the legislator that you will be role-playing over the course of the semester. The take-home **Exam (5%)**, which is due Week 5, consists of twenty multiple-choice questions about the Japanese Diet and Postwar and Contemporary Japanese Politics. The **Final Report (10%)** is a brief (500-750 word) report, addressed to one's own constituency, which explains and defends bills that you have proposed and votes that you have cast over the course of the semester. The final reports will be presented on the final day of class.

	% of grade
Participation	30%
Presentation (Week 4)	10%
Exam (Week 5)	5%
Bill Introductions (3 @ 5% each)	15%
Position Papers (3 @ 10%)	30%
Final Report	10%

Letter Grade Conversions	
94-100	A+
80-93	A
70-79	B
60-69	C
<60	F

●Study Load (Self-directed Learning Outside Course Hours)

In addition to the ninety (90) minutes of time spent in class, students should expect to spend an average of three hours per week reading, researching, and writing, as well as any additional time they may spend meeting with their assigned groups to brainstorm ideas for bills or collaborate on drafts of work.

Textbook	There is no textbook to purchase. All materials will be provided on the first day of class.
Reference Book	A list of reference materials will be provided on the first day of class.

First Year Seminar B			
Undergraduate / Graduate	Undergraduate	Registration Code	0054222
Course Category	Basic GE, 1Y Seminar	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 2 (10:30~12:00)		
Instructor	DOI Yasuhiro, KANG Juhyung		
Contact e-mail of the Instructor	For the contact address we will inform you during class.		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)		
<p>●Theme of First Year Seminar This seminar aims to provide basic knowledge in accounting, especially purposes and measures regarding financial accounting and managerial accounting.</p> <p>●Goals of the Course In this seminar students will develop analytical skills by means of group works, presentations and discussions on relevant topics in accounting.</p> <p>●Objectives of the Course As a first objective, students will acquire basic understanding of financial statements of companies and managerial accounting. Secondary, students will learn skills in academic presentation and writing in regard to above mentioned topics.</p> <p>●Course Content or Plan</p> <ol style="list-style-type: none"> 1. Introduction 2. Lecture: Financial Accounting and Managerial Accounting 3. Lecture: Needs for Financial Information 4. Discussion: Where can we find topics in regard to accounting? 5. Group Work and Presentation 6. Lecture: Financial Statements 7. Lecture: Financial Statements Analysis 8. Exercise (1): Learning Financial Statements 9. Exercise (2): Analyzing Financial Statements 10. Lecture: International Convergence of Accounting Standards 11. Discussion: Why do we need an international standard for accounting? 12. Preparation for final presentation 13. Final Presentation (1) 14. Final Presentation (2) 15. Concluding session <p>●Course Prerequisites and Related Courses No prerequisites for taking this course</p> <p>●Course Evaluation Method and Criteria Students need to submit a Course Withdrawal Request Form when requesting course withdrawal. Class participation (40%), Group assignment: report and presentation (30%), individual assignment: report and presentation (30%)</p> <p>●Study Load(Self-directed Learning Outside Course Hours) Students must review the contents in a previous class and prepare for the presentations.</p> <p>●How to Respond to Questions Students can contact instructors through the NUCT.</p>			
Textbook	Materials will be provided in each class.		
Reference Book	Schroeder, R.G., M.W. Clark, and J.M.Cathey (2019) <i>Financial Accounting Theory and</i>		

Analysis: Text and Cases. 13th ed. Wiley. ISBN: 978-1119577775.

Buffett, M. and D. Clark (2008) *Warren Buffett and the Interpretation of Financial Statements*, Simon & Schuster UK. ISBN: 978-1849833196.

Doupnik, T., M. Finn, G. Gotti, and H. Perera (2020) *International Accounting*, 5th ed. McGraw-Hill. ISBN: 978-1260547986.

Other reference books will be announced in each class.

Fundamentals of Biology II			
Undergraduate / Graduate	Undergraduate	Registration Code	0054223
Course Category	Sciences Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 2 (10:30~12:00)		
Instructor	VASSILEVA Maria		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>●Goals of the Course The course is designed to expand students' understanding of the study of biology, and to foster independent decision-making capabilities.</p> <p>●Objectives of the Course This course's main focus is to provide students with working understanding on how the human body functions, and connect it to health and disease. Short introduction is given on basic concepts of ecology. The course emphasizes on conceptual understanding of the biological topics discussed, rather than on memorization of terms and facts. Course assignments are prepared with the goal of providing an opportunity to practice conceptual and analytical thinking. Students will gain the ability to use their understanding of human physiology to take informed decisions in everyday health-related situations. Ecology section will allow students to critically evaluate agricultural and ecological issues. Students will have a regular opportunity to engage in discussions, and hone their teamwork skills on team projects.</p> <p>●Course Content or Plan</p> <ol style="list-style-type: none"> 1. Introduction to the basics of life 2. Animal anatomy and physiology <ol style="list-style-type: none"> 2.1 Unifying concepts of animal structure and function 2.2 Nutrition and digestion 2.3 Gas exchange 2.4 Circulation 2.5 The immune system 2.6 Control of water balance 2.7 Hormones and the endocrine system 2.8 Reproduction and embryonic development 2.9 Nervous system 2.10 The senses 2.11 How animals move 3. Introduction to Ecology <ol style="list-style-type: none"> 3.1 The biosphere: an introduction to Earth's diverse environments 3.2 Behavioral adaptations to the environment 3.3 Population ecology 3.4 Communities and ecosystems 3.5 Conservation biology <p>●Course Prerequisites and Related Courses There is <u>no prerequisite knowledge for this course</u>. Even students who didn't take Fundamentals of Biology 1, or didn't study Biology in high school, are encouraged to join. Exchange students are also welcome. Related courses: Fundamentals of Biology I, Physiology and Anatomy I.</p>			

●Course Evaluation Method and Criteria

Evaluation is based on in-class participation (10%), group assignments (10%), individual written assignments (10%) and two exams (total of 70%). The University standard 6-step grading scale is used in this course.

Note: Students who do not intent to complete the course need to submit a Course Withdrawal Form. This can be done at any time during the course.

●Study Load (Self-directed Learning Outside Course Hours)

Students are expected to read the appropriate textbook chapter before class. Classes emphasize discussions and questions, thus coming prepared is essential.

Weekly written assignments - summary of the upcoming class material in the form of a Mind map - are the core assignments for this course. Note that Mastering Biology (companion study site for the main textbook of the course) will NOT be used in the course formal assessments.

●How to Respond to Questions

The course instructor can be contacted outside the class hours at the email indicated above.

The course uses NUCT online platform, questions can be also submitted on dedicated forums and message board.

Textbook	<p>Title: Campbell Biology: Concepts & Connections Global edition, 9 edition (or earlier) Authors: Talor, Simon <i>et al.</i> Publisher: Pearson, Year: 2018 ISBN 978-1292229478</p>
Reference Book	<p>OpenStax Biology 2e Free downloadable textbook (http://openstaxcollege.org) This is an excellent alternative to the main textbook, and will also be used in the course.</p>

Fundamentals of Chemistry II			
Undergraduate / Graduate	Undergraduate	Registration Code	0054321
Course Category	Sciences Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 3 (13:00~14:30)		
Instructor	SHIN Jiyoung		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>●Goals of the Course This course's primary goal is to grasp what chemistry is all about and learn fundamental principles and elementary knowledge in different chemistry subjects. Fundamentals of Chemistry II begins with chemical kinetics and equilibrium, advances to thermodynamics and electronics, and finishes with chemical structures, properties, and reactions.</p> <p>●Objectives of the Course Based on the knowledge, educated following the course contents, the students will be able to solve chemistry problems in each subject of physical, electro-, nuclear, inorganic, solid-state, organic, and biological chemistries, from pretty simple to much complex and hybrid.</p> <p>●Course Content or Plan Class 1. Solids and Solid-State Materials (Ch.12) Class 2. Solutions and Their Properties (Ch.13) Class 3. Chemical Kinetics (Ch.14) Class 4. Chemical Equilibrium (Ch.15) Class 5. Summary and Evaluation for the Classes 1-4 with Practice Problems and the Solution Process Class 6. Aqueous Equilibria: Acids and Bases (Ch. 16) Class 7. Applications of Aqueous Equilibria (Ch.17) Class 8. Thermodynamics: Entropy, Free Energy, and Equilibrium (Ch. 18) Class 9. Electrochemistry (Ch. 19) Class 10. Summary and Evaluation for the Classes 6-9 with Practice Problems and the Solution Process Class 11. Nuclear Chemistry (Ch. 20) Class 12. Transition Elements and Coordination Chemistry (Ch. 21) Class 13. The Main-Group Elements (Ch. 22) Class 14. Organic and Biological Chemistry (Ch. 23) Class 15. Summary and Evaluation for the Overall Classes (1-14) with Practice Problems and the Solution Process</p> <p>●Course Prerequisites and Related Courses Fundamentals of Chemistry I</p> <p>●Course Evaluation Method and Criteria Examination [total 70%: two midterms (20% for each) and one Final (30%)], Attendance and Assignments (30%). This condition can be reconsidered following the pandemic condition. GPA (Grade Point Average) grading system is based on 'six-step' grade scale: A+, A, B, C, C-, and F (A+: $x \geq 95$, A: $95 > x \geq 80$, B: $80 > x \geq 70$, C: $70 > x \geq 65$, C-: $65 > x \geq 60$, and F: $60 > x$). No attendance of the final examination leads to 'Withdrawal (W)' grade. - <u>Course withdrawal and failure</u>: It was considered that students submit a 'Course Withdrawal Request Form' when requesting course withdrawal. Withdrawal will be recorded when the students officially withdraw from the course or when the instructor has a legitimate reason for determining the students has no intention to continue the course, such as if the student did not turn in assignments or was absent from examinations. In such a case, the instructor will not assign a grade.</p>			

- Cautious information: Whoever provides any suspicious action in any exam will lose his/her total credits of all coursework in the current semester, based on the University law.

● **Study Load(Self-directed Learning Outside Course Hours)**

Each homework is vital for reviewing the corresponding class, whose submission is strongly encouraged before the beginning of the next class. NU general guideline considers the necessity of the average of 2~3 hours of personal study time per week for each one credit.

● **How to Respond to Questions**

Students can communicate through emails [REDACTED]. Students are recommended to review the lectures by solving the related homework questions. Each assignment is due by the start of the next class (if there is no special announcement). The corrections will be returned to the students. If any student wants to ask for additional explanations, he/she should email the instructor to arrange the appointment. Under the pandemic condition, zoom meetings will be prepared.

Textbook	Chemistry (Jill K. Robinson, John E. McMurry, and Robert C. Fay), 8th Edition: Global edition, Pearson, 2021 (ISBN-13: 9781292336206)
Reference Book	General Chemistry: Principles and Modern Applications (Ralph, H. Petrucci, F. Geoffrey Herring, Jeffry D. Madura, Carey Bissonnette), 11 th Edition, Toronto, Pearson Canada, 2016 (ISBN 10: 0132931281) Chemistry (John E. McMurry, Robert C. Fay, and Jill K. Robinson), Seventh Edition: Global edition, 2016 (ISBN 10: 9781292092751)

Mathematics Tutorial 2a			
Undergraduate / Graduate	Undergraduate	Registration Code	0054421
Course Category	Open	Credits	1.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 4 (14:45~16:15)		
Instructor	RICHARD Serge		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	La(S)·Ec(S)		
<p>●Goals of the Course The aim of this course is to deepen the understanding of calculus and to cultivate the ability to apply mathematical knowledge.</p> <p>●Objectives of the Course The course is mainly intended for students taking Calculus II. Students will have the opportunity to manipulate the various notions introduced during the lectures.</p> <p>●Course Content or Plan Exercises sheets will be provided each week before the tutorial, and will be available on the web site of the course. Homework will be due every week during the tutorial. Solutions to the exercises will then be posted on the web site.</p> <p>●Course Prerequisites and Related Courses Calculus I and the corresponding Math tutorial Ia</p> <p>●Course Evaluation Method and Criteria The final grade will be determined by homework (50%) and quizzes (50%). The grading scale will be A+, A, B, C, C-, F. This course uses the course withdrawal system. It is necessary to submit a Course Withdrawal Request Form when the student has no intention of finishing the course during the semester.</p> <p>●Study Load(Self-directed Learning Outside Course Hours) Students are expected to read their notes, and to be familiar with the content of the lectures of Calculus II before each tutorial sessions.</p> <p>●How to Respond to Questions By email. More information available at http://www.math.nagoya-u.ac.jp/~richard/spring2021.html</p>			
Textbook	Free reference books and lecture notes will be available on the website of the course.		
Reference Book	Free reference books and lecture notes will be available on the website of the course.		

Mathematics Tutorial 2b			
Undergraduate / Graduate	Undergraduate	Registration Code	0054422
Course Category	Open	Credits	1.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 4 (14:45~16:15)		
Instructor	BACHMANN Henrik		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	La(S)·Ec(S)		
<p>All information on this course will be available on the course page: https://www.henrikbachmann.com/la2_2021.html</p> <p>●Goals of the Course Understand the concepts of the course Linear Algebra II in more detail by going through a lot of exercises and examples.</p> <p>●Objectives of the Course The objective of this course is to provide essential mathematical knowledge necessary to further studies in mathematics and science at university level. The course is primarily intended for students taking the course Linear algebra II.</p> <p>●Course Content or Plan Vector spaces, determinants and their applications, eigenvalues and eigenvectors, applications of eigenvalue theory, continuous dynamical systems, linear differential equations.</p> <p>●Course Prerequisites and Related Courses While not a formal requirement, Linear Algebra I is strongly recommended. Check https://www.henrikbachmann.com/la1_2020.html for the content of Linear Algebra I.</p> <p>●Course Evaluation Method and Criteria The assessment of this course is the same as the assessment of the course Linear Algebra II.</p> <p><i>Course withdrawal:</i> Any student who does not participate in the final exam will receive the grade “Absent”. It is not necessary to submit a course withdrawal request form.</p> <p>●Study Load(Self-directed Learning Outside Course Hours) There will be a reference book and several online sources which can be used for additional self-study. The lectures re already recorded and available on YouTube. All information will be available before the course starts. The students will need to submit homework every 2-3 weeks and participate actively in class.</p> <p>●How to Respond to Questions You can always contact me via email or social media. Office hours can be provided face-to-face or via Zoom at any time. There will be a Facebook group for communication.</p>			
Textbook	None		
Reference Book	Otto Bretscher: <i>Linear Algebra with Applications</i> , fourth edition, Pearson		

German 4			
Undergraduate / Graduate	Undergraduate	Registration Code	0034502
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 5 (16:30~18:00)		
Instructor	TANIGUCHI Yumiko		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course The purpose of this course is to help students develop their intercultural understanding and enrich their education.</p> <p>●Objectives of the Course The goal of this course is to get the knowledge of the basic German grammar and to be able to express oneself</p> <p>●Course Content or Plan 1 発音とあいさつ 2 動詞の現在人称変化 3 不規則動詞 4 分離動詞 5 命令形 6 格変化 7 定冠詞と不定冠詞 8 話法の助動詞</p> <p>各内容を1ないし2時間かけて学びます</p> <p>●Course Prerequisites and Related Courses 前期のみの授業です。</p> <p>●Course Evaluation Method and Criteria 50% (授業態度と小テスト)、期末試験50%。5回以上欠席 (公欠を除く) した場合、および学期末試験を受けなかった場合は成績評価の対象とみなしません。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 必要に応じて授業で示す。</p> <p>●How to Respond to Questions NUCT のメッセージ機能、メール</p>			
Textbook	アクティブに使うドイツ語<ノイ> 三宅恭子 ミヒャエラ・コッホ 三修社		
Reference Book	独和、和独辞典 翻訳ソフトのみは不可		

French 4			
Undergraduate / Graduate	Undergraduate	Registration Code	0034503
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 5 (16:30~18:00)		
Instructor	OKUDA Tomoki		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course Courses 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.</p> <p>●Objectives of the Course 言語文化科目「フランス語 1, 2, 3, 4」は全体として、読む・書く・聞く・話すという全般的運用能力の養成を目指す。毎週2回の授業のうち、一つは、基礎的文法事項の修得が主たる目標であり、もう一つは、それと連携しつつ、発音・講読・会話・作文などの基礎的能力の養成を目指す。また、フランス語圏の社会・文化についても関心を促し、基礎的な知識を獲得できるようにする。</p> <p>●Course Content or Plan 2020年度秋学期金曜5限の授業と合わせ、一年間かけてフランス語の初級文法を修得する。文法のための文法ではなく、フランス語を実際に使いこなすという観点から、授業を進めたい。会話・講読などの実践に重点を置く2021年度春学期月曜5限のポーメール・ニコラ先生の授業と相互補完の関係にある。</p> <p>●Course Prerequisites and Related Courses 全学部の学生を対象とする。</p> <p>●Course Evaluation Method and Criteria 平常点、学期中の小試験、および学期末の定期試験による。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 必要に応じて授業で示す。</p> <p>●How to Respond to Questions NUCTの「メッセージ」ツールやメールによる。</p>			
Textbook	実践フランス語文法』伊藤玄吾、亀谷百合佳、伊勢晃著（朝日出版社）		
Reference Book	必要に応じて授業で示す。		

Russian 4			
Undergraduate / Graduate	Undergraduate	Registration Code	0034504
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 5 (16:30~18:00)		
Instructor	SAVELIEV IGOR		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course In the fall semester, students will continue the study of basic grammar. The primary objective of the course is to develop the basic skills essential for the comprehensive and effective acquisition of Russian grammatical structures and for reading written texts.</p> <p>●Objectives of the Course The course will enable students to comprehend written texts with the help of a dictionary and to acquire the correct way of constructing expressions and sentences by themselves. This will be the basis and the first step for further learning and using the Russian language.</p> <p>●Course Content or Plan この授業では、まずロシア語の基礎的な文法事項を習得し続ける。授業テーマは以下である。 1. 運動の動詞 (2): 定動詞と不定動詞 2. 動詞の体 (1): 完了体と不完了体の基本的用法 3. 動詞の体 (2): 接頭辞による動詞派生と動詞の体の関係 4. 無人称文 5. 仮定法: 条件文と仮定法 (2) 6. 関係代名詞: 最も使われる関係代名詞と関係副詞 7. 完了体副動詞 8. 形動詞 (能動形動詞過去形): 形態と用法 9. 形動詞: 被動形動詞の過去形 10. 被動形動詞の過去短語尾形と受け身文 テキストを終わった後は、テキストで習得した文法事項を復習しながら、実際に使えるロシア語を身につけることを目指して、受講生それぞれの聴解力・表現力を高めて行く。授業テーマは以下である。 11. 「私はモスクワに行きます」(場所・人物などを説明する) 12. 「いくらですか」(値段の尋ね方など) 13. 「あなたの職業は」(職業などを説明する) 14. 「ボルシチはお好きですか」 15. 「キノコ狩りに行きましょう」(好み・趣味などを質問して説明する)</p> <p>●Course Prerequisites and Related Courses ロシア語3とともに履修すること。</p> <p>●Course Evaluation Method and Criteria 平常点および試験の成績により評価する。授業への参加度、授業出欠などにより判断する。履修取り下げ制度を採用する。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 教科書や参考書ないしは文献資料や使用テキストの該当箇所を予習して授業に出席すること。毎回の予習ノートや質問応答への参加姿勢を成績評価に反映させる。</p> <p>●How to Respond to Questions 基本的には、授業時間外に受講生からの質問 等に NUCT によるメッセージにて回答する。</p>			
Textbook	西中村浩、朝妻恵理子『ロシア語をはじめよう』朝日出版社、プリント配布。		
Reference Book	参考書は授業中に指示する。露和辞典は、『小学館プログレッシブロシア語辞典』、『博友社ロシア語辞典』、『岩波ロシア語辞典』、『研究社露和辞典』の内から一冊を購入すること。		

Chinese 4			
Undergraduate / Graduate	Undergraduate	Registration Code	0034505
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 5 (16:30~18:00)		
Instructor	KANIE Shizuo		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course Courses 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.</p> <p>●Objectives of the Course This is a course for students who have learned the Chinese language during the spring semester to develop basic knowledge and operational skills related to Chinese based on a consistent lesson plan.</p> <p>●Course Content or Plan 中国語2で習得した各音節の発音を固めながら、聴解力、口頭表現の向上を図る。 文法事項を学びつつ、リスニング・スピーキングの練習を重点的に行い、「聞く」「話す」力を伸ばしてゆく。 具体的な授業内容は以下の通りである。</p> <ol style="list-style-type: none"> 1. 前期の復習（「聞く」「話す」を中心に） 2. 存在・現象を述べる：存現文 持続を表す“着” ほか 3. 経験を語る：経験の“过” 変化の“了” ほか 4. 接続成分を用いた複文を学ぶ：複文（仮定） 複文（逆接） ほか 5. 比べてみる：比較の“比” 手段・方式を表す“着” ほか 6. 表現を豊かにする1：助動詞“想”“要”“打算”“应该” ほか 7. 表現を豊かにする2：主述述語文 “把”構文 “是～的”構文 連動文 ほか 8. 表現を豊かにする3：方向補語 可能補語 結果補語 依頼表現 禁止表現 ほか 9. 使役表現・受身表現を学ぶ：使役の“让” 受身の“被” ほか 10. 総合復習 応用問題 ほか <p>●Course Prerequisites and Related Courses 中国語3とともに履修すること。</p> <p>●Course Evaluation Method and Criteria 試験(70%)、平常点(30%)。平常点は授業への参加状況、授業態度で総合的に判断する。 授業時における教員のアナウンスに十分注意すること。履修取り下げは認めない。試験を受験しない場合、欠席扱いとなる。</p> <p>●Study Load(Self-directed Learning Outside Course Hours)</p> <ul style="list-style-type: none"> ・教科書の該当箇所を予習して授業に出席すること。 ・授業で扱った範囲の演習問題を課外学修で消化しておくこと。 ・教科書の本文・例文についてピンイン・声調を正しく発音できるように練習すること。 <p>●How to Respond to Questions 授業前後の休憩時間、NUCTのメッセージで対応する。</p>			
Textbook	『中国語ステップバイステップ』荒川清秀著（白水社）		
Reference Book	必要に応じて授業で紹介する。		

Spanish 4			
Undergraduate / Graduate	Undergraduate	Registration Code	0034506
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 5 (16:30~18:00)		
Instructor	P. Apaza		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course This course aims to help students acquire foreign language skills to enrich their knowledge of the world and enhance their cross-cultural understanding. The second-semester course focuses on the higher level of Spanish grammar necessary to develop communicative skills at a basic level.</p> <p>●Objectives of the Course</p> <ol style="list-style-type: none"> 1) スペイン語のより複雑な動詞活用（再帰動詞等）や完了，過去，未来といった時制の用法を理解し，身に着ける。 2) スペイン語のもう1つの法である接続法の用法を理解し，身に着ける。 3) 分詞構文や関係節などの複雑な構文の用法を理解し，身に着ける。 4) 過去や未来，接続法を用いて，スペイン語で簡単な会話ができる。 <p>●Course Content or Plan 第II期（1年秋学期）においても，同一の教材を用いて，スペイン語3とスペイン語4両科目2名の教員が連携して講義を行う形式をとるが，学習効果を高めるために，担当教員やTAが日本人であるか母語話者であるかといった条件に応じ，クラス毎に文法と説明，あるいは講読と応用練習といった，ある程度の役割分担を設ける。 第II期では動詞の語形変化の学習を過去や未来時制へ発展させ，再帰動詞や関係節，接続法などさらに進んだ文の構造を学ぶ。 主要な学習内容は以下の通りである。 第9課 再帰動詞 比較級と最上級、同等比較 義務の表現 第10課 過去分詞 現在完了 現在分詞 siを使った現実の条件文 第11課 点過去 第12課 線過去 関係詞 一般人称表現 *第12課の終了をめどに中間テストを実施する。 第13課 未来 過去未来 完了（過去完了） 不定語2 第14課 接続法現在 不定詞 第15課 命令法 接続法過去 反事実条件文 授業各回には予習が必須である。また各課の最後にある練習問題は授業時に答え合わせを行うので、適宜事前にやっておくこと。</p> <p>●Course Prerequisites and Related Courses この講義は月曜5限の西村教官とリレー式で行う。</p> <p>●Course Evaluation Method and Criteria</p> <ol style="list-style-type: none"> 1) 出席：原則として、欠席が3回を超えないこと（以下3点の前提条件）。 2) 中間テスト：40% 3) 期末試験：50% 他小テスト等を行う場合あり。 4) 平常点（授業時の課題・宿題等）：10% なお履修取り下げ制度を採用する。 <p>●Study Load(Self-directed Learning Outside Course Hours) 必要に応じて授業で示す。</p> <p>●How to Respond to Questions メールで連絡してください。</p>			
Textbook	志波彩子，西村秀人，水戸博之，渡辺有美『初級スペイン語教本 エクセレンテ!!!（第3版）』（朝日出版社、2015年1月初版）ISBN 978-4-255-55120-3 C1087		
Reference Book	西和辞書		

Korean 4			
Undergraduate / Graduate	Undergraduate	Registration Code	0034507
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Thu. / 5 (16:30~18:00)		
Instructor	LI Huimin		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(C・Au)・Ag(B)		
<p>●Goals of the Course Courses 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. This course is designed for new learners of Korean.</p> <p>●Objectives of the Course この授業は朝鮮・韓国語をはじめて学ぶ学生を対象としたものであり、朝鮮・韓国語の基礎の習得をねらいとする。授業を通じて、この言語の正しい発音を身に付け文字を読み書きできるようになるとともに、文法と会話の基礎を習得することを目指す。</p> <p>●Course Content or Plan 教科書の第6課以降を学習する。主な学習項目は以下の通りである。 ・存在の表現 ・へヨ形 ・数詞 ・過去形</p> <p>●Course Prerequisites and Related Courses 朝鮮・韓国語1・2を履修した者を対象とするが、相応の力があればこれらを履修していなくても構わない。ただし、受講申請時に担当教員に相談すること。</p> <p>●Course Evaluation Method and Criteria 小テスト・課題（30%）、期末試験（または期末課題）の成績（70%）。成績評価基準は、『全学教育科目の履修の手引き』を参照。履修取り下げ制度は採用せず、授業を4回以上欠席した場合の成績評価は「欠席」とする。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 教科書およびオンラインコンテンツにより、毎回の学習内容をよく復習すること。学習事項の確認のため、ほぼ毎回の授業のあとに、課題・小テストのいずれか（またはその両方）を課す。</p> <p>●How to Respond to Questions 授業時間中ないし授業の前後に質問するか、NUCT 上のフォーラム・メッセージ機能または電子メールで質問すること。</p>			
Textbook	金順玉・阪堂千津子『最新チャレンジ!韓国語』白水社 ISBN: 978-4-5600-1789-0		
Reference Book	辞書、参考書については、名古屋大学生協書籍部の「外国語学習のアドバイス」のページに紹介されている。 http://www.nucoop.jp/book/dictionary.html		

Calculus II			
Undergraduate / Graduate	Undergraduate	Registration Code	0055221
Course Category	Sciences Basic	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Fri. / 2 (10:30~12:00)		
Instructor	RICHARD Serge		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>●Goals of the Course Analysis is the field of mathematics that describes and analyzes quantitative changes, and the central methods are differential and integral calculus. These methods are essential techniques in natural science, and have recently found increasing applications also in social sciences.</p> <p>●Objectives of the Course The aim of the second half of this one-year course is to provide a solid understanding of functions of several real variables. The students will become familiar with the various tools necessary for the analysis of such functions.</p> <p>●Course Content or Plan The basic notions related to the study of functions of several variables, as for example: partial derivatives, maximum and minimum, implicit functions theorem, multiple integrals, change of variables, Jacobian matrix, surface and line integrals. Some elements of vector calculus will also be introduced.</p> <p>●Course Prerequisites and Related Courses Some notions on functions of one variable, as seen in Calculus I. A basic knowledge of linear algebra will be an asset. It is strongly encouraged to attend the Mathematics Tutorial 2a which is linked to this course.</p> <p>●Course Evaluation Method and Criteria The final grade will be determined by quizzes (30%), the midterm (30%) and a final exam (40%). The grading scale will be A+, A, B, C, C-, F. It is necessary to submit a Course Withdrawal Request Form when the student has no intention of finishing the course during the semester.</p> <p>●Study Load(Self-directed Learning Outside Course Hours) Students are expected to read their notes, and to be familiar with the content of the lectures of Calculus II before each tutorial sessions.</p> <p>●How to Respond to Questions By email. Look also at the related website http://www.math.nagoya-u.ac.jp/~richard/spring2021.html</p>			
Textbook	Free reference books and lecture notes will be available on the website of the course		
Reference Book	Free reference books and lecture notes will be available on the website of the course		

Health and Sports Science: Practicum (Exercise and Sports I)

Undergraduate / Graduate	Undergraduate	Registration Code	0055321
Course Category	Basic GE, Sports	Credits	1.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Fri. / 3 (13:00~14:30)		
Instructor	AKIMA Hiroshi		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(C·Au)·Ag(B)		

●Goals of the Course

This course promotes communication and leadership abilities through sports by teaching students how to manage their own health, while training them in the basic skills required for a lifetime of physical activity.

●Objectives of the Course

The objectives of this class are to emphasize the development of fundamental Association Football (Soccer) skills, and knowledge of game rules and tactics. The students are expected to deepen their understanding of the ways, meanings, and values about moving their body and communicating with others.

●Course Content or Plan

1. An orientation session for incoming freshmen.
2. An orientation session for soccer class.
3. Fundamental skill training & small sided game.
4. Adapted skill training & bigger games.
5. Team offensive & defensive tactics.

●Course Prerequisites and Related Courses

The students' success in this class is extremely dependent on their ACTIVE participation and ON TIME attendance. The students are expected come to class ON TIME and READY to participate. The students missing more than **FOUR** classes for any reason (excused or unexcused) will fail the course. Any students who are disruptive, disrespectful, or not putting their effort into the class will also fail the course or have their attendance/participation grade reduced.

Orientation Class

The students MUST attend the first orientation class and BRING their photo (3x4 cm) for incoming freshmen. The details of this course will be explained in the first session. It is desirable that students should preparation to learn about basic rules and skills required in playing of soccer.

Dress Code and Equipment

Comfortable sportswear and soccer shoes or athletic shoes MUST be worn. If the appropriate attire is not worn to this class, attendance will not be counted. As soccer frequently requires hitting the ball with the head, the use of glasses should be avoided as much as possible. The students who do not have enough clear eyesight, the use of contact lens is strongly recommended.

Weather Condition

The class will proceed even in rain using indoor facilities. However, the drainage of the ground is very good, so if it is not raining, there is a high probability that classes will be held on the field.

Please find the notice for students announcing the place changed when bad field condition.

●Course Evaluation Method and Criteria

Evaluated by the ATTENDANCE and active participation (70%), soccer skills and knowledge (20%), and communication skills and leadership (10%). The students missing more than **FOUR** classes for any reason (excused or unexcused) will fail the course. Any students who are disruptive, disrespectful, absent from class many times, or not participating fully in the class will also fail the course or have their attendance/participation grade reduced.

The course withdrawal system is available in this class. If students want to withdraw from this class, they need to submit a Course Withdrawal Request Form to the instructor before the end of the 4th class (including the first orientation class). In principle, instructors may not give students a grade of "Withdrawal" without the submission of the Course Withdrawal Request Form. However, in the case of an avoidable reason, such as sickness, accident, or no school attendance, the instructor may give a grade of "Withdrawal" based on their

judgment.

● **Study Load(Self-directed Learning Outside Course Hours)**

These moves will be help for improve your soccer skills.

How to juggling a soccer ball

<https://www.youtube.com/watch?v=SzZ7EcqI-sg>

How to kick a soccer ball-three basic kicks for soccer

<https://www.youtube.com/watch?v=17ZrGdbGdIQ>

How to shoot with power

https://www.youtube.com/watch?v=uTCLJ4_i8o0

Dribbling drills

<https://www.youtube.com/watch?v=Sdv6Y1tqE4U>

● **How to Respond to Questions**

Please use email to contact the instructor. My email address is [REDACTED].

Textbook	The website about soccer will be introduced in class if necessary.
Reference Book	If necessary, the book will be introduced in class.

Introduction to modern East Asian history			
Undergraduate / Graduate	Undergraduate	Registration Code	0075382
Course Category	Open	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Fri. / 3 (13:00~14:30)		
Instructor	HOPSON Nathan edwin		
Contact e-mail of the Instructor			
Target Schools (Programs)	La(S)·Ec(S)·Sc(P·C·B)·En(C·Au)·Ag(B)		
For information on syllabus, please refer to the School of Humanities's one.			

Special Lecture (Studium Generale II)			
Undergraduate / Graduate	Undergraduate	Registration Code	0055521
Course Category	InterD Liberal	Credits	2.0
Term (Semester) / Day / Period	G-II (1st year, Spring Semester) / Fri. / 5 (16:30~18:00)		
Instructor	VASSILEVA Maria		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>●Goals of the Course Studium Generale offers exposure to various academic topics presented in an accessible way. It provides an opportunity to explore topics outside one's major or research field.</p> <p>●Objectives of the Course Students will increase their understanding and appreciation of a wide range of scientific fields, as well as business, careers and arts topics. Students will have an opportunity to engage in discussions and cross-cultural communication with participants from other majors and countries. Students develop these competencies while using English language.</p> <p>●Course Content or Plan Course format: 1. Discussions sessions 2. Lectures by invited speakers 3. Team project (poster presentation) 4. Final discussion Each lecture is different, given by invited speakers from Nagoya University or elsewhere. Variety of topics: social sciences, natural sciences, arts, business, career, etc. Topics for each semester to be announced on the course NUCT and Canvas website.</p> <p>NOTE: The course content is provided as recorded, on-demand lectures. Classes are conducted online. Class time is used for discussions on the lecture content. If the epidemic situation permits, the team projects will be conducted on campus, in person.</p> <p>●Course Prerequisites and Related Courses No prerequisites - anyone is welcome! Related courses: Studium Generale I</p> <p>●Course Evaluation Method and Criteria Course grade is based on (1) class attendance, (2) written reports and (3) team project. Short written reports are submitted at the end of every class. Absent grade: submit Withdrawal Form, at any time.</p> <p>●Study Load(Self-directed Learning Outside Course Hours) Lectures are recorded and available on-demand, students are expected to watch the lecture video before attending class to discuss the content. Assignments (reports) completion will require lecture review and may involve small independent online research.</p> <p>●How to Respond to Questions Contact course manager by e-mail</p>			
Textbook	No textbook is required for this course		
Reference Book	None		

Fundamentals of Physics IV			
Undergraduate / Graduate	Undergraduate	Registration Code	0051222
Course Category	Sciences Basic	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Mon. & Wed. / 2 (10:30~12:00)		
Instructor	GELLOZ Bernard Jacques		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Sc(P·C·B)·En(P·C·Au)·Ag(B)		
<p>●Goals of the Course This is the last of a series of four courses that cover the fundamentals of physics. It focuses on mechanical and electromagnetic waves, as well as optics.</p> <p>●Objectives of the Course Both conceptual understanding and problem solving will be emphasized. Some applications will also be discussed. Understanding waves and optics is important as preparation for more advanced subjects, for example in quantum mechanics, chemistry, and engineering.</p> <p>●Course Content or Plan - Review of mechanical oscillations (part of chapter 15) - Short introduction to electromagnetic oscillations (part of chapter 30) - Fundamentals of waves and mechanical waves (chapter 15) - Introduction to Maxwell's equations (part of chapter 32) - Electromagnetic waves (chapter 33) - Images (geometrical optics) (part of chapter 34) - Optical interference (chapter 35) - Introduction to optical diffraction (part of chapter 36)</p> <p>●Course Prerequisites and Related Courses Fundamentals of Physics I & II are prerequisites. Concurrent registration for <i>Fundamentals of Physics III</i> is required. Registration for <i>Fundamentals of Physics Tutorial IIb</i> is recommended (if you not passed it yet) as it serves as tutorial for this course.</p> <p>●Course Evaluation Method and Criteria Need to submit a Course Withdrawal Request Form when students have no intention of finishing a course during the semester. Deadline for submitting this request is just before the final examination. Weightage of course components: Class attendance: 10%; Intermediate tests: 40%; Final test: 50%</p> <p>●Study Load (Self-directed Learning Outside Course Hours) With two lectures and a tutorial (if you register for it) per week, it is important to work regularly and immediately clear any misunderstanding in order to do well in the course and tutorial. There are weekly online assignments, which may take the student about 2 hours to complete depending on student ability and topic.</p> <p>●How to Respond to Questions Please use email to contact teachers and Teaching Assistants if you have any questions outside class. In class, students may ask questions at any time.</p>			
Textbook	Fundamentals of Physics Extended 10th Edition International Student Version with WileyPLUS Set (John Wiley & Sons, 2010 ISBN-13: 978-1118230725)		
Reference Book	Feynman Lectures On Physics (Vol. 2) by Richard Phillips Feynman (Pearson P T R)		

Market Economy and Society

Undergraduate / Graduate	Undergraduate	Registration Code	0051341
Course Category	Arts Liberal	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Mon. / 3 (13:00~14:30)		
Instructor	MARTIN RODRIGUEZ Maria		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)		

●Goals of the Course

This course aims to sharpen the students' understanding of the world around them by highlighting how the laws and regulations can have "unexpected" effects, and how the reaction of the agents to the laws and regulations also depends on the social dynamics.

●Objectives of the Course

At the end of the course, students will be able to spot the economic effects of public policies such as minimum wages, taxes and economic integration; to grasp the economic implications of social phenomena like migrations and the gender division of labor; to understand the various ways of measuring poverty; and to recognize the consequences of climate change on the welfare of different social groups.

●Course Content or Plan

1 (April 12)	Introduction
2 (April 19)	The Minimum Wage
3 (April 26)	Taxes
4 (May 10)	Economic Integration
5 (May 17)	Immigration
6 (May 24)	Gender Division of Labor
7 (May 31)	Poverty
8 (June 7)	Pollution and Climate Change
9 (June 14)	Class Presentation
10 (June 21)	Class Presentation
11 (June 28)	Class Presentation
12 (July 5)	Class Presentation
13 (July 12)	Class Presentation
14 (July 19)	Review
15 (July 26)	<i>FINAL SUMMARY AND FINAL EVALUATION.</i>

●Course Prerequisites and Related Courses

There are no prerequisites.

●Course Evaluation Method and Criteria

- Individual class presentation (30%) and final evaluation (70%). Students must obtain a minimum score of 6/10 in each evaluation element to pass the course.
- Students can withdraw from this course if they submit a request before May 24th.
- If a student skips 4 lectures or more, their grade will be "Absent."

●Study Load(Self-directed Learning Outside Course Hours)

Students must check the slides posted on NUCT every week before coming to the lecture.

•How to Respond to Questions

Students can submit their questions through NUCT. If necessary, it is possible to arrange face-to-face office hours upon request.

Textbook

Textbooks are not required. Materials will be provided through NUCT.

Reference Book

Reference books are not required.

Academic Japanese (Reading & Writing) V			
Undergraduate / Graduate	Undergraduate	Registration Code	0051441
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Mon. / 4 (14:45~16:15)		
Instructor	TOKUHIRO Yasuyo		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(P·C·Au)·Ag(B)		
<p>Academic Japanese (Reading & Writing) V [Kanji 2200]</p> <p>●Goals of the Course This course aims to help students build an advanced knowledge of kanji so they can understand and use 2,200 kanji and kanji vocabulary.</p> <p>●Objectives of the Course Participants learn about 2,200 kanji and kanji words listed by frequency. To increase vocabulary, every class students take a reading test and, optionally, a writing test (240-640 words with 80 kanji). It is followed by the instructor lecturing on topics related to kanji, including the rules of Japanese kanji pronunciation, the rules of kanji transitive/intransitive verbs and passive/causative forms.</p> <p>●Course Content or Plan (will not appear on the syllabus booklet but on our website) http://ocw.nagoya-u.jp/index.php?lang=ja&mode=c&id=441&page_type=syllabus This course is conducted online interactively.</p> <p>●Course Prerequisites and Related Courses Participants should already know about 600-800 kanji.</p> <p>●Course Evaluation Method and Criteria Attendance: 30%, Participation: 20%, Kanji tests: 50%</p> <p>●Study Load (Self-directed Learning Outside Course Hours) Students' homework is to learn 80 kanji and 240-640 words every week.</p> <p>●How to Respond to Questions Respond to questions by email or during class.</p>			
Textbook	『日本語学習のための よく使う順 漢字 2 2 0 0』 三省堂 2,500 円+税 ISBN978-4-385-14074-2		
References	https://ocw.nagoya-u.jp/index.php?lang=ja&mode=c&id=441&page_type=materials		

Intermediate Korean 1			
Undergraduate / Graduate	Undergraduate	Registration Code	0072101
Course Category	Basic GE, Language II	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Tue. / 1 (8:45~10:15)		
Instructor	UTSUGI Akira		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(P·C·Au)·Ag(B)		
<p>●Goals of the Course Courses 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. This course is designed for intermediate learners of Korean.</p> <p>●Objectives of the Course 朝鮮・韓国語の初級文法をすでに習得した学生を対象とし「習う朝鮮・韓国語から使う朝鮮・韓国語」を指向する科目である。さらに高度な文法的知識を得ると同時に、生の朝鮮・韓国語に実践的に対応できるような運用能力を養う。</p> <p>●Course Content or Plan この授業では、教科書の後半を2回～3回で1課のペースで進めていく。主な学習項目は以下の通りである。 ・変則用言 ・試みの表現 ・許可と禁止の表現</p> <p>●Course Prerequisites and Related Courses 言語文化 I の朝鮮・韓国語（1～4）を履修した者を対象とするが、相応の力があればこれらを履修していなくても構わない。ただし、受講申請時に担当教員に相談すること。</p> <p>●Course Evaluation Method and Criteria 小テスト・課題（30%）、期末試験または期末課題の成績（70%）。成績評価基準は、『全学教育科目の履修の手引き』を参照。履修取り下げ制度は採用せず、授業を4回以上欠席した場合の成績評価は「欠席」とする。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 毎回の学習内容をよく復習すること。学習事項の確認のため、ほぼ毎回の授業のあとに、課題・小テストのいずれか（またはその両方）を課す。</p> <p>●How to Respond to Questions 授業時間中ないし授業の前後に質問するか、NUCT 上のフォーラム・メッセージ機能または電子メールで質問すること。</p>			
Textbook	長谷川由起子・張コンヒャン『コミュニケーション韓国語 聞いて話そう II』（白帝社） ISBN: 978-4-86398-210-9 （電子教科書または紙媒体の教科書）		
Reference Book	辞書、参考書については、名古屋大学生協書籍部の「外国語学習のアドバイス」のページに紹介されている。 http://www.nucoop.jp/book/dictionary.html		

Perspectives in Mathematical Science III			
Undergraduate / Graduate	Undergraduate	Registration Code	0072481
Course Category	Open	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Tue. / 4 (14:45~16:15)		
Instructor	HESSELHOLT Lars, KIMURA Yoshifumi, HAMANAKA Masashi		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·En(P·C·Au)·Ag(B)		
For information on syllabus, please refer to the School of Science's one.			

Academic Japanese (Listening & Presentation) II			
Undergraduate / Graduate	Undergraduate	Registration Code	0052641
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Tue. / 6 (18:15~19:45)		
Instructor	HAJIKANO Are		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(P・C・Au)・Ag(B)		
<p>●Goals of the Course This class introduces the fundamentals of academic presentation and the basic skills for listening academic lectures of Japanese language to students taking this course. In this semester, the class will be basically conducted by on-line.</p> <p>●Objectives of the Course In this course, students will build on the skills learned in Academic Japanese (Listening Comprehension and Oral Expression) 1 and acquire listening comprehension skills for longer audio segments, and make simple academic presentations. Class materials are designed for intermediate students.</p> <p>●Course Content or Plan</p> <ul style="list-style-type: none"> • Prepare and perform four or five short speeches <ul style="list-style-type: none"> -talking about your experience (-reporting the result of interview) -expressing your opinion -talking about your major Other topics will be informed in the class. • Listening comprehension practice <p>●Course Prerequisites and Related Courses This course is recommended for students who have completed Academic Japanese (Listening & Presentation) I. Students must maintain course attendance rates of 80% or higher and are required to submit all the speech drafts and take mid-term and final examinations. Those who fail to meet these requirements will not earn credits. Students need to submit a Course Withdrawal Request Form when students have no intention of finishing a course during semester.</p> <p>●Course Evaluation Method and Criteria Attendance: 30%, Class Participation: 30%, Midterm Examination (presentation & listening comprehension): 20%, Final Examination (presentation & listening comprehension): 20%</p> <p>●Study Load (Self-directed Learning Outside Course Hours) Students are required to prepare the outline and the script of each speech and practice for the presentation in the class. Students must submit the homework (speech outline, draft, listening worksheet etc.)</p> <p>●How to Respond to Questions By e-mail</p>			
Textbook	Materials will be informed in class if necessary		
Reference Book	『留学生のためのアカデミック・ジャパニーズ聴解 [中上級]』スリーエーネットワーク		

Academic Japanese (Listening & Presentation) IV

Undergraduate / Graduate	Undergraduate	Registration Code	0052642
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Tue. / 6 (18:15~19:45)		
Instructor	KATO Jun		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(P·C·Au)·Ag(B)		

●Goals of the Course

In this course, students learn the fundamentals of academic presentation and acquire skills of giving presentations in Japanese.

●Objectives of the Course

At the end of the lecture, students are to

- (i) be able to give a presentation in an appropriate expression and style of the academic situation.
- (ii) be able to ask a question appropriately and give an answer definitely regarding question.

●Course Content or Plan

The semester will cover the latter half of the textbook as following:

- Lesson 1: Review and exercises -part 1.
- Lesson 2: Review and exercises -part 2.
- Lesson 3: Listening practices / making an outline of the presentation -part 1.
- Lesson 4: Listening practices / making an outline of the presentation -part 2.
- Lesson 5: Discussion1.
- Lesson 6: Discussion2.
- Lesson 7: Interim summary and evaluation.
- Lesson 8: Listening practices / making an outline of the presentation -part 3.
- Lesson 9: Listening practices / making an outline of the presentation -part 4.
- Lesson 10: Listening practices / making an outline of the presentation -part 5.
- Lesson 11: Listening practices / making an outline of the presentation -part 6.
- Lesson 12: Student presentation -part 1.
- Lesson 13: Student presentation -part 2.
- Lesson 14: Review and discussion.
- Lesson 15: Summary and evaluation.

●Course Prerequisites and Related Courses

Class materials are designed for advanced students.

In this semester the latter half of the designated textbook is mainly used. It is desirable that you have already taken Academic Japanese L & P III, but it is possible to take this course without it.

●Course Evaluation Method and Criteria

Students who need the course credits are required to meet the following conditions:

Mid-term quiz 20% Presentation and self-assessment check 30% Final exam 20% Participation and Portfolio 30% TOTAL 100%

*It will be graded following the 5-step S-A-B-C-F grade evaluation system.

*It is necessary to submit a Course Withdrawal Request Form when requesting course withdrawal.

*Students can withdraw from this course if they submit a request by the end of May.

*If a student is absent from classes more than 4 times, his or her grade will be "Absent."

●Study Load(Self-directed Learning Outside Course Hours)

In each class, students are required to do a 3 sentences speech.

Students must prepare for presentations outside of the class hours, and submit self-assessments after their presentation.

●How to Respond to Questions

You can contact the instructor through Message function on NUCT or directly contact at the e-mail address.

Textbook	『アカデミック・スキルを身につける 聴解・発表ワークブック』スリーエーネットワーク, "Academic Skill wo minitsukeru Choukai / Happyou Workbook" 3A Network, 2007.(ISBN: 978-4883194261) *Students are required to prepare for the textbook by the second lesson.
Reference Book	To be informed in class.

Intermediate Chinese 1			
Undergraduate / Graduate	Undergraduate	Registration Code	0073301
Course Category	Basic GE, Language II	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Wed. / 3 (13:00~14:30)		
Instructor	LIU Xin		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(P·C·Au)·Ag(B)		
<p>●Goals of the Course Courses 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.</p> <p>●Objectives of the Course 中国語の基礎力を固め、応用力を伸ばすことを目指す。一年次に学んだ基本的な文法事項を確認し、練習問題等を通して定着させ、平易な文章を読解する力、辞書を活用してやや難度の高い文章を自力で読解する力を養う。同時に、言語の背景にある中国の文化・社会についての理解を深めていく。</p> <p>●Course Content or Plan この授業は中国語の初級文法をすでに習得した学生を対象とし、「習う中国語から使う中国語」を指向する。さらに高度な文法的知識を得ると同時に、生の中国語に実践的に対応できるような運用能力を養成する。したがって、口頭表現力、聴解力を養成するため、できるだけ中国語を使うようにしたい。言語文化科目Ⅰ、初級中国語に引き続き、さらに中国語世界の理解を深めていきたい。</p> <p>●Course Prerequisites and Related Courses 中国語または中国に対して興味を持ち、且つ学習意欲が旺盛であること。 中国語の初級（発音・文法事項等）を習得していること。</p> <p>●Course Evaluation Method and Criteria 原則としてレポート(70%)及び平常点(30%)による。 授業時における教員のアナウンスに十分注意すること。履修取り下げは認めない。試験を受験しない場合、欠席扱いとなる。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 必要に応じて授業で紹介する</p> <p>●How to Respond to Questions 必要に応じて授業で紹介する</p>			
Textbook	随時、プリント教材を配布する。		
Reference Book	必要に応じて授業で紹介する。		

Introduction to Chemical and Biological Industries			
Undergraduate / Graduate	Undergraduate	Registration Code	0073381
Course Category	Open	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Wed. / 3 (13:00~14:30)		
Instructor	SAWABE Kyoichi		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·Ag(B)		
For information on syllabus, please refer to the School of Engineering's one.			

Intermediate Spanish 1			
Undergraduate / Graduate	Undergraduate	Registration Code	0073401
Course Category	Basic GE, Language II	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Wed. / 4 (14:45~16:15)		
Instructor	MIYASHITA Katsuko		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(P・C・Au)・Ag(B)		
<p>●Goals of the Course The aim of this course is to help students acquire the necessary skill of Spanish language as a study tool of their specialized field and knowledge needed to deepen the understanding of different cultures.</p> <p>●Objectives of the Course At the end of the course, participants are expected to acquire the comprehensive skill of reading, composition and conversation, needed to communicate with Spanish speaking people and to obtain the ability to understand their culture.</p> <p>●Course Content or Plan テキストに沿って授業を進める。 「第一課 Quise abrirla, pero nopude」点過去の活用を復習し、点過去で書かれた文章を読み、理解し、設問に答える。 「第二課 La tatarabuela se vistió de hombre para ---」点過去を用いた、さらに長い文章を読む。また、同じく点過去を用いた会話文を読み、それについての質問に答える。 「第三課 Era guapa, inteligente y divertida」線過去の復習をする。線過去を用いて「描写」と「習慣」を表す表現を読んだり、作文したりする。 「第四課 Como estaba muy cansada, me dormí」 三課に続いて線過去の復習をする。点過去との違いを文章を読みながら学ぶ。porque, comoなどで文章をつなぐ表現、再帰動詞を使った「相互再帰」を使えるようにする。 「第五課 ¿Quéte pasa?」体調について尋ねたり答えたりする表現を復習し、練習する。 「第六課 ¿Qué están haciendo?」現在進行形の復習をし、練習する。最上級、関係詞、依頼の表現とそれに対する答え方を練習する。それぞれの課の終わりにテーマを決めて自由に作文する練習をする。これに加えて、簡単な読み物を読む。線過去、点過去、現在完了、過去完了、seの用法、接続法現在、未来、過去未来、接続法過去、接続法過去完了といった文法的要素を、それぞれの読み物で復習し、使い方を文章を読みながら確認する。</p> <p>●Course Prerequisites and Related Courses 初級文法を終えていれば、誰でも履修できます。</p> <p>●Course Evaluation Method and Criteria 授業で学んだことを成果として表現する。(40%) 学習に取り組む姿勢。(30%) 課題提出の履行とその内容の充実度。(30%) 最後に、試験に相当するレポートの提出を求める。履修取り下げの際は届を提出する。届の提出も課題の提出もなく出席が足りない場合、評価を「F」とする。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 中級スペイン語文法 山田善郎 白水社 Cuéntame, 8 historias para disfrutar aprendiendo español. 「クエンタメ」朝日出版社 2017年</p> <p>●How to Respond to Questions 対面授業でない場合、メールにて質問を受ける。</p>			
Textbook	¡Nos gusta! 2(Gramática para hablar) (発見！大好き！！スペイン語！！ 2) 朝日出版社 ピラル・ラゴ、コンチャ・モレノ、落合佐枝 著 読み物に関しては、必要な時に、教員が準備する。		
Reference Book	初級文法修学時に用いた教科書 Excelente 水戸博之著 同学社 ISBN 978-4-255-55071-8 C1087		

Business Japanese II			
Undergraduate / Graduate	Undergraduate	Registration Code	0053641
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Wed. / 6 (18:15~19:45)		
Instructor	KATO Jun		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(P·C·Au)·Ag(B)		
<p>●Goals of the Course In this course, students will learn Japanese expressions such as honorific language considered essential knowledge for business people in Japan. Students also 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.</p> <p>●Objectives of the Course At the end of the lecture, students are to (i) understand Japanese business culture. (ii) be able to use appropriate expressions which are used for building better relationship in working situation. (iii) understand the system of honorific language and be able to use honorifics properly.</p> <p>●Course Content or Plan The semester will cover the latter half of the textbook as following:</p> <p>Lesson 1: Review on polite forms, formal expressions, and business manners. Lesson 2: Inviting -part 1. Lesson 3: Inviting -part 2. Lesson 4: Telephoning -part 1. Lesson 5: Telephoning -part 2. Lesson 6: Presentation 1. Lesson 7: Review. Lesson 8: Interim summary and evaluation. Lesson 9: Appointments -part 1. Lesson 10: Appointments -part 2. Lesson 11: Proposals and offers of help -part 1 Lesson 12: Proposals and offers of help -part 2. Lesson 13: Presentation 2. Lesson 14: Presentation 3. Lesson 15: Summary and evaluation.</p> <p>●Course Prerequisites and Related Courses Class materials are designed for intermediate students. In this semester the latter half of the designated textbook is mainly used. It is desirable that you have already taken Business Japanese I, but it is possible to take this course without it.</p> <p>●Course Evaluation Method and Criteria Students who need the course credits are required to meet the following conditions: Mid-term quiz 20% Quizzes 10% Role-play and Presentation 20% Final exam 20% Participation 30% TOTAL 100% *It will be graded following the 5-step S-A-B-C-F grade evaluation system. *It is necessary to submit a Course Withdrawal Request Form when requesting course withdrawal. *Students can withdraw from this course if they submit a request by the end of May. *If a student is absent from classes more than 4 times, his or her grade will be "Absent."</p> <p>●Study Load(Self-directed Learning Outside Course Hours) Students are required to read textbooks as a preparation before each lesson.</p>			

There will be a quiz in each lesson, students need to submit it through NUCT.

Throughout the course, students are expected to participate actively in class activities. Students must prepare for presentations and role-plays of each lesson outside of the class hours, and submit self-assessments after your presentation.

●How to Respond to Questions

You can contact the instructor through Message function on NUCT or directly e-mail to the address put above.

Textbook	『新装版 ビジネスのための日本語』スリーエーネットワーク, "Shinsoban, business no tame no nihongo," 3A Corporation, 2006. (ISBN: 978-4883194018) * Students are required to prepare for the textbook by the second lesson.
Reference Book	『中級レベル ロールプレイで学ぶビジネス日本語—就活から入社まで—』スリーエーネットワーク, 2018. (ISBN: 978-4883197705) 『初級が終わったら始めよう 新にほんご敬語トレーニング』アスク, 2014. (ISBN: 978-4-87217-856-2)

Special Mathematics Lecture (Introduction to probability)			
Undergraduate / Graduate	Undergraduate	Registration Code	0053621
Course Category	Science Basic	Credits	2.0
Term (Semester) / Day / Period	G-II / G-IV (1st & 2nd year, Spring Semester) / Wed. / 6 (18:15~19:45)		
Instructor	RICHARD Serge		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(C·Au)·Ag(B)		
<p>●Goals of the Course Probability is playing an essential role in many research fields, and in particular for describing complex systems. Our goal is to provide the necessary background information for understanding the use and the power of probability. The presentation will be accessible to all students, independently of their major.</p> <p>●Objectives of the Course Study the basic abstract theory of probability, and discuss some applications according to the interest and to the motivation of the students.</p> <p>●Course Content or Plan Very tentative program: Basic definitions Discrete random variables Multivariate discrete distribution Probability generating function Distribution function and density function Multivariate distribution and independence Moments and moment generating functions The main limit theorems Large deviation, branching process 1D random walk Random process in continuous time Discrete time Markov chains Continuous time Markov chains</p> <p>●Course Prerequisites and Related Courses Basic knowledge on calculus and linear algebra, as provided in Calculus I & II and in Linear algebra I & II. Motivated 1st year students can also attend without these prerequisites but after a discussion with the instructor.</p> <p>●Course Evaluation Method and Criteria The final grade will be based on the active participation during the lectures and on some written reports. Students will be encouraged to work on applications related to their major during the semester.</p> <p>●Study Load(Self-directed Learning Outside Course Hours) Students are expected to read their notes, and to be familiar with the content of the previous lectures before each new lecture.</p> <p>●How to Respond to Questions By email. Look also at the related website: http://www.math.nagoya-u.ac.jp/~richard/SMLspring2021.html</p>			
Textbook	Free textbooks will be provided during the lectures		
Reference Book	Free reference books will be provided during the lectures		

Intermediate French 1			
Undergraduate / Graduate	Undergraduate	Registration Code	0074501
Course Category	Basic GE, Language II	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Thu. / 5 (16:30~18:00)		
Instructor	ARAI Misako		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(P・C・Au)・Ag(B)		
<p>●Goals of the Course Courses 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.</p> <p>●Objectives of the Course フランス語力を基礎から次段階へ高めるべく、読解力、表現力、聴解力を一層伸ばし、運用力を向上させる。また、フランス語圏の社会・文化に対する理解をより深める。</p> <p>●Course Content or Plan 学部1年次の必修科目「フランス語1~4」の既習を前提に、「読む、書く、話す、聞く」それぞれの力をバランスよく培いながら、フランス語の運用力向上を目指す。 授業では、初級テキストに掲載されていたよりも長く、まとまった文章を読み、それに関する質疑応答や要約文を作成したり、日常生活の様々な場面における会話の練習をする予定である。 教材は、受講者に共通の既習テキスト（例『Spirale』）があれば、それを適宜利用することも検討している。</p> <p>●Course Prerequisites and Related Courses 学部1年次必修の「フランス語1~4」における学習内容を理解していることが求められる。独学等、左記以外によるフランス語既習者の履修相談希望があれば、初講で受け付ける。</p> <p>●Course Evaluation Method and Criteria 平常点（50％）ならびに学期末試験（50％）。履修取り下げ制度は採用しない。 学期末試験受験者＝A+、A、B、C、C-、Fのいずれかの評価とする。 学期末試験欠席者＝「W（欠席）」とする。 特段の配慮を要しない理由による欠席や大幅な早退・遅刻が5回以上の場合、学期末試験の受験は不可とする。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 予習、復習、宿題。試験の前等に「まとめて」復習＝試験準備をするのではなく、毎回の授業に沿って、少しずつ理解を進めていくことが効率的で確実な修得につながるはずである。</p> <p>●How to Respond to Questions 毎回の授業時はじめ、随時。</p>			
Textbook	プリント他を予定。		
Reference Book	授業中適宜指示する。		

Academic Japanese (Reading & Writing) II			
Undergraduate / Graduate	Undergraduate	Registration Code	0054641
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Thu. / 6 (18:15~19:45)		
Instructor	TOKUHIRO Yasuyo		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(P·C·Au)·Ag(B)		
<p>●Goals of the Course This course aims to help students gain the fundamental skills to read and compose analytical and longer texts.</p> <p>●Objectives of the Course In this course, students will build on the skills learned in Academic Japanese (Textual Comprehension and Textual Expression) 1. They will gain the fundamental skills to read and compose analytical and longer texts. It will also cover intermediate-level vocabulary, grammar, and Japanese characters.</p> <p>●Course Content or Plan</p> <ol style="list-style-type: none"> 1. Reading comprehension 1, Introduction 2. Writing essay 1, Introduction 3. Reading comprehension 2, Submit Essay 1-1 4. Writing essay 2, Vocabulary quiz 1 5. Reading comprehension 3, Submit Essay 1-2, 2-1 6. Writing essay 3, Vocabulary quiz 2 7. Reading comprehension 4, Submit Essay 2-2, 3-1 8. Writing essay 4, Vocabulary quiz 3 9. Reading comprehension 5, Submit Essay 3-2, 4-1 10. Writing essay 5, Vocabulary quiz 4 11. Reading comprehension 6, Submit Essay 4-2, 5-1 12. Writing essay 6, Vocabulary quiz 5 13. Reading comprehension 7, Submit Essay 5-2 14. Writing essay 7, Vocabulary quiz 6 15. Review and Summary, Exam <p>This course is conducted online interactively.</p> <p>●Course Prerequisites and Related Courses It is recommended that students have completed Academic Japanese (Textual Comprehension, Textual Expression)1. Class materials are designed for higher-level intermediate students.</p> <p>●Course Evaluation Method and Criteria Attendance 20%, Participation 20%, Compositions 40%, Exam 20%</p> <p>●Study Load (Self-directed Learning Outside Course Hours) Students' homework is to write essays and learn words.</p> <p>●How to Respond to Questions Respond to questions by email or during class.</p>			
Textbook	『大学・大学院 留学生の日本語①読解編』アルク 1,600 円+税 "Daigaku-Daigakuin Ryugakusei no Nihongo (1) Dokkaihen," Alc KK, ISBN978-4-7574-2631-3 『大学・大学院 留学生の日本語②作文編』アルク 1,600 円+税 "Daigaku-Daigakuin Ryugakusei no Nihongo (2) Sakubunhen," Alc KK ISBN978-4-7574-2632-0		
Reference Book			

Academic Japanese (Reading & Writing) IV

Undergraduate / Graduate	Undergraduate	Registration Code	0054642
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Thu. / 6 (18:15~19:45)		
Instructor	KATO Jun		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(P·C·Au)·Ag(B)		

●Goals of the Course

In this course, students will build on the skills learned in Academic Japanese (Reading & Writing) III and acquire fundamental skills to read academic dissertations and articles, as well as write reports and dissertations related to their research. At the end of the semester, students will write a longer report on a topic of interest. This course is recommended for students who have completed Academic Japanese (Reading & Writing) III.

●Objectives of the Course

At the end of the lecture, students are to

- (i) be able to write a brief summary of articles.
- (ii) understand how to write a good paragraph.
- (iii) to be able to write a logical short essay of around 1,200 characters.

●Course Content or Plan

The semester will cover the latter half of the textbooks as following:

- Lesson 1: Reading exercises -part 1.
- Lesson 2: Writing exercises -part 1.
- Lesson 3: Reading exercises -part 2 / writing a brief summary of an article -part 1.
- Lesson 4: Writing exercises -part 2.
- Lesson 5: Writing exercises -part 3.
- Lesson 6: Reading exercises -part 3 / writing a brief summary of an article -part 2.
- Lesson 7: Interim summary and evaluation.
- Lesson 8: Reading an academic dissertation -part1. / writing a paragraph -part1
- Lesson 9: Reading an academic dissertation -part2. / writing exercises -part 4.
- Lesson 10: Reading an academic dissertation -part3. / writing a paragraph -part2
- Lesson 11: Reading an academic dissertation -part4. / writing exercises -part 5.
- Lesson 12: Reading an academic dissertation -part5. / writing a paragraph -part3
- Lesson 13: Review paragraphs / writing exercises -part 6.
- Lesson 14: Review.
- Lesson 15: Summary and evaluation.

●Course Prerequisites and Related Courses

Class materials are designed for advanced students.

In this semester the latter half of the designated textbooks are mainly used. It is desirable that you have already taken Academic Japanese R & W III, but it is possible to take this course without it.

●Course Evaluation Method and Criteria

Students who need the course credits are required to meet the following conditions:

Mid-term quiz 20% Essay 30% Final exam 20% Participation 10% Practice 20% TOTAL 100%

*It will be graded following the 5-step S-A-B-C-F grade evaluation system.

*It is necessary to submit a Course Withdrawal Request Form when requesting course withdrawal.

*Students can withdraw from this course if they submit a request by the end of May.

*If a student is absent from classes more than 4 times, his or her grade will be "Absent."

●Study Load(Self-directed Learning Outside Course Hours)

It is strongly recommended to read textbook and check vocabulary and expressions before each lesson. Students must submit a report about the subject assigned in class.

●How to Respond to Questions

You can contact the instructor through Message function on NUCT or directly contact at the e-mail address.

Textbook	<p>『改訂版 大学・大学院 留学生の日本語 3 論文読解編』アルク, "Daigaku-Daigakuin Ryugakusei no Nihongo (3) Ronbundokkaihen (revised edition)", ALCKK. (ISBN: 978-4757426337)</p> <p>『改訂版 大学・大学院 留学生の日本語 4 論文作成編』アルク, "Daigaku-Daigakuin Ryugakusei no Nihongo (4) Ronbunsakuseihen (revised edition)", ALC KK. (ISBN: 978-4757426344)</p> <p>*Students are required to prepare for the textbooks by the second lesson.</p>
Reference Book	<p>『留学生のためのここが大切 文章表現のルール』スリーエーネットワーク, "Ryugakusei no tameno kokoga taisetsu / bunshouhyougen no rule" 3A Network, 2009.(ISBN: 978-4883195022)</p>

Intermediate German 1			
Undergraduate / Graduate	Undergraduate	Registration Code	0075101
Course Category	Basic GE, Language II	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Fri. / 1 (8:45~10:15)		
Instructor	MIYAKE Kyoko		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(P・C・Au)・Ag(B)		
<p>●Goals of the Course In this course, students will acquire advanced German language skills.</p> <p>●Objectives of the Course Students will acquire basic skills of German language, obtaining knowledge of general culture in German speaking countries.</p> <p>●Course Content or Plan ドイツ語の基礎文法をすでに習得した学生を対象とし、「習うドイツ語から使うドイツ語」を指向します。さらに高度な文法知識を得ると同時に、生きたドイツ語に実践的に対応できるように運用能力を養成します。各回の授業では会話、講読、ドイツ語による討論、聴解練習など特定の運用能力に絞って行われます。ドイツの文化、ライフスタイルについても話したり、ドイツ語を使ってアンケート調査やプレゼンテーションを行います。目標は「ドイツ語を活かす」です。 授業のテーマ： (1) レストランで (2) 旅行 (3) 天気 (4) 買い物 (5) 身支度 (6) 道案内 など</p> <p>●Course Prerequisites and Related Courses ドイツ語初級能力を持っている学生のための授業です。</p> <p>●Course Evaluation Method and Criteria 授業での活動(授業における参加態度、ペア・グループワークにおける成果) 20%、発表20%、期末試験60%で評価します。履修取り下げの際に届を必要としません。5回以上(公欠を除く)欠席した場合、定期試験を受験しない場合は「欠席」とします。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 授業で課された宿題をするだけではなく、授業内容をよく復習して着実に身につけ、次回の授業に備えてください</p> <p>●How to Respond to Questions 授業内</p>			
Textbook	「CD付 スツェーネン2 場面で学ぶドイツ語コンパクト」 佐藤修子 三修社		
Reference Book	必要に応じて授業で指示します。		

Introduction to modern East Asian history			
Undergraduate / Graduate	Undergraduate	Registration Code	0075382
Course Category	Open	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Fri. / 3 (13:00~14:30)		
Instructor	HOPSON Nathan edwin		
Contact e-mail of the Instructor			
Target Schools (Programs)	La(S)·Ec(S)·Sc(P·C·B)·En(P·C·Au)·Ag(B)		
For information on syllabus, please refer to the School of Humanities's one.			

Intermediate Russian 1			
Undergraduate / Graduate	Undergraduate	Registration Code	0075401
Course Category	Basic GE, Language II	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Fri. / 4 (14:45~16:15)		
Instructor	YAMAZAKI Tachiana		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)・La(S)・Ec(S)・Sc(P・C・B)・En(P・C・Au)・Ag(B)		
<p>●Goals of the Course This course designed for advanced students of Russian. Student will extend their Russian-language skills by practicing dialogues and working on film extracts.</p> <p>●Objectives of the Course Students will extend their language skills that they acquired during the first-year course. In this course, they will expand their vocabulary and become more confident in a wide range of communicative skills including self-introduction, daily conversation and exchange of opinions.</p> <p>●Course Content or Plan 授業内容 15回分の授業詳細</p> <ol style="list-style-type: none"> 1. 「学習」(「学ぶ、研究する、習得する、携わる、忘れる」という動詞の活用) 2. 「名前、名義、名付け」(ロシア人の名前とロシアの名所を覚える) 3. 「職業」(ロシア語の男性名詞と女性名詞の接尾辞を習得する) 4. 「発言」(「話す、会話をする、打ち合わせをする、説得する」という動詞の活用) 5. 「ことば」の諺(ロシア語の諺を覚えて、活用を確かめる) 6. 「動詞からできた名詞」(色々なタイプの動詞を使って名詞を作りながら活用を確かめる) 7. 「自分のこと」(人称代名詞と再帰代名詞の活用) 8. 「いつのこと」(年月日の言い方を習得する) 9. 「期間」(色々な前置詞を使った期間の表現を習得する) 10. 「情報」、その1(知る、調べる、尋ねる、確認するという動詞の活用) 11. 「情報」、その2(面接と問い合わせについての会話をする) 12. 「思考」(考える、思い付く、考え直す、検討するという動詞の活用) 13. 「性質形容詞」(動詞及び名詞からできた形容詞の活用) 14. 「お互いのこと」(同語根の単語を使った表現の違いを覚える) 15. 授業の総括 <p>●Course Prerequisites and Related Courses ロシア語の基礎コースを修了した学生、大学院生、教員等。</p> <p>●Course Evaluation Method and Criteria 期末試験もしくはレポート50%、平常点50%。履修取り下げ制度を採用する。</p> <p>●Study Load(Self-directed Learning Outside Course Hours) 教科書や参考書ないしは文献資料や使用テキストの該当箇所を予習して授業に出席すること。</p> <p>●How to Respond to Questions 基本的には、授業時間外に受講生からの質問等にNUCTによるメッセージにて回答する。</p>			
Textbook	プリント配布		
Reference Book	露和辞典、和露辞典、前年度の教科書等		

Business Japanese IV			
Undergraduate / Graduate	Undergraduate	Registration Code	0055541
Course Category	Basic GE, Language I	Credits	1.5
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Fri. / 5 (16:30~18:00)		
Instructor	YASUI Akemi		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(P·C·Au)·Ag(B)		
<p>●Goals of the Course</p> <p>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 within Japanese society.</p> <p>●Objectives of the Course</p> <p>The goal of this course is for students to acquire the skills required to survive in the Japanese business industry and to be able to use their knowledge both in business settings and in everyday situations. Students will also be able to learn how to take a job interview and make presentations, using honorific expressions properly.</p> <p>●Course Content or Plan</p> <p>This semester will cover the second half of the textbook as following:</p> <p>Lesson 1: Introduction & Review on polite forms -part 1 Lesson 2: Review on polite forms -part 2 & Job Interview Practice -part 1. Lesson 3: Review on polite forms -part 3 & Job Interview Practice -part 2. Lesson 4: Lesson 9 Proposing at meetings(sales promotion) & role play. Lesson 5: Lesson10 Acquiring new customers -oral practice & role play. Lesson 6: Lesson11 Making an appointment with new customers -oral practice & role play. Lesson 7: Lesson12 Selling a product -oral practice & role play. Lesson 8: Mid-term Exam and reflection. Lesson 9: Preparation for a presentation. Lesson 10: Lesson13 Making a reminder call -oral practice & role play. Lesson 11: Lesson14 Proceeding with negotiations -oral practice & role play. Lesson 12: Lesson15 Receiving a successful order -oral practice & role play. Lesson 13: Presentation Lesson 14: Presentation Lesson 15: Final Exam</p> <p>●Course Prerequisites and Related Courses</p> <p>-Although it is not a requirement, prior completion of “ Business Japanese III” is recommend. - Students are expected to have basic knowledge of honorifics. -Students are expected to participate actively in class activities throughout the course.</p> <p>●Course Evaluation Method and Criteria</p> <p>Students who need the course credits are required to meet the following conditions: Quizzes 15%, Mid-term exam 20%, Presentation 15%, Final exam 20%, Active participation 30% TOTAL/100%</p> <p>*Students will be graded following the 5-step S-A-B-C-F grade evaluation system. *Students can withdraw from this course if they submit a Course Withdrawal Request Form by the end of May. *If a student is absent from classes more than 4 times, his or her grade will be “Absent”.</p> <p>●Study Load(Self-directed Learning Outside Course Hours)</p> <p>It is strongly recommended to review the textbook and the materials outside of the class, since the period of class is limited.</p>			

●How to Respond to Questions

Students are able to contact the instructor via email.

Textbook	『上級レベル ロールプレイで学ぶビジネス日本語』スリーエーネットワーク (ISBN: 978-4-88319-595-4) 村野節子・山辺真理子・向山陽子著, 2012.
Reference Book	『新・にほんご敬語トレーニング』アスク “Shin Nihongo keigo training," ASK, 2014. (ISBN: 978-4872178562)

Special Lecture (Summer Camp for General Academic Skills)

Undergraduate / Graduate	Undergraduate	Registration Code	0030002
Course Category	InterD Liberal	Credits	2.0
Term (Semester) / Day / Period	G-IV (2nd year, Spring Semester) / Intensive Courses		
Instructor	LAI Wai Ling, TODAYAMA Kazuhisa		
Contact e-mail of the Instructor	[REDACTED]		
Target Schools (Programs)	Hu(J)·La(S)·Ec(S)·Sc(P·C·B)·En(P·C·Au)·Ag(B)		

●Goals of the Course

The primary goal of this course is twofold. On the one hand, it aims to foster learning the academic skills that are (i) NECESSARY for students of all academic disciplines and (ii) TRANSFERABLE to all professional careers. On the other hand, it aims to transform general education outside the conventional classroom setting so that a suitable learning environment can be created to promote student's active learning and develop their self-confidence in thinking, communication and leadership.

●Objectives of the Course

This course is open to all graduate students and undergraduate students of Nagoya University and Gifu University, regardless of their fields of study. Students will learn some of the most important academic skills in four days, including how to (i) think logically for research, (ii) write a clear and convincing research paper, (iii) communicate and present effectively in English, (iv) uphold a high standard of research integrity, (v) work together as a team, (vi) lead a team of people of different backgrounds, races, and nationalities. To help students learn those academic skills effectively, a positive learning environment will be created to boost student's self-confidence in thinking, communication and leadership. The course will be conducted at a beautiful and relaxed campsite in the mountain areas of Nagano prefecture. All the learning activities are carried out within a team setting. Each student will work with three or four members within a group throughout the four-day camp to compete with other groups for a group prize. In this competitive environment, students will have to learn how to support each other as a team. And through the collective efforts and mutual support, students will naturally become more active and confident in learning.

●Course Content or Plan

This is an intensive course that will be conducted outside Nagoya University and Gifu University.

Course location: National Shinshu Takato Youth Outdoor Learning Center
(国立信州高遠青少年自然の家)

Course period: 3rd - 6th September, 2021 (four days and three nights)

Course content:

Session 1: Introduction to the course. (To be carried out at a date prior to departure)

Session 2: Camp orientation. (Day 1)

Session 3: Workshop on academic writing and logical thinking. (Day 1)

Session 4: Student teamwork - 1. (Day 1)

Session 5: Student teamwork - 2. (Day 1)

Session 6: Workshop on thesis statement. (Day 2)

Session 7: Student teamwork - 3. (Day 2)

Session 8: Student teamwork - 4. (Day 2)

Session 9: Workshop on logical argumentation. (Day 3)

Session 10: Student teamwork - 5. (Day 3)

Session 11: Student teamwork - 6. (Day 3)

Session 12: Workshop on research ethics. (Day 4)

Session 13: Student teamwork - 7. (Day 4)

Session 14: Final presentation (Day 4)

Session 15: Review and reflections (Day 4)

●Course Prerequisites and Related Courses

Among the course applications, selection priority will be given to students who have taken one of the following courses or seminars:

- (i) Research Skills A-I or A-II (Logical Thinking Skills and Research Writing I or II).
- (ii) Nagoya University library workshop series on Logical Thinking Skills for Academic Writing.

●Course Evaluation Method and Criteria

Student performance will be evaluated based on (i) teamwork (50%), (ii) final presentation (50%).
Students who need the course credits are required to complete both (i) and (ii).

●Study Load(Self-directed Learning Outside Course Hours)

Outside the course hours, all students will participate in group activities such as team sports and other leisure activities to promote teamwork and active learning.

●How to Respond to Questions

Please send an email to the course instructor.

●Notice for Students

- (i) This course is very popular! If you have decided to apply for it, you are advised to send the application as early as possible to secure a place.
- (ii) The maximum capacity of the course is 24 students. The application might close early once application numbers exceed the maximum capacity.
- (iii) Transportation and accommodation are free of charge. But please bring around 15,000 yen to the camp. It will cover all the necessary expenses including all meals, drinks, travel insurance, etc.
- (iv) To apply for the course, you are required to complete the following steps:
 - (a) Send an email to meiwriting@ilas.nagoya-u.ac.jp to request a course application form.
 - (b) Fill out the application form and send it back.
 - (v) **The course might have to be postponed or cancelled due to the coronavirus pandemic.**

Textbook	The course instructor has developed a series of course materials, including (i) step-by-step guide on how to build a thesis statement, (ii) step-by-step guide on how to build a logical argument, etc. All these materials will be provided for free at the camp.
Reference Book	Lai, W. L. 2019. "Introduction to Mei-Writing Summer Camp" 名古屋大学附属図書館研究年報 / 名古屋大学附属図書館研究開発室 編 v. 17. p. 23-31. url: https://iss.ndl.go.jp/books/R000000004-I030367910-00