Integrated Japanese 1

Undergraduate / Graduate	Undergraduate	**Registration Code**	1a: 0061111　1b:0061112
Course Category	Basic GE, Language I	**Credits**	3.0
Term (Semester) / Day / Period	G-I（1st year, Fall Semester) / Mon, Wed & Thu / 1（8:45～10:15）		
Instructor	1a: TOKUHIRO Yasuyo　　1b: TANAKA Noriko		
Contact e-mail of the Instructor	1a/1b: TOKUHIRO Yasuyo [redacted]		

●Goals of the Course

This course aims to provide a basic knowledge of Japanese which will enable students to function effectively in everyday life.

●Objectives of the Course

Students will earn comprehensive Japanese, necessary to live both on and off campus.

●Course Contents or Plan

①Students will learn comprehensive Japanese, necessary to live both on and off campus.
Each lesson will cover new grammar, expressions and vocabulary (including Hiragana, Katakana and Kanji).
A short test will be given each lesson.
②Students are required to read textbooks (especially "Elementary Japanese 1 DAICHI Translation of the Main Text and Grammar Notes") as preparation for each lesson.

●Course Prerequisites and Related Courses

Students are required to take a placement test before the beginning of the Fall semester. The course level is decided upon in consultation with teachers. Those students who register for this course should also register for the Japanese Language Seminar (Communication) 1 in the same semester.

●Course Evaluation Method and Criteria

Attendance 30%, Class Participation 30%, Mid-term Examination and Final examination 40%

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

Homework is required every day.

●How to Respond to Questions

Respond to questions by email or during class.

●Notice for students

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.
Students are not permitted to withdraw from this course for any reason after the registration.
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.

●Message from the Instructor

This class will start online in October. Depending on the situation in Japan and student needs, we may change to in-person teaching as the semester progresses. Any decision about changes in how classes will be conducted will be made in consultation with students.

●Courses taught by Instructors with practical experience

Textbook	1．『日本語初級 1 大地 メインテキスト』 スリーエーネットワーク Elementary Japanese 1 DAICH Main Text 2．『日本語初級 1 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 1 DAICH Translation of the Main Text and Grammar Notes 3．『日本語初級 1 大地 基礎問題集』スリーエーネットワーク Elementary Japanese 1 DAICH Work Book 4．『Write Now!　Kanji for Beginners』スリーエーネットワーク
Reference Book	Text ebooks: https://www.3anet.co.jp/np/en/list.html?g=31
Reference website for this Course	

Linear Algebra I

Undergraduate / Graduate	Undergraduate	**Registration Code**	0061211
Course Category	Sciences Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Mon / 2 (10:30～12:00)		
Instructor	BACHMANN Henrik		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
Linearity one of the most fundamental concepts for the handling of quantities in current natural science. Indispensable in quantum mechanics & relativity or fields like computer graphics & machine learning, its use has spread across all branches of natural science and beyond.
Linear algebra, developed in the nineteenth century, is the mathematical theory of linearity. The first half of this one-year course focuses on techniques for manipulating systems of linear equations, and the application of these techniques to analytic geometry (in arbitrary dimensions). Emphasis is placed on the ability to think abstractly.

●Objectives of the Course
The first half of the course will deal with solving linear systems in a systematic way. We will view linear system from several different points of views and see how this will lead to a lot of powerful tools for real life applications.

●Course Content or Plan
Linear systems, Gaussian elimination, matrices, vectors, linear maps, matrix multiplication, the inverse of a linear map, subspaces of R^n, image and kernel, linear independence, bases, dimension, coordinates, orthogonal bases, the Gram–Schmidt algorithm, QR factorization, orthogonal complement, orthogonal maps, least square approximations.

●Course Prerequisites and Related Courses
No formal prerequisites. Some ability to manipulate systems of linear equations and understanding of elementary geometry will be useful for the understanding of the course material. It is *strongly* recommended to also follow the course Mathematics Tutorial I b.

●Course Evaluation Method and Criteria
There will be two main, written exams (which might be done online): midterm (30%) and final (40%). Additionally, there will be homework assignments (20%) and quizzes (10%). 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.

●Study Load(Self-directed Learning Outside Course Hours)
Students are expected to review the previous lecture of Linear Algebra I before attending the next lecture.

●How to Respond to Questions
Email or social media.

●Notice for Student
Everything you need to know will be on the regularly updated homepage below. Please check this homepage regularly for updates.

Textbook	None
Reference Book	Otto Bretscher: ***Linear Algebra with Applications***, fourth edition, Pearson 2009. *ISBN: 978-0-13-600926-9*
Reference website for this Course	https://www.henrikbachmann.com/la1_2021.html

Fundamentals of Chemistry I

Undergraduate / Graduate	Undergraduate	**Registration Code**	0061311
Course Category	Sciences Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Mon / 3 (13:00～14:30)		
Instructor	Phung Manh Quan		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course

The goal of the course is to grasp what chemistry is all about and to learn important principles and facts in chemistry. Upon completion of the source, the student will be able to understand atomic structure, bonding and molecules, and bulk properties of substances.

●Objective of the Course

Students will gain an understanding of:

- the fundamentals of chemical reactions,
- chemical and physical properties of atoms and molecules in different phases,
- the electronic structure of atoms and molecules and its impact on chemical properties,
- basic laws of thermodynamics and their applications in chemical reactions.

●Course Contents/Plan

1 Chemical Tools: Experimentation and Measurement (Ch. 1)
2 Atoms, Molecules, and Ions (Ch. 2)
3 Mass Relationships in Chemical Reactions (Ch. 3)
4 Reactions in Aqueous Solutions (Ch. 4)
5 Periodicity and the Electronic Structure of Atoms (Ch. 5)
6 Ionic Compounds: Periodic Trends and Bonding Theory (Ch. 6)
7 MIDTERM EXAM (Chs. 1 – 6)
8 Covalent Bonding and Electron-Dot Structure (Ch. 7)
9 Covalent Compounds: Bonding Theories and Molecular Structure (Ch. 8)
10 Thermochemistry: Chemical Energy (Ch. 9)
11 Gases: Their Properties and Behavior (Ch. 10)
12 Liquids and Phase Changes (Ch. 11)
13 Solids and Solid-State Materials (Ch. 12)
14 Solutions and Their Properties (Ch. 13)
15 FINAL EXAM (Chs. 1 – 13)

●Course Prerequisites and Related Courses

None

●Course Evaluation Method and Criteria

Students will be evaluated based on one midterm exam (25% weight), one final exam (comprehensive, 45% weight), and homework (30% weight). Multiple choice homework will be given at the end of each class. Homework must be submitted before the next class starts. Both midterm and final exams will be multiple choice.

Grade evaluation will be according to the the GPA System at Nagoya University. Students who enrolled AY2020 and onward: "A+": 100-95%, "A": 95-80%, "B": 70-80%, "C": 65-70%, "C–": 60-65%, "F": 60-0%.

Course Withdrawal: Students need to request a course withdrawal when they have no intention of finishing a course during the semester. Course withdrawal must be in written form (email or paper form) according to Nagoya University's course withdrawal system. The last day to withdraw is the last class day in November.

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

Homework is crucial for mastering new material and developing skills in applying concepts. Weekly homework will be electronic. A general guideline says an average of 2 hours of study time per week (assignments and reviews) is necessary for each 1 credit hour.

●How to Respond to Questions
By email or in-person during office hours.

●Notice for Students
It is essential to sit in the exams during the scheduled class time. **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. If the reason is accepted, the final grade will be calculated from the appropriately weighted average from the homework and/or the other exam. If the reason is deemed insufficient, the absence will be unexcused, and zero points will be awarded for the missed exam.

Attendance is necessary for successful completion of this course. No points will be awarded for attending lectures, but attendance may be taken. The lectures will be online, records of the lectures will be provided on Microsoft Teams.

The exams focus on problem-solving and will be similar to the homework problems. Both exams and homework will be on Pearson Mastering Chemistry.

Textbook	Chemistry (J. K. Robinson, J. McMurry, and R.C. Fay), 8th Ed. (Global Edition **E-Text**, bundled with Mastering Chemistry) Pearson, 2020
Reference Book	Reference book will be announced in the first class if necessary
Reference website for this Course	https://mlm.pearson.com/northamerica/masteringchemistry/

Fundamentals of Earth Science I

Undergraduate / Graduate	Undergraduate	**Registration Code**	0061411
Course Category	Sciences Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Mon / 4 (14:45～16:15)		
Instructor	HUMBLET Marc Andre		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
The study of planet Earth embraces a wide range of topics, from the formation of rocks to the evolution of life, from continental drift to the study of earthquakes and volcanoes. In this course, fundamental concepts of earth science will be covered. Students will be introduced to plate tectonics, the fundamental theory underlying the geological processes which have shaped the environment in which we live and continue to modify the landscape, from the slow, progressive uplift of mountains to violent earthquakes and volcanic eruptions. Students will learn how the Earth recycles matter and how minerals and rocks form and are transformed; how the age of rocks and geological events can be determined, which is central to earth science; how the Earth's geography has changed and how life has evolved during Earth's 4.5-billion-year history.

●Objectives of the Course
Besides providing a basic and up-to-date knowledge of essential concepts of earth science, the aim of this course is to stimulate the interest and curiosity of students for the study of planet Earth and provoke questions, comments, and discussions about issues related to earth science.

●Course Content or Plan
1. Earth Sciences: an introduction
2. The solar system
3. Plate tectonics
4. Minerals: rock's elementary building blocks
5. Rocks and rock cycle I: igneous rocks
6. Rocks and rock cycle II: sedimentary rocks
7. Rocks and rock cycle III: metamorphic rocks
8. The age of rocks
9. Earth history I: paleogeography
10. Earth history II: origin and evolution of life

●Course Prerequisites and Related Courses
There is no prerequisite for this course.
Related course: Fundamentals of Earth Science II

●Course Evaluation Method and Criteria
Online quizzes: 60%
Written essay: 30%
Oral presentation: 10%

Students who enrolled in 2020 will be graded using the six-step A+, A, B, C, C-, and F grade evaluation system (A+: 100-95%, A: 94-80%, B: 79-70%, C: 69-65%, C-: 64-60%, F: 59 % or less).

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%).

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.

●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, and therefore need to search for information related to this subject and to summarize that information in a clear, organized, and concise manner. Preparation time is also needed for the final short presentation that each student gives at the end of the semester about the subject of their review paper.

●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.

●Notice for Students
●Message from the Instructor
●Courses taught by Instructors with practical experience

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
Reference website for this Course	

International Society of Globalization Age

Undergraduate / Graduate	Undergraduate	**Registration Code**	0061511
Course Category	Arts Liberal	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Mon / 5 (16:30～18:00)		
Instructor	MCGINTY Sean Michael		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
The main aims of the course are 1) to familiarize students with problems faced by international society, 2) to understand potential solutions to them from a variety of disciplines (primarily in relation tp legal, political and economic perspectives) which exist, and 3) to understand what hurdles international society faces in attempting to implement the varying solutions which are potentially available.

●Objectives of the Course
In this course we look at thirteen selected global problems that human society faces in the 21st century. The process of globalization since the late 20th century has brought about many benefits for societies across the planet ranging from those of major importance, like the spread of democratic norms and institutions to former dictatorships, to the more trivial, like the ability to buy Kit Kats pretty much anywhere in the world you go. It has also gone hand in hand, however, with the spread of problems of a global scale which pose significant threats to the viability of the very globalized civilization humanity seems to be aspiring to create. Whether this globalized world survives the 21st century in large part depends on our collective ability to confront and deal with these problems. The course is cross-disciplinary, and relies on literature from the fields of law, politics, economics and others.

●Course Content or Plan
Week 1. Introduction
Week 2. Pandemics
Week 3. Income and Wealth Inequality
Week 4. Demographics and overpopulation
Week 5. Refugees
Week 6. Urbanization
Week 7. Global Financial System
Week 8. Global Trade
Week 9. Biodiversity
Week 10. Agriculture
Week 11. Resource depletion
Week 12. Plastic pollution
Week 13. Climate Change
Week 14. Artificial Intelligence
Week 15. Review

●Course Prerequisites and Related Courses
None.

●Course Evaluation Method and Criteria
20% Class participation
80% Final Paper

The final grade will be a letter grade based on the above.

●Study Load(Self-directed Learning Outside Course Hours)
Students should do the readings for the class each week.

●How to Respond to Questions
Please ask questions in class, or by email to Prof. McGinty.

●Notice for Students I try to make this an interesting course and encourage class participation. My field is law, but I teach the course in a manner that is accessible to students from any discipline. **●Message from the Instructor** **●Courses taught by Instructors with practical experience**	
Textbook	None, reading materials will be distributed online via NUCT.
Reference Book	None.
Reference website for this Course	NUCT.

Japanese Language Seminar (Communication) 1

Undergraduate / Graduate	Undergraduate	**Registration Code**	1a: 0062111　1b:0062112
Course Category	Basic GE, Language I	**Credits**	3.0
Term (Semester) / Day / Period	G-I（1st year, Fall Semester) / Tue. & Fri. / 1（8:45～10:15）		
Instructor	1a: TANAKA Noriko　　1b: TOKUHIRO Yasuyo		
Contact e-mail of the Instructor	1a/1b: TOKUHIRO Yasuyo[redacted]		

●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 1. This course also aims to cover reading and writing of simple sentences. The textbooks are the same as Integrated Japanese 1.

●Objectives of the Course
Students will earn a basic knowledge of Japanese which will enable to function effectively in everyday life.

●Course Contents or Plan
①Each lesson will cover grammar, expressions and vocabulary learned in Integrated Japanese 1 and practiced in short skits. Reading and writing are also covered. A short test will be given each lesson.
②Students are required to read textbooks (especially "Elementary Japanese 1 DAICHI Translation of the Main Text and Grammar Notes") as preparation for each lesson.

●Course Prerequisites and Related Courses
Students are required to take a placement test before the beginning of the Fall semester. The course level is decided upon in consultation with teachers. Those students who register for this course should also register for Integrated Japanese 1 in the same semester.

●Course Evaluation Method and Criteria
Attendance 30%, Class Participation 30%, Mid-term Examination and Final examination 40%

●Study Load (Self-directed Learning Outside Course Hours)
Homework is required every day.

●How to Respond to Questions
Respond to questions by email or during class.

●Notice for students
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.
Students are not permitted to withdraw from this course for any reason after the registration.
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.

●Message from the Instructor
This class will start online in October. Depending on the situation in Japan and student needs, we may change to in-person teaching as the semester progresses. Any decision about changes in how classes will be conducted will be made in consultation with students.

●Courses taught by Instructors with practical experience

Textbook	1．『日本語初級 1 大地 メインテキスト』 スリーエーネットワーク Elementary Japanese 1 DAICH Main Text 2．『日本語初級 1 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 1 DAICH Translation of the Main Text and Grammar Notes 3．『日本語初級 1 大地 基礎問題集』スリーエーネットワーク Elementary Japanese 1 DAICH Work 4．『Write Now!　Kanji for Beginners』スリーエーネットワーク
Reference Book	Text ebooks: https://www.3anet.co.jp/np/en/list.html?g=31
Reference website for this Course	

Fundamentals of Physics I

Undergraduate / Graduate	Undergraduate	**Registration Code**	0062211
Course Category	Sciences Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue. & Thu. / 2 (10:30～12:00)		
Instructor	SHIGEMORI Masaki		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
Fundamentals of Physics I (FP I) is the first of three lecture courses (FP I–III) designed to cover the basic classical physics to provide a firm foundation for learning science and engineering. This course introduces the concepts and laws of classical mechanics. Further topics in mechanics will be covered in FP II.

●Objectives of the Course
Kinematics: Understand how to describe motion using position, velocity and acceleration vectors.
Dynamics: Understand Newton's laws and learn how to solve dynamical problems using free-body diagrams. Understand basic notions such as work, energy, momentum, and conservation of energy and momentum.

●Course Content or Plan

The topics include kinematics, vectors, force and motion, energy, work and momentum, and are based on the following chapters in the textbook:

Chapter 2: Motion Along a Straight Line
Chapter 3: Vectors
Chapter 4: Motion in Two and Three Dimensions
Chapter 5: Force and Motion I
Chapter 6: Force and Motion II
Chapter 7: Kinetic Energy and Work
Chapter 8: Potential Energy and Conservation of Energy
Chapter 9: Center of Mass and Linear Momentum

Some examples of problem solving will be discussed in lectures, but the companion course, Fundamental Physics Tutorial Ia, is designed to develop students' problem-solving skills.

●Course Prerequisites and Related Courses
Students without a good background in high school physics and basic calculus are advised to review those materials as soon as possible and would be expected to spend more time and effort for the course. This must be considered when deciding your course load. Students are expected to participate actively in class activities throughout the course.
Related courses: Calculus I & II, Linear Algebra I & II, Fundamentals of Physics II & III.

●Course Evaluation Method and Criteria
Class attendance is required. Absentees must give a valid reason (e.g. doctor's certificate). Students need to submit a Course Withdrawal Request Form when requesting course withdrawal. The "Absent" grade is reserved for students who withdraw just after the final exam. After that day, a letter grade will be awarded based on marks earned from all assessment during the semester.
Class attendance: 5%, Assignments: 25%, Exams (midterm and final): 70%.

●Study Load(Self-directed Learning Outside Course Hours)
Online-quizzes and homework (a few hours)

●How to Respond to Questions: Online Q&A and email

●Notice for Students
Concurrent registration of Fundamental Physics Tutorial Ia is strongly advised because it is necessary for mastering the content of the lectures.

Textbook	**Fundamentals of Physics** Extended 11th Edition International Student Version with **WileyPLUS Set** (John Wiley & Sons, 2018 ISBN: 978-1119460138)
Reference Book	Feynman Lectures On Physics (Vol.1) by Richard P. Feynman (Pearson PTR)
Reference website for this Course	

Fundamentals of Physics II

Undergraduate / Graduate	Undergraduate	**Registration Code**	0062212
Course Category	Sciences Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue. & Thu. / 2 (10:30～12:00)		
Instructor	TAMA Florence Muriel		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
Physics is at the foundation of science and engineering. This is the second of a series of three courses that cover the fundamentals of physics. This course covers further topics in mechanics: equilibrium and elasticity, gravitation, oscillations and introduces thermal physics.

●Objectives of the Course
Students gain a functional understanding of introductory mechanics and thermal physics. Besides learning to solve problems within each topic, students will also learn to solve problems that cut across these topics. They are able to appreciate the physics underlying their studies in other science and engineering disciplines. They are prepared for the next course in the series: Fundamentals of Physics III.

●Course Content or Plan
Chapter 10&11&12: Rotation, Rolling, Torque, and Angular Momentum, Equilibrium
Chapter 13: Gravitation
Chapter 15: Oscillations
Chapter 18&19&20: Heat, Temperature 1st Law of Thermodynamics, The Kinetic Theory of Gases, Entropy and the Second Law of Thermodynamics

●Course Prerequisites and Related Courses
Calculus I, Calculus II, Linear Algebra I, Linear Algebra II, Fundamentals of Physics I, III

●Course Evaluation Method and Criteria
Class attendance is required. Absentees must give a valid reason (e.g. doctor's certificate). A Course Withdrawal Request Form is needed for course withdrawal. The "Absent" grade is reserved for students who withdraw just after the final exam. After that day, a letter grade will be awarded based on marks earned from all assessment during the semester. Assessment includes weekly Wiley Plus assignments, an exam on Mechanics (halfway of the course) and an exam on thermodynamics (finals week)

●Study Load (Self-directed Learning Outside Course Hours)
Students will be given weekly homework via WileyPlus.

●How to Respond to Questions
All communication will be handled via NUCT class website.

●Notice for Students

●Message from the Instructor

●Courses taught by Instructors with practical experience

Textbook	**Fundamentals of Physics** Extended 11th Edition International Student Version with **WileyPLUS Set** (John Wiley & Sons, 2014 ISBN: 9781118230749)
Reference Book	Feynman Lectures in Physics (Vol.1) by Richard Feynman (Pearson P T R)
Reference website for this Course	NUCT

Academic English Advanced I

Undergraduate / Graduate	Undergraduate	**Registration Code**	0062311
Course Category	Basic GE, Language I	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue / 3 (13:00～14:30)		
Instructor	HAMLITSCH Nathan		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
To develop academic writing, presentation and research skills.

●Objectives of the Course
The central aim of this course is to improve students' presentation skills and to help students understand and create their own academic presentation based on a thorough understanding of 1) observations / problems 2) research questions / objectives, and 3) thesis statements / hypotheses. We will then use this basic framework to move to more advanced topics. Students will dissect and understand a work of their choosing as a basis for their presentation. Students will also learn how to write a proposal/abstract for their work. Students will present twice during the semester using the skills learned throughout the course. As necessary, most classes will contain a lecture dealing with specific aspects of presentation skills. Class activities and materials will be oriented around pair and small group work.

●Course Content or Plan
Week 1 – Course introduction, orientation; What is research?

Week 2 – The 3 most important elements of research; What is a thesis statement?

Week 3 – 4 kinds of observations; 2 (+) kinds of research questions; 2 sequences of a research paper

Week 4 – Review; Investigate a real research paper; Things to consider when choosing a research paper

Week 5 – Student presentation: In focus

Week 6 – Student project: 1. Observation, 2. Research Question, 3. Hypothesis

Week 7 – Support for idea: How to support the thesis statement/hypothesis (Method, Results, Discussion)

Week 8 – Wrapping up: Conclusions; outlines

Week 9 – Presentation 1

Week 10 – Presentation 1 cont.

Week 11 – Feedback from presentation 1/ Using abstracts to organize your presentation; What is an abstract?; Building an abstract

Week 12 –Checking an abstract

Week 13 – From paper to presentation: Abstract to presentation

Week 14 – Presentation 2

Week 15 – Presentation 2 cont.

●Course Prerequisites and Related Courses
None.

●Course Evaluation Method and Criteria
Classwork/Participation (20%), Homework (20%), Presentation 1 (30%), Presentation 2 (30%). Please notify the instructor with a Course Withdrawal Request if you are dropping out of the course.

●Study Load(Self-directed Learning Outside Course Hours) Each week there will be homework assigned by the instructor. The study load should average to be about 1-2 hours per week. **●How to Respond to Questions** Please contact me through 1) email: [redacted] or 2) send a message through NUCT. **●Notice for Students** **●Message from the Instructor** **●Courses taught by Instructors with practical experience**	
Textbook	No required text. Instructor will distribute handouts.
Reference Book	Any additional materials will be provided by the instructor.
Reference website for this Course	None.

Perspectives in Mathematical Science IV			
Undergraduate / Graduate	Undergraduate	**Registration Code**	0082381
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue / 3 (13:00～14:30)		
Instructor	KOBAYASHI Ryoichi, SHIROMIZU Tetsuya, JAERISCH Johannes		
Contact e-mail of the Instructor			
For more information on syllabus, please refer to the School of Science's one.			

View of Advanced Electrical, Electronic and Information Engineering			
Undergraduate / Graduate	Undergraduate	**Registration Code**	0082382
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue / 3(13:00～14:30) & 4(14:45～16:15)		
Instructor	KOJIMA Hiroki		
Contact e-mail of the Instructor			
For more information on syllabus, please refer to the School of Engineer's one.			

Mathematics Tutorial 1a

Undergraduate / Graduate	Undergraduate	**Registration Code**	0062411
Course Category	Open	**Credits**	1.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue / 4 (14:45～16:15)		
Instructor	Richard Serge		
Contact e-mail of the Instructor	[redacted]		

●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.

●Objectives of the Course

The course is mainly intended for students taking Calculus I. Students will have the opportunity to manipulate the various notions introduced during the lectures.

●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.

●Course Prerequisites and Related Courses

Some basic knowledge on calculus from high school is assumed, including differentiation and integration of polynomial functions.

●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.

●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 I before each tutorial sessions.

●How to Respond to Questions

By email.

●Notice for Students

Check the website mentioned below for updated information. The lectures will be provided in a classroom and/or on Zoom depending on the situation.

Textbook	Free textbook will be available on the website of the course.
Reference Book	Free reference books will be available on the website of the course.
Reference website	http://www.math.nagoya-u.ac.jp/~richard/fall2021.html

Mathematics Tutorial 1b

Undergraduate / Graduate	Undergraduate	**Registration Code**	0062412
Course Category	Open	**Credits**	1.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue / 4 (14:45～16:15)		
Instructor	BACHMANN Henrik		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
The aim of this course is to provide essential mathematical knowledge necessary to further study mathematics and other sciences at university level. The course is intended for students taking Linear Algebra I.

●Objectives of the Course
In the Tutorial we will discuss the Homework for the course Linear Algebra I and to answer possible questions regarding the lecture. This will be done by doing exercises and examples together which are similar to those in the homework.

●Course Content or Plan
Linear systems, Gaussian elimination, matrices, vectors, linear maps, matrix multiplication, the inverse of a linear map, subspaces of R^n, image and kernel, linear independence, bases, dimension, coordinates, orthogonal bases, the Gram–Schmidt algorithm, QR factorization, orthogonal complement, orthogonal maps, least square approximations.

●Course Prerequisites and Related Courses
High-school level mathematics. If you take Linear Algebra I you should also attend this course.

●Course Evaluation Method and Criteria
The assessment of this course coincides with the assessment of the course Linear Algebra I.

Course withdrawal: 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.

●Study Load(Self-directed Learning Outside Course Hours)
Before attending the Tutorial the students should recall the previous lecture and prepare questions to ask during the Tutorial.

●How to Respond to Questions
Email or social media.

●Notice for Students
Every information will be available on the course homepage. Please check this page regularly for updates and for all materials.

Textbook	None
Reference Book	Otto Bretscher: ***Linear Algebra with Applications***, fourth edition, Pearson 2009. *ISBN: 978-0-13-600926-9*
Reference website for this Course	https://www.henrikbachmann.com/la1_2021.html

German 1

Undergraduate / Graduate	Undergraduate	**Registration Code**	0022502
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue / 5 (16:30～18:00)		
Instructor	MURAMOTO Mai		
Contact e-mail of the Instructor	[redacted]		

●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.

●Objectives of the Course
ドイツ語を学ぶことで、様々な文化や考え方を理解し、他者と共生する能力を獲得する。同時に、自らを外側から見つめ直し、自文化をより理解した上で、他者から理解を得るための能力も養う。

●Course Content or Plan
授業で扱うテーマは次のとおりです。
１０月：家族について話す
１１月：趣味について話す
１２月：プレゼントをする
１月：道案内をする・昨日の出来事を伝える

宿題・課題の取り組みは授業参加の必須となる。その宿題の中には次週の予習となるものも含まれる。授業の妨げになる遅刻は減点の対象とする。やむをえない事情で授業を欠席した場合は、各自フォローをし、その日に配布されたプリントはコピーし、課された宿題も次週までに各自調べて取り組んでおく。すべてのグループワークに参加する（宿題に取り組む）ことが前提となる。

●Course Prerequisites and Related Courses
教科書の前半（第５課まで）を各自復習しておくこと。

●Course Evaluation Method and Criteria
平常点（積極的な授業参加、グループワークの成果）５０％、発表・小テスト・提出物５０％。総合的に合格の水準に達していない場合、平常点の最低条件を満たさない場合は単位取得を認めない。１５分以上の遅刻は欠席扱いとする。４回以上の欠席者は「Ｆ」とする。

●Study Load(Self-directed Learning Outside Course Hours)
事前：前回の既習事項を復習する（2 時間）
事後：授業を振り返り、整理する（2 時間）

●How to Respond to Questions
授業内に対応する。

●Notice for Students
●Message from the Instructor
私の授業では、以下の２つの条件をどちらも満たす場合に限り、履修取り下げを認めます。
・前期は５月末日まで、後期は１１月末日までに申し出る。
・勉強が思うようにできないほど深刻な事態が生じていることを明らかにする。

●Courses taught by Instructors with practical experience

Textbook	シュピッツェ！1 コミュニケーションで学ぶドイツ語、新倉真矢子ほか著、朝日出版社、ISBN: 978-4-255-25422-7

Reference Book	
Reference website for this Course	

French 1

Undergraduate / Graduate	Undergraduate	**Registration Code**	0022503
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue / 5 (16:30～18:00)		
Instructor	TORIYAMA Teiji		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
"French 1, 2, 3, 4" (language and culture courses) aim to develop the general skills of reading, writing, listening and speaking. One of the two weekly lessons aims to acquire basic grammatical knowledge, while the other, to develop basic abilities in pronunciation, reading, speaking and writing. Theses courses will also promote interest in French-speaking societies and cultures so that students can acquire fundamental knowledge of them. This course is of the former type.

●Objectives of the Course
フランス語の初級文法についての知識を身につけ、初歩的な文章を読解・作文できるようになること。また発音の規則を習得し、簡単な日常会話ができるようになること。

●Course Content or Plan
授業計画（変更される可能性もあります）
1回目 序章：フランス語のアルファベ／綴り字と発音
2回目 第１章：名詞と冠詞(1)
3回目 第１章：名詞と冠詞(2)
4回目 第２章：形容詞
5回目 第３章：動詞être、前置詞と冠詞
6回目 第４章：avoir、疑問文と否定文
7回目 中間テスト
8回目 第５章：第一群規則動詞
9回目 第６章：第一群規則動詞と疑問文・否定文
10回目 第７章：指示形容詞・第二群規則動詞とrendre型動詞
11回目 第８章：Aller, Venir・否定文と疑問文
12回目 第９章：Venir型動詞・人称代名詞
13回目 第10章：叙法動詞・複合過去
14回目 第11章：Faire, prendre, mettre・複合過去
15回目 期末テスト

●Course Prerequisites and Related Courses
金曜５限のガラベGarrabet先生の会話中心授業と対をなす。

●Course Evaluation Method and Criteria
授業参加度および筆記試験（中間テストと期末テスト）により成績評価を行う。

●Study Load(Self-directed Learning Outside Course Hours)
教科書の各章末尾にある練習問題を授業後におこなう。

●How to Respond to Questions
授業中もしくは授業後に直接尋ねてもらっても結構ですし、NUCT のメッセージ欄で質問してもらっても結構です。口頭もしくはメールにてお答えします。

●Notice for Students

●Message from the Instructor

外国語を学ぶとは単に母国語を別様に言いかえる手段を学ぶことだけではありません。それぞれの言語には他の言語には見られない特有の面があり、一見無味乾燥にみえる文法事項にも、はっとするような物の見方が反映されていることに気づくことがあります。フランス語の修得をとおして新たな物の見方、新鮮な言語感覚に触れてもらえれば幸いです。
語学を身につけるにはとりわけ日々の積み重ねが大事であり、それがまた一番効果的な道でもあります。毎回の授業にそって少しずつ着実に身につけてゆきましょう。もし不明な点など出てきたら授業中でも授業の後でもよいので、できるだけ早く質問して疑問を解消するようにしてください。

●Courses taught by Instructors with practical experience

Textbook	PDF テキストを配布するため購入の必要はない。
Reference Book	
Reference website for this Course	

Russian 1

Undergraduate / Graduate	Undergraduate	**Registration Code**	0022504
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue / 5 (16:30～18:00)		
Instructor	YAMAJI Asuta		
Contact e-mail of the Instructor	[redacted]		

●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.

●Objectives of the Course
ロシア語に関する基礎知識と運用力を培う。「読む」「聞く」「話す」「書く」の四技能をバランスよく総合的に身につける。ロシア語世界が身近になるように、文化・習俗・歴史・社会事情などについても学び、国際的な視野を養う。ロシア語に親しみを持つ。

●Course Content or Plan
1．キリル文字とその読み方。
２．名詞の性、複数形。文法上の一致について。形容詞の性・数変化。
３．人称代名詞。動詞の特徴。動詞の過去形。
４．名詞の格。持ち主を表す言葉。
５．名詞の単数・対格。疑問文の作り方とイントネーション。名詞の単数・生格。生格の用法。
６．２種類の導入文。動詞быть の構文。
７．名詞の単数・前置格。「〜に行った・来た」の表現。挨拶、数詞。
８．名詞の単数・与格。与格の用法。名詞の単数・造格。造格の用法。
９．所有の表現。所有・存在の否定。
10．動詞の過去、現在、未来と体の関係。動詞の現在形。
11．動詞の未来形。動詞быть の未来形の用法。「行く・来る」の表現。
12．総仕上げ（１）
13．総仕上げ（２）
14．補遺。
15．まとめと試験。

●Course Prerequisites and Related Courses
履修条件は要さない。

●Course Evaluation Method and Criteria
履修取り下げにあたり、履修取り下げ届は必要としない。期末試験を受験しなかった場合の評価は「W（欠席）」とする。定期試験（40%）、平常点・課題提出（30%）、小テスト（30%）の成績により総合的に評価する。

●Study Load(Self-directed Learning Outside Course Hours)
学習項目に関連した課題を毎回出すので、必ずやってくること。テキストについては口頭で読むこと。授業時間と同じくらいの課外学修（90 分）が必要となります。

●How to Respond to Questions
授業中および授業前後の時間に直接質問してください。またメールによる質問にも対応します。

●Notice for Students **●Message from the Instructor** 授業にはぜひ積極的に取り組んでください。 **●Courses taught by Instructors with practical experience**	
Textbook	諫早勇一ほか「セメスターのロシア語　改訂版」（白水社）、ISBN：9784560016367
Reference Book	辞書としては、博友社『ロシア語辞典』を推薦する。 また適宜プリントを配布する。
Reference website for this Course	

Chinese 1

Undergraduate / Graduate	Undergraduate	**Registration Code**	0022505
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue / 5 (16:30～18:00)		
Instructor	YU Ping		
Contact e-mail of the Instructor	[redacted]		

●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 are learning Chinese for the first time to develop basic knowledge and operational skills related to Chinese based on a consistent lesson plan.

●Objectives of the Course
1. 基礎単語250語を習得している。
2. 韻母、声母と声調を正しく発音できる。
3. 中国語の音を正確に聞き取ることができる。

●Course Content or Plan
●授業内容
中国語の初級段階を総合的に学習し，音声面・文法面・表現面において中国語の全体像がつかめるような基礎的能力の養成を目標とする。
この中国語２の授業でも，各音節を，声調を伴って正確に発音できるように授業を進め，さらに，短いセンテンスの会話文や，単語トレーニングも活用しつつ，基礎的な文法を身につけていく。

具体的な授業内容は以下の通りである。
1．イントロダクション、中国語の発音Ⅰ（声調、単母音）
2．中国語の発音Ⅱ（子音、複合母音）
3．中国語の発音Ⅲ（複合母音、鼻母音）
4．ｒ化、数字、声調の変化
5．発音のまとめ、日常会話、教室用語
6．自己紹介、名前や国籍などの聞き方と答え方
7．練習および応用
8．疑問詞「什么」を使った会話　ほか
9．練習および応用
10．人称代詞、動詞述語文、「的」の使い方などの確認および応用
11．近況などの聞き方と答え方
12．練習および応用
13．指示代詞を使った会話　ほか
14．練習および応用

●Course Prerequisites and Related Courses
中国語２とともに履修すること。

●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。

●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。

●How to Respond to Questions
授業後に対応する。

●Notice for Students
●Message from the Instructor
授業上の注意
・最初の授業でガイダンスを行います。
・辞書についてはガイダンスで説明します。
・初級中国語の最重要ポイントは発音です。十分な時間をかけて練習を繰り返します。

●Courses taught by Instructors with practical experience

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
Reference website for this Course	

Spanish 1

Undergraduate / Graduate	Undergraduate	**Registration Code**	0022506
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue / 5 (16:30～18:00)		
Instructor	WATANABE Yumi		
Contact e-mail of the Instructor	[redacted]		

●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 first-semester course focuses on the basic grammar of Spanish necessary to develop communicative skills at a basic level.

●Objectives of the Course
1)　スペイン語の形態的特徴（活用，語形変化など）及び構文的特徴（語順や一致の法則など）についての基本的な知識を身に着ける。
2)　スペイン語の動詞の直説法現在形の活用を，不規則変化も含めて，理解し，身に着ける。
3)　スペイン語であいさつでき，現在のことについての簡単な会話ができるようになる。

●Course Content or Plan
同一の教科書「エクセレンテ!!!」（第3版）を用いて，スペイン語１とスペイン語２両科目２名の教員が連繋し授業を担当する。したがって週２回，同一の教科書による授業が行われる。
主要な学習内容は以下のとおりである。
第１課　文字と発音　アルファベット　母音　子音　音節・アクセントの規則
第２課　冠詞　名詞「男性名詞と女性名詞」　単数形と複数形　形容詞１
第３課　主格人称代名詞　ser動詞，形容詞２　疑問詞
第４課　estar動詞　指示形容詞・代名詞
＊第４課終了をめどに中間テストを行う。
第５課　直説法現在　直接・間接目的格人称代名詞　時刻の表現
以上で、名詞・形容詞系の変化の基礎の学習を終える。
第６課　hay存在文　不定語(1)　否定語　gustar型動詞
第７課　直説法現在（不規則動詞A，B，tener）
第８課　直説法現在（不規則動詞C，D）
以上で、動詞の現在形と目的格代名詞の用法の基礎の多くを終える。
授業各回には予習が必須である。

●Course Prerequisites and Related Courses
この講義は金曜５限の教員とリレー式で行う。

●Course Evaluation Method and Criteria
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：３０％　３）期末試験：３０％　４）小テスト：３０％。
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。

●Study Load(Self-directed Learning Outside Course Hours)
必要に応じて授業で示す。

●How to Respond to Questions
メールで連絡してください。

●Notice for Students

●Message from the Instructor

ＥＸＣＥＬＥＮＴＥ！（すばらしい！）教科書のタイトルは，授業中，優れた回答へ教員が与える称賛の言葉です。本書は次の二つの基本方針によって編集されています。

１）スペイン語の基本文法を一通り網羅する。

２）簡単な日常会話ができるようになる。

この教科書は，文法を障害物として回避するのではなく，学習者に正面から取り組んでもらうことを目指しました。実際，スペイン語が語形変化の多様な言語であり，入門段階の学習の中で動詞の変化が大きな割合を占めます。しかしながら，不規則の中にも規則性があることを見つけながら，文法の面白さを感じてもらえるように工夫しています。また，初級の文法でも簡単な会話練習を用意し，会話の楽しさを感じられるようにしました。

辞書については、「スペイン語２」で説明します。

●Courses taught by Instructors with practical experience

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	西和辞書他、必要に応じて授業で示す。
Reference website for this Course	Spanish | Spanish site at Nagoya U. (nagoya-u.ac.jp)

Korean 1

Undergraduate / Graduate	Undergraduate	**Registration Code**	0022507
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Tue / 5 (16:30～18:00)		
Instructor	UTSUGI Akira		
Contact e-mail of the Instructor	[redacted]		

●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.

●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着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。

●Course Content or Plan
朝鮮・韓国語１と２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。

・文字と発音
・発音のルール
・基本的な助詞
・名詞文とその否定（「～です」「～ではありません」
・自己紹介の表現
・疑問詞
・数詞
・指示語
・存在表現（「ある・いる」「ない・いない」）
・用言の活用
・丁寧形の語尾
・否定形
・並列と逆接の接続語尾
・過去形
・予定の表現
・希望表現

授業は基本的に、教科書に沿って一つの課を1～2回で終えるペースで進めていく。

●Course Prerequisites and Related Courses
朝鮮・韓国語１と２は両方とも履修することを推奨する。どちらか片方のみを受講することも可能ではあるが、両方を受講していることを前提として授業を進行するので、片方のみの受講の場合は、受講しないほうの授業の学習事項を自習すること。

●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。

●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。

●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。

●Notice for Students
辞書（電子辞書も可）を各自購入し、毎回の授業で持参すること。
なお、朝鮮・韓国語学習に関する情報は以下のウェブページに掲載されることがあるほか、Twitter（@meidai_korean）にも情報が掲載されることがある。

●Message from the Instructor
●Courses taught by Instructors with practical experience

Textbook	長谷川由起子『コミュニケーション韓国語：聞いて話そう I』（白帝社） ISBN: 978-4-86398-086-0（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
Reference website for this Course	名古屋大学の朝鮮・韓国語	Korean at Nagoya University (nagoya-u.ac.jp) 名古屋大学の朝鮮・韓国語：オンライン学習 (google.com)

First Year Seminar A

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063211
Course Category	Basic GE, 1Y Seminar	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed / 2 (10:30～12:00)		
Instructor	MC GEE Dylan Patrick		
Contact e-mail of the Instructor	[redacted]		

●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.

●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.

●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.

●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
None.

●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 two to 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.

●How to Respond to Questions
I am happy to respond to student questions at any time during class discussion. Additionally, students who have questions outside of class may meet with me during my designated office hours (Fridays, 16:30-18:00 on ZOOM during Fall 2021 semester) to discuss the material.

●Notice for Students
First Year Seminar A 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.

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.

As of this writing, my plan is to teach this class online in Fall 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.

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.

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 enrollment procedures, please consult with the office.

●Message from the Instructor
●Courses taught by Instructors with practical experience

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.
Reference website for this Course	

First Year Seminar A

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063212
Course Category	Basic GE, 1Y Seminar	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed / 2 (10:30～12:00)		
Instructor	DOI Yasuhiro		
Contact e-mail of the Instructor	[redacted]		

●Theme of First Year Seminar
In this First Year Seminar students will study not only how to input academic information, but also how to output evidences of your research with a manner of a social science.

●Goals of the Course
Students study how to use data, academic methods and also how to create a good presentation.

●Objectives of the Course
To study social sciences, it is necessary to understand social problems and analyze them with appropriate academic tools. In this First Year Seminar students have to pick up one particular social problem, conduct a short research and make a presentation in a manner of the social science.

●Course Content or Plan
No 1. Introduction

No 2.~7. Lectures of how to organize a research and a presentation
Students will learn the frameworks of the presentation and how to make a research.

No 8.~16. Presemtatopms
Each student has to give a 30 Min presentation of a topic which he/she chooses.

●Course Prerequisites and Related Courses
None

●Course Evaluation Method and Criteria
Attendance, participation, and Evaluation of each student's presentation.
Students who decide to withdraw from the course should inform me in writing by November 25th, and provide me with a copy of the designated form ("Course Withdrawal Form").

●Study Load(Self-directed Learning Outside Course Hours)
Please find a topic which you would like to conduct a short research and read related papers and textbooks.

●How to Respond to Questions
Please send me an e-mail and make an appointment for discussion if it is needed.

●Notice for Students
Students should try to explain the mechanism and the main factor(s) of the problem clearly.
Any selected topic will be accepted to give a presentation, even the instructor is from the School of Economics and advices mainly from the view point of the economics and academic perspectives in general.

●Message from the Instructor
You will be provided opportunities to start organizing your own research in this seminar.
Please try to find a method how to convince people. With academic tools, you may have some good ways to let people understand your key concepts.

●Courses taught by Instructors with practical experience

Textbook	None

Reference Book	None
Reference website for this Course	None

First Year Seminar A

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063213
Course Category	Basic GE, 1Y Seminar	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed / 2 (10:30～12:00)		
Instructor	HUMBLET Marc Andre		
Contact e-mail of the Instructor	[redacted]		

●Theme of First Year Seminar

The main them of this seminar is “water and the environment”.

●Goals of the Course

The seminar is divided into two parts. The first part provides tips on how to search for information and how to give an oral presentation. This is followed by a discussion on centered on the definition of science and the difference between science and pseudoscience. A few lectures on coral reef ecosystems will serve as examples of how science can be communicated. The students will learn about the different kinds of reefs, the biology of corals and coral reefs, the factors controlling reef growth, the present-day threats on coral reefs, and the geological evolution of reefs. Students will also be able to examine hand-sized samples of coral reef limestones and observe thin sections under a microscope. During the second part of the seminar, the students will give two presentations each about any scientific subjects of their choice related to the marine or freshwater world. The fields covered can be as varied as underwater exploration technologies, marine biology, water in the solar system, hydroelectric energy… Each presentation is followed by a Q&A session. Class participation is strongly encouraged.

●Objectives of the Course

The basic objectives of this seminar are (1) to teach students how to search for scientific information, (2) to encourage critical thinking, (3) to improve presentation skills, (4) to nurture scientific curiosity, and (5) to promote exchange of ideas about various scientific topics.

●Course Content or Plan

1. Introduction: tips on information search and oral presentation
2. What is science?
3. Science vs. pseudoscience
4. Coral reefs: diversity, past evolution and future trends
5. Lab session
6. Oral presentations by students

●Course Prerequisites and Related Courses

There is no prerequisite for this course.
Related courses: mostly (but not restricted to) biology- and geology-oriented courses

●Course Evaluation Method and Criteria

The grading is based on class participation (30%) and oral presentations (70%).

Students who enrolled in 2020 will be graded using the six-step A+, A, B, C, C-, and F grade evaluation system (A+: 100-95%, A: 94-80%, B: 79-70%, C: 69-65%, C-: 64-60%, F: 59 % or less).

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%).

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.

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

Outside course hours, students will need to prepare their oral presentations.

●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.

●Notice for Students

●Message from the Instructor

●Courses taught by Instructors with practical experience

Textbook	None
Reference Book	None
Reference website for this Course	None

First Year Seminar A

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063214
Course Category	Basic GE, 1Y Seminar	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed / 2 (10:30～12:00)		
Instructor	TAMA Florence Muriel		
Contact e-mail of the Instructor	[redacted]		

●Theme of First Year Seminar
This course aims to discuss contemporary scientific issues.

●Goals of the Course
The course is designed to develop student's capabilities to work in group to exchange ideas as well as to develop presentation skills. Students will have to research information related to the weekly theme. In addition, the students will give presentations choosing a topic from a provided list.

●Objectives of the Course
Researching contemporary scientific issues and presenting/debating about such issue to raise awareness of today's challenges.

●Course Content or Plan
The course will focus/discuss on several aspects including: scientific news, Nobel Prize, interdisciplinary research, research ethics, reviewing process of scientific publications, funding and science.

●Course Prerequisites and Related Courses
None

●Course Evaluation Method and Criteria
Criteria for Absent and Fail grade: Students need to submit a Course Withdrawal Request Form when requesting course withdrawal. The "Absent" grade is reserved for students who withdraw at any point during the course. Students will be graded following the A+, A, B, C, C- and F grade evaluation system. The grade will be based on class participation and presentation.

●Study Load (Self-directed Learning Outside Course Hours)
Student should spend no more than 2 hours outside course hours.

●How to Respond to Questions
All communications will be handled via the NUCT class website.

●Notice for Students

●Message from the Instructor

●Courses taught by Instructors with practical experience

Textbook	none
Reference Book	none
Reference website for this Course	NUCT

First Year Seminar A

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063215
Course Category	Basic GE, 1Y Seminar	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed / 2 (10:30～12:00)		
Instructor	DARPOE Erik Olof		
Contact e-mail of the Instructor	[redacted]		

●Theme of First Year Seminar
In this seminar, we will have a look at some fundamental concepts of mathematics, such as sets, functions, relations, and numbers. While these are foundational notions that underlie all modern mathematics, they are often only cursorily treated in first year university courses. The purpose of this seminar is to provide a provide a somewhat stronger foundation for a university level mathematics studies.

●Goals of the Course
Courses designed to develop students' capabilities in the basic disciplines of reading, writing, and speaking through wide-ranging intellectual training and to help students learn both how to pursue truth interesting such an activity can be [sic].

●Objectives of the Course
1. To gain knowledge of some of the fundamental notions underlying modern mathematics; including sets, functions, relations, induction, and numbers;
2. to get acquainted with mathematical methods and reasoning, including proofs;
3. to practice oral and written presentational skills.

●Course Content or Plan
The course will treat a selection of the following topics:
Logic and proofs, sets, functions and relations, equivalence relations, induction, integers, rational numbers, Cauchy sequences and real numbers, elementary number theory.

Additional subjects may be covered depending on the interests of the participants.

●Course Prerequisites and Related Courses
A good command of high school mathematics.

●Course Evaluation Method and Criteria
Homework assignments and oral presentations.

Course withdrawal: Participating students may withdraw from the course by submitting a course withdrawal form to the teacher.

●Study Load(Self-directed Learning Outside Course Hours)
Students need to do homework and prepare their oral presentations outside of class.

●How to Respond to Questions
Contact via email, NUCT, or individual appointment on demand.

●Notice for Students
The course will be given mostly or entirely online. While not necessary, use of a tablet (or computer with a touch-screen for handwriting) will be helpful for communication in class.

●Message from the Instructor
●Courses taught by Instructors with practical experience

Textbook	None
Reference Book	Steven Galovich: *Introduction to mathematical structures*, Harcourt Brace Jovanovich

	Publishers, San Diego, 1989. ISBN-13: 978-0155434684. Edmund Landau: *Foundations of analysis*, Chelsea Publishing Company, New York; 3rd edition, 1966.
Reference website for this Course	https://ct.nagoya-u.ac.jp/portal/site/2021_0063215

Fundamentals of Biology I

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063311
Course Category	Sciences Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed. / 3 (13:00～14:30)		
Instructor	CARTAGENA Joyce Abad		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course

This course is designed to introduce the key concepts of biology and to provide the foundation for specialized courses. Furthermore, this course aims to encourage students to think like scientists and develop scientific reasoning and literacy skills.

●Objectives of the Course

The students will acquire the basic knowledge in the different fields of Biology such as: Cell Biology, Genetics, Molecular Biology, Microbiology, Evolutionary Biology and Biodiversity, and Plant Biology. After taking this course, the students are expected to be able to easily proceed to the more advanced Biology courses in their curriculum.

●Course Content or Plan

1. Cell Biology
   Lecture 1: Cell Structure and Function
2. Genetics and Molecular Biology
   Lecture 2: Cell Division and Sexual Reproduction
   Lecture 3: Genetics (Mendel's Experiments and Heredity, Modern Understandings of Inheritance)
   Lecture 4: DNA Structure and Function
   Lecture 5: Gene Expression
   Lecture 6: Biotechnology and Genomics
3. Evolution
   Lecture 7: Evolutionary Processes
4. Biological Diversity
   Lecture 8: Microbiology
   Lecture 9: The Evolution of Plant and Fungal Diversity
   Lecture 10: The Evolution of Vertebrate and Invertebrate Diversity
5. Plant Biology
   Lecture 11: Plant Structure and Function

●Course Prerequisites and Related Courses

A background in basic Biology from high school is not absolutely required but is ideal.

●Course Evaluation Method and Criteria

Attendance and class participation 30%
Home works (weekly) 20%
Examinations (midterm and final) 50%

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

Students are expected to read and understand one to three chapters (depending on topic) of the textbook every week, and come to class prepared for discussion. In order to assess students' understanding, home works will be assigned after every lecture.

●How to Respond to Questions

Communication with the instructor and teaching assistant outside of class hours will be via NUCT.

●Notice for Students

1. Course format
   The course will adapt a hybrid format, wherein lectures will be given online through Zoom and face-to-face in the assigned classroom (depending on the university guidelines). The detailed schedule will be

announced on the first day of class.

2. Course webpage
NUCT (Nagoya University Collaboration and Course Tools; https://ct.nagoya-u.ac.jp/portal) is an online system that will be used for this course. PowerPoint slides, recorded lectures, other learning materials (such as videos, websites, etc.) and home works will be accessible through this page.

3. Attendance
In case of emergency or absence from class, students should notify the instructor as soon as possible either by email or phone.

4. Make-up exam
Make-up exams may be given on condition that the student can provide acceptable reasons for his/her absence.

5. Academic honesty and original work
Cheating and copying (including plagiarism) will not be tolerated in this class. If caught cheating, students will receive necessary penalties, including getting an **F** in all registered courses for the semester.

6. Course withdrawal
Students who wish to withdraw from the course will have to submit a duly accomplished Course Withdrawal Form by November 24, 2021.

●**Message from the Instructor**
Students are highly encouraged to regularly check NUCT for important announcements from the instructor.

●**Courses taught by Instructors with practical experience**

Textbook	Biology 2e (2020) OpenStax, Rice University Digital Version ISBN-13 978-1-947172-52-4 https://openstax.org/details/books/biology-2e (Free online textbook)
Reference Book	Jane B. Reece, Martha R. Taylor, Eric J. Simon, Jean L. Dickey. 2019. Campbell Biology: Concepts & Connections, 9th Ed. Pearson (Global Edition) *or older edition
Reference website for this Course	

Outline of Engineering 3

Undergraduate / Graduate	Undergraduate	**Registration Code**	0083381
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed / 3 (13:00～14:30)		
Instructor	GRIB Dina, ZENG Gang, LELEITO Emanuel		
Contact e-mail of the Instructor			
For more information on syllabus, please refer to the School of Engineer's one.			

Pre-college Mathematics

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063411
Course Category	Sciences Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed. / 4 (14:45～16:15)		
Instructor	Richard Serge		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course

This course is a companion course to Calculus I. It aims to help students with little or no precalculus knowledge.

●Objectives of the Course

Its objective is to provide enough material to students such that they can master the content of Calculus I and be fully equipped for more advanced courses.

●Course Content or Plan

The content of this course will depend on the initial level in mathematics of the students attending it. It will mainly consist in a review of high school mathematics and in an additional help for students attending the course Calculus I.

●Course Prerequisites and Related Courses

No prerequisite.

●Course Evaluation Method and Criteria

Your final grade will be determined by your active participation during the lectures. It is necessary to submit a Course Withdrawal Request Form when a student has no intention of finishing the course during the semester.

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

No study load for this course.

●How to Respond to Questions

By email.

●Notice for Students

Check the website mentioned below for updated information. The lectures will be provided in a classroom and/or on Zoom depending on the situation

●Message from the Instructor

This course in an optional subject which does not count towards the number of credits required for graduation in any program at Nagoya University.

Textbook	Free textbook will be available on the website of the course.
Reference Book	Free reference books will be available on the website of the course.
Reference website	http://www.math.nagoya-u.ac.jp/~richard/fall2021.html

Introduction to Intercultural Competence

Undergraduate / Graduate	Undergraduate	**Registration Code**	0083481
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed / 4 (14:45～16:15)		
Instructor	KUSUMOTO Keiko		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
This course aims to equip students with knowledge on how to develop their own Intercultural Competence by enhancing their understanding of the fundamental models and concepts of Intercultural Competence through discussion and presentations, in order to prepare themselves for the international society.

●Objectives of the Course
Students will learn definitions, models and components of Intercultural Competence. Important concepts such as culture, language and identity, verbal/non-verbal communication, prejudice, stereotypes, generalization, ethnocentrism and cultural relativism will be explored in order to acquire knowledge to develop one's Intercultural Competence.

●Course Content or Plan
Students will be involved in discussions, group work and presentations to deepen their understanding on the topics covered.

Schedule *tentative

Oct 6 (W1) Introduction to the course
Oct 13 (W2) Definition of Intercultural Competence
Oct 20 (W3) Models and Components
Oct 27 (W4) Group Work
Nov 10(W5) Defining Culture
Nov 17 (W6) Culture, Language and Identity
Nov 24 (W7) Verbal and Non-verbal communication
Dec 1 (W8) Group Work
Dec 8 (W9) Prejudice, Stereotypes, Generalization
Dec 15 (W10) Ethnocentrism, Cultural Relativism
Dec 22 (W11) Group Work
Jan 12(W12) Presentations
Jan 19 (W13) Presentations
Jan 26 (W14) Presentations
Feb 2 (W15) Wrap up and final report submission

●Course Prerequisites and Related Courses
Required English Level：TOEFL PBT 523, TOEFL iBT 70, IELTS 5.5, TOEIC 730.

●Course Evaluation Method and Criteria
Final report 50%, presentation 30%, participation in class and attendance 20%
Withdrawal system applies. Contact and consult the instructor if you wish to withdraw from the course.

●Study Load (Self-directed Learning Outside Course Hours)
Students are required to read the materials in advance and prepare to participate in class.
Assignments will be also given at each class.

●How to Respond to Questions
Contact the instructor by e-mail [redacted]), but not through the NUCT.

●Notice for Students

・There are no specific office hours, students are welcome to visit the instructor's office between 10:30-17:00. It is advisable to contact the instructor in advance.

・Maximum number of students:20 students

●Message from the Instructor

Class participation is very important. Students are expected to participate actively in class.

●Courses taught by Instructors with practical experience

Textbook	There is not specific textbook. Materials will be provided through NUCT.
Reference Book	Reference lists will be provided in class.
Reference website for this Course	

Introduction to Career Development Theory

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063511
Course Category	InterD Liberal	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed. / 5 (16:30～18:00)		
Instructor	NIDHIYAMA Kiyohisa		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course

As the goal of this course, the participants of this course will get fundamental understanding about strategies for how to define problems in complex situations for proposing reasonable solutions as well as notions about the advantages of international students through lecture and activities.

●Objectives of the Course

The objective of this course is to provide skill sets required for effective career development with brief introduction to working culture in Japan. You may need to know how to behave as a team member in a community such as companies, research institutions for effective career development. The skill sets introduced in this lecture includes thinking tools for problem solving and value creation.

●Course Content or Plan

The participants will learn methodical part of this lecture through video contents with Q&A session provided by the lecturer. At the first phase of this lecture, mind mapping, brain storming and KJ method will be introduced as an effective strategy for team working. Then, some methodologies for problem solving from VE (Value Engineering) and TRIZ will be introduced. The participants will be asked to analyze real problems and propose solutions with respect to the methodologies. At the end of this lecture, the students will be asked to make final presentation exploiting the skill sets introduced through the course.

●Course Prerequisites and Related Courses

No prerequisites, but the students are expected to proactively join the activities.

●Course Evaluation Method and Criteria

Report assignments: 60%
Final presentation: 40%

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

In outside course hours, the students are required to self-study the contents of video lecture to challenge assignments. The lecture time will be spent to share the contents of assignments. The students should spend time not only for understanding the lecture contents but also making the attractive presentation material so that they can contribute to other students in the class.

●How to Respond to Questions

The students who have any question can contact the lecturer by e-mail. The lecturer is also going to have QA session in the lecture time.

●Notice for Students

1. In order to conduct activities and group work effectively, the class capacity is limited to a maximum of 20 students. Please ensure to attend the first class. If the number of students exceeds the stipulated class size, the course coordinator will advise students on registration policy.
2. Students are required to have an assignment submission rate of 80% or higher. The students who do not satisfy the required submission rate will not be allowed to submit final presentation and will earn a 'fail'.
3. Any instance of a student falsely presenting work that is not their own (e.g. plagiarism, cheating) is academic fraud and taken seriously by the University. Consequences may include failure of the assignment or course, suspension, or expulsion.
4. Need to submit a Course Withdrawal Request Form when students have no intention of finishing a course during the semester.

●Message from the Instructor

●**Courses taught by Instructors with practical experience**	
Textbook	None. Course materials will be distributed in the class
Reference Book	Richard N. Bolles, What Color Is Your Parachute? 2014: A Practical Manual for Job-Hunters and Career- Changers. Ten Speed Press, 2013
Reference website for this Course	

Agricultural Sciences

Undergraduate / Graduate	Undergraduate	**Registration Code**	0083581
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed / 5 (16:30～18:00)		
Instructor	INOUE Naoko		
Contact e-mail of the Instructor			
For more information on syllabus, please refer to the School of Agricultural Sciences's one.			

Special Mathematics Lecture
(differential equations and dynamical systems)

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063611
Course Category	Sciences Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Wed. / 6 (18:15～19:45)		
Instructor	Richard Serge		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
Differential equations and dynamical systems are playing an essential role in many research fields, and in particular for describing the evolution of systems. Our goal is to provide the necessary background information for understanding these evolutions and their asymptotic behaviors. The presentation will be accessible to all students, independently of their major.

●Objectives of the Course
Study the basic abstract theory of differential equations and dynamical systems, and discuss some applications according to the interest and to the motivation of the students.

●Course Content or Plan (tentative)
First-order and second-order differential equations
Linear systems of first-order differential equations
Planar systems and phase portraits
Nonlinear systems
Bifurcation theory
Discrete dynamical systems
Chaos

●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.

●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.

●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.

●How to Respond to Questions
By email.

●Notice for Students
It is expected that the students will show a certain maturity in studying independently and in choosing some exercises and problems to solve. Study sessions will be organized on a weekly basis.

●Message from the Instructor
This course in an optional subject which does not count towards the number of credits required for graduation in any program at Nagoya University.

Textbook	Free textbooks and lecture notes will be provided during the lectures
Reference Book	Free reference books will be provided during the lectures
Reference website	http://www.math.nagoya-u.ac.jp/~richard/SMLfall2021.html

Biotechnology

Undergraduate / Graduate	Undergraduate	**Registration Code**	0064311
Course Category	Sciences Liberal	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Thu. / 3 (13:00～14:30)		
Instructor	CARTAGENA Joyce Abad		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course

This course is designed to provide basic knowledge on biological processes that will help students understand the science behind the technologies. In order for students to appreciate the application of biotechnology in everyday life, practical examples of actual technology used in the industry will be presented and discussed in the lectures. Furthermore, this course will tackle the benefits and drawbacks of Biotechnology to humanity and the environment.

●Objectives of the Course

The students will acquire the very basic knowledge of biology and the related technologies and be able to give intelligent opinions regarding the issues related to Biotechnology. This course will provide a venue for students to freely express their opinions and a chance to discuss with other students in order to appreciate the different opinions among their peers.

●Course Content or Plan

I. Introduction: The nature of Biotechnology
Lecture 1: Basic Science of Biotechnology
Lecture 2: Technologies and Tools in Biotechnology

II. Products of Biotechnology:
Lecture 3: Microbial Biotechnology
Lecture 4: Plant Biotechnology
Lecture 5: Animal Biotechnology
Lecture 6: DNA Fingerprinting and Forensic Analysis
Lecture 7: Aquatic Biotechnology and Bioremediation
Lecture 8: Medical Biotechnology

III. Biotechnology Regulations
Lecture 9: Regulations and Ethics

●Course Prerequisites and Related Courses

None

●Course Evaluation Method and Criteria

Attendance and class participation 30%
Group presentation 20%
In-class work/homework (weekly) 20%
Examination (final) 30%

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

In order to assess students' understanding, home works (individual and in groups) will be assigned after every lecture.

●How to Respond to Questions

Communication with the instructor and teaching assistant outside of class hours will be via NUCT.

●Notice for Students

1. Course format
The course will adapt a hybrid format, wherein lectures will be given online through Zoom and face-to-face in the assigned classroom (depending on the university guidelines). The detailed schedule will be

announced on the first day of class.

2. Course webpage
NUCT (Nagoya University Collaboration and Course Tools; https://ct.nagoya-u.ac.jp/portal) is an online system that will be used for this course. PowerPoint slides, recorded lectures, other learning materials (such as videos, websites, etc.) and home works will be accessible through this page.

3. Attendance
In case of emergency or absence from class, students should notify the instructor as soon as possible either by email or phone.

4. Make-up exam
Make-up exams may be given on condition that the student can provide acceptable reasons for his/her absence.

5. Academic honesty and original work
Cheating and copying (including plagiarism) will not be tolerated in this class. If caught cheating, students will receive necessary penalties, including getting an **F** in all registered courses for the semester.

6. Course withdrawal
Students who wish to withdraw from the course will have to submit a duly accomplished Course Withdrawal Form by November 25, 2021.

●**Message from the Instructor**
Students are highly encouraged to regularly check NUCT for important announcements from the instructor.

●**Courses taught by Instructors with practical experience**

Textbook	None
Reference Book	Introduction to Biotechnology 4/e 2019 (Pearson) ISBN 9780134650197 *or older edition Authors: W.J. Thieman and M.A. Palladino
Reference website for this Course	https://media.pearsoncmg.com/bc/bc_thieman_biotech_4/cw/

Calculus I

Undergraduate / Graduate	Undergraduate	**Registration Code**	0064511
Course Category	Sciences Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Thu. / 5 (16:30～18:00)		
Instructor	Richard Serge		
Contact e-mail of the Instructor	[redacted]		

●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. Our goal is to learn the fundamental theory at the root of all these applications.

●Objectives of the Course
The aim of the first half of this one-year course is to provide a solid understanding of functions of one real variable. The students will become familiar with the various tools necessary for the analysis of such functions and for their applications.

●Course Content or Plan
1. Limits and continuity: Basic properties of limits of sequences and functions, continuous functions and their basic properties, maxima and minima, asymptotic properties of functions.
2. Differentiation: Basic properties of the derivative and its interpretation, mean value theorem, higher derivatives, Taylor series.
3. Integration: Riemann integral and its properties, improper integrals, the fundamental theorem of calculus.

●Course Prerequisites and Related Courses
Some basic knowledge on calculus from high school is assumed, including differentiation and integration of polynomial functions. Students are encouraged to attend the related Math Tutorial Ia.

●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. 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.

●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 lecture of Calculus I before attending the next lecture.

●How to Respond to Questions
By email.

●Notice for Students
Check the website mentioned below for updated information. The lectures will be provided in a classroom and/or on Zoom depending on the situation.

Textbook	Free reference books and lecture notes will be available on the website of the course.
Reference Book	Free reference books will be available on the website of the course.
Reference website	http://www.math.nagoya-u.ac.jp/~richard/fall2021.html

Health and Sports Science: Lecture

Undergraduate / Graduate	Undergraduate	**Registration Code**	0065211
Course Category	Basic GE, Sports	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri. / 2 (10:30～12:00)		
Instructor	KOIKE Teruhiko, SAKAI Takashi		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course

Students improve their lifestyles through behavior change and enhance their ability to protect them from diseases.

●Objectives of the Course

1. Students can gain scientific knowledge about drugs, diet, and exercise.
2. Students can gain basic knowledge about epidemiology and statistics, and increase the ability to interpret the clinical studies
3. Students will experience the effect of behavior change.
4. Students can learn the importance of mental health.
5. Students can learn how to prevent infectious diseases.

●Course Content or Plan

Session 1 Lifestyle (Koike)
- ① Alcohol and Smoking
- ② Diet
- ③ Exercise
- ④ Obesity and diabetes

Session 2 Infectious diseases (Koike)
- ① How to prevent infection?
- ② SARS-CoV-2 Covid-19
- ③ HIV/AIDS (Koike)

Session 3 Brain and Mental Disorder (Sakai)
- ① Sleep
- ② Depression
- ③ Psychoanalysis

●Course Prerequisites and Related Courses

None

●Course Evaluation Method and Criteria

Final exam (50%); Assignment and Quiz (50%)
Students who are absent from the final examination will get an “Absent” grade.
Students do not need to submit a Course Withdrawal Form for course withdrawal.

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

Students need to plan, do, and report a project on lifestyle change.

●How to Respond to Questions

Message function of NUCT

Textbook	None (Reading materials will be available from the Website.)
Reference Book	None
Reference website for this Course	Nagoya University Collaboration and Course Tools (NUCT)

Lecture on Social Psychology II

Undergraduate / Graduate	Undergraduate	**Registration Code**	0085382
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri / 3 (13:00～14:30)		
Instructor	TANIGUCHI Norihito		
Contact e-mail of the Instructor			
For information on syllabus, please refer to the School of Education's one.			

Literature

Undergraduate / Graduate	Undergraduate	**Registration Code**	0065411
Course Category	Arts Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri / 4 (14:45～16:15)		
Instructor	MC GEE Dylan Patrick		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
Few audiences in Japan read works of classical Japanese literature in their entirety, or in the original language. Nowadays, it is more common for people to form connections to texts through adaptations and remediations—be it through storybook versions of classics like the *Tale of the Bamboo Cutter*, works of manga, anime, live-action television drama and film, theatrical adaptations, fan fiction, video games, or a host of non-narrative media. While adaptation to more accessible forms of media helps ensure the continuation of Japan's literary heritage, it usually comes at the cost of changes or effacements to the original texts. This is important to keep this in mind when attempting to assess the cultural impact of texts, or how the reception and interpretations of texts have changed over time.

●Objectives of the Course
In this class, we will be reading works of classical Japanese literature and comparing them with adaptations in other formats and media. Through this comparative approach, we will seek to understand literary texts as sites of open interpretation, where meanings are constantly negotiated and renegotiated over time, and verbal and visual codes are translated across media for different audiences. In other words, we will learn about the processes of adaptation. All primary readings for this course will be in English translation, with Japanese versions available for any student who is interested in reading in Japanese. Students are not required to have reading proficiency in Japanese or any prior background in Japanese Literature, East Asian Studies, or the Humanities prior to taking this course. All are welcome!

●Course Content or Plan
Course content will be organized into fourteen individual modules, each focusing on a particular topic or theme. Each class meeting with include a lecture module and ample time for discussion.

●Course Prerequisites and Related Courses
There are no academic prerequisites for this class. However, in order to ensure an optimal learning experience, you are strongly encouraged to have the following:

-- A desktop or laptop computer (smartphones not suited for online discussion and writing)
-- Access to a quiet, private space with a reliable WIFI connection
-- A working camera, microphone, and set of speakers (standard on most computers)
-- A browser capable of opening PDF documents
-- Capacity for viewing video lectures with file sizes of 500 MB or more
-- An e-mail account that you check regularly (for communication and submission of final papers)

●Course Evaluation Method and Criteria
Assessment in this course will be according to a contract system. At the start of the semester, each student will be given a choice of three different learning tracks, each with a different set of tasks and learning objectives that will culminate in a fixed grade. Upon successfully meeting all the objectives in their chosen track, students will earn the grade they signed up for. Specific details about the assessment schedule for each track can be viewed on the online version of the syllabus, which will be accessible starting on Friday, September 17th (see below for link).

●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 two to three hours per week reading, researching, and writing.

●How to Respond to Questions
I am happy to respond to student questions at any time during class discussion. Additionally, students who have

questions outside of class may meet with me during my designated office hours (Fridays, 16:30-18:00 on ZOOM during Fall 2021 semester) to discuss the material.

●Notice for Students

As of this writing, my plan is to teach this class online in Fall 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.

If you are considering enrolling, or if you are still on the fence and would simply like to learn more about the course content, please visit the following signup sheet page on Google Docs so that I can send you an invitation to the course site:

https://docs.google.com/forms/d/1lkWaoHxxhjsBljYI4Jjkw4yzyMXZJ3zeJR_l016f-4c/edit

If you cannot access Google Docs for whatever reason, you can also e-mail me for an invitation at: [redacted].

Note that I will be opening the course site on Friday, September 17th. That way, you can view the online version of the syllabus, peruse the schedule of course readings, and even get a head start working on some of the lesson modules before the semester starts.

If, after enrolling in the course, you wish to withdraw, please complete the required procedures by the deadline. Note that enrollment and withdrawal procedures may be different, depending on your program. Also, 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 enrollment procedures, please consult with the office.

●Message from the Instructor

●Courses taught by Instructors with practical experience

Textbook	All course readings will be provided to students on the first day of class. There is no textbook to purchase.
Reference Book	All list of reference works will be provided on the first day of class.
Reference website for this Course	

Lecture on Cross-cultural Education

Undergraduate / Graduate	Undergraduate	**Registration Code**	0085481
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri / 4 (14:45～16:15)		
Instructor	TANIGUCHI Norihito		
Contact e-mail of the Instructor			
For information on syllabus, please refer to the School of Education's one.			

German 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0025501
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri / 5 (16:30～18:00)		
Instructor	TANIGUCHI Yumiko		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
The purpose of this course is to help students develop their intercultural understanding and enrich their education.

●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.

●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

各内容を1ないし2時間かけて学びます

●Course Prerequisites and Related Courses
後期のみの授業です。

●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。

●Study Load(Self-directed Learning Outside Course Hours)
必要に応じて授業で示す。

●How to Respond to Questions
NUCT のメッセージ機能、メール

●Notice for Students
ペア・グループ練習に積極的に参加してください。

●Message from the Instructor
●Courses taught by Instructors with practical experience

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
Reference website for this Course	

French 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0025502
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri / 5 (16:30～18:00)		
Instructor	GARRABET Christophe		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
Classes "French 1,2,3,4" aim to develop general skills of reading, writing, speaking and listening, complementarily of the class of grammar.

●Objectives of the Course
More specifically, this class will focus on conversation, pronunciation and reading. In addition, it will promote interest in French-speaking societies and cultures to help students to acquire basic knowledges.

●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。

●Course Prerequisites and Related Courses
履修条件は要さない。

●Course Evaluation Method and Criteria
口頭テスト６０％/ 学期末の筆記試験４０％
３回以上無断欠席の場合は、最終評価が「欠席」となります。

●Study Load(Self-directed Learning Outside Course Hours)
この授業では毎回アクティビティを行うため、自宅学習のみでは補うことができません。ですから欠席・遅刻をしないようにすること。

●How to Respond to Questions
1. e-mail
2. オフィスアワー：金曜日 13:30-14:30
研究室：文学部本館 4F418

●Notice for Students
●Message from the Instructor
●Courses taught by Instructors with practical experience

Textbook	配布プリントを使用
Reference Book	授業中に適宜指示をする。
Reference website for this Course	

Russian 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0025503
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri / 5 (16:30～18:00)		
Instructor	YAMAZAKI Tachiana		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
This course begins with the practice of pronunciation. Its primary objective is to develop the basic skills essential for the comprehensive and effective acquisition of Russian grammatical structures and for reading written texts.

●Objectives of the Course
Moreover, 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.

●Course Content or Plan
この授業では、ロシア語１とロシア語２によってロシア語の基礎的な文法事項を習得し始める。
授業テーマ
１．発音（２）：ロシア語の母音とアクセント、子音の同化
２．名詞の性と数（２）：男性名詞、中性名詞、女性名詞。
３．簡単な文：「これは誰・何ですか？」、「これはーです」の表現
４．動詞の過去形：文法性と過去形と正字法の規則
５．名詞の格変化（２）：生格と否定生格
６．所有構文：「私にはーがあります」の構文とその過去形と未来形
７．動詞の変化：命令法
８．形容詞（２）：形容詞短語尾形
９．無人称文
１０．副詞の派生、不定人称文
１１．名詞の格変化（４）：造格
１２．格の用法：動詞の格支配、前置詞と格との結びつき
１３．人称代名詞の変化とその他の代名詞の変化
１４．数詞（２）：様々な数詞を用いた表現、値段の表現
１５．形容詞の比較級、最上級の作り方

●Course Prerequisites and Related Courses
ロシア語１とともに履修すること。

●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。

●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。

●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。

●Notice for Students
露和辞典を必ず持参すること。

●Message from the Instructor
大学生になったことを実感することの一つに新しい外国語を学ぶことがあるのではないでしょうか。新鮮なこの思いも時が経つにつれて次第に重荷になる人が多いようですが、そうならないためにも腰を落ち着けてじっくりと語学を学んで行くことが必要です。以下ではロシア語を学ぶ際に必要となる辞書について書いてみましょう。ロシア語は語形が複雑に変化しますので、語の形を辞書で引いてもそのままの形では辞書に出ていないことが多いのです。文法が少し分かりかけた段階で辞書を使えばよいでしょう。
（1）『小学館プログレッシブロシア語辞典』(小学館)：この辞典は数年前に刊行された最新の露和辞典です。収録語彙数は 6 万語あり、初級や中級者にとって充分あり安心できます。和露の語彙も 1 万語付け加えられています。初学者向けに発音表記に仮名も付し配慮されてもいます。コンパクトなサイズですので文字が細かいけれど、持ち運びには楽です。
（2）『岩波ロシア語辞典』（岩波書店）：この辞典は前記の辞典より語彙数は少なく、
１３万語ぐらいのものです。しかし比較的新しい語彙が載っています。また研究社の辞書とほぼ同じ大きさにも拘わらず、語数が少ないだけに辞書が見やすくなっています。勿論、文法的な項目や例文等もしっかりしていますし、何よりも全体的に洗練されています。
　初級者にも引きやすく、しかも学問的にもしっかりした辞書には次のものがあります：
（3）『博友社ロシア語辞典』（博友社）：この辞書は改訂版が出て新しくなりました。
辞書の語彙数は６万語ぐらいです。この数は初級・中級者に丁度良い語彙数ですし、例文も初級の人にはわかりやすいものです。また簡単な和露語彙集が付いていますし、各単語に発音記号が表記されています。
（4）『研究社露和辞典』（研究社）：この辞典は語彙数２６万語と我が国最大の辞書です。語彙数だけでなく文法事項や例文・用例、慣用的表現などが豊富に載せられており、これ一冊あれば他のロシア語の辞典は必要ないほどのものです。

●Courses taught by Instructors with practical experience

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。
Reference website for this Course	

Chinese 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0025504
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri / 5 (16:30～18:00)		
Instructor	KASAI Naomi		
Contact e-mail of the Instructor	[redacted]		

●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.

●Objectives of the Course
This is a course for students who are learning Chinese for the first time to develop basic knowledge and operational skills related to Chinese based on a consistent lesson plan.

●Course Content or Plan
中国語の初級段階を総合的に学習し，音声面・文法面・表現面において中国語の全体像がつかめるような基礎的能力の養成を目標とする。中国語２は，中国語１とセットの授業であり，相互に補完しあう関係にある。中国語２では，各音節を声調を伴って正確に発音できるように授業を進め，さらに，単語の暗記や短いセンテンスの会話文の練習をしつつ，基礎的な文法を身に付けていく。

具体的な授業内容は以下の通りである。

1．発音（１）声調（四声）　ピンイン　簡体字
2．発音（２）母音　子音（有気音と無気音）
3．発音（３）子音（鼻母音）　軽声　ほか
4．発音（４）声調変化　あいさつ言葉　ほか
5．自己紹介：人称代名詞　動詞“是”　名前の尋ね方・答え方　ほか
6．年齢・家族・趣味について聞く：数字　副詞“也”と“都”　動詞“有”　ほか
7．買い物をする：指示代名詞　助数詞　形容詞述語文　ほか
8．場所を尋ねる・時刻を告げる：方位詞　年月日・曜日・時刻　動詞“在”　ほか
9．生活の様子を話す：可能の助動詞“会”“能”“可以”　様態補語　動詞“喜欢”　ほか
10．まとめ・復習

●Course Prerequisites and Related Courses
原則として中国語１とともに履修すること。

●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。

※COVID-19の流行状況により変更がありうるので、授業時及びNUCTにおける教員のアナウンスに十分注意すること。

●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。

●How to Respond to Questions
授業時のほか、NUCT の「フォーラム」・「メッセージ」、E-mail などでの質問を歓迎します。

●Notice for Students
●Message from the Instructor
授業上の注意
・最初の授業でガイダンスを行います。
・参考書，辞書についてはガイダンスで説明します。
・初級中国語の最重要ポイントは発音です。十分な時間をかけて練習を繰り返します。
・再試験は，定期試験では合格点に達しなかったが，再試験においては合格の可能性があると担当教員が判断した場合に行います。

●Courses taught by Instructors with practical experience

Textbook	中桐典子・余瀾著『あなたが主役　演じる入門中国語』（朝日出版社）
Reference Book	必要に応じて授業で紹介する。
Reference website for this Course	

Spanish 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0025505
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri / 5 (16:30～18:00)		
Instructor	P. Apaza		
Contact e-mail of the Instructor	[redacted]		

●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 first-semester course focuses on the basic grammar of Spanish necessary to develop communicative skills at a basic level.

●Objectives of the Course
1)　スペイン語の形態的特徴（活用，語形変化など）及び構文的特徴（語順や一致の法則など）についての基本的な知識を身に着ける。
2)　スペイン語の動詞の直説法現在形の活用を，不規則変化も含めて，理解し，身に着ける。
3)　スペイン語であいさつでき，現在のことについての簡単な会話ができるようになる。

●Course Content or Plan
同一の教科書「エクセレンテ!!!」（第3版）を用いて，スペイン語１とスペイン語２両科目２名の教員が連繋し授業を担当する。したがって週２回，同一の教科書による授業が行われる。
主要な学習内容は以下のとおりである。
第１課　文字と発音　アルファベット　母音　子音　音節・アクセントの規則
第２課　冠詞　名詞「男性名詞と女性名詞」　単数形と複数形　形容詞１
第３課　主格人称代名詞　ser動詞，形容詞２　疑問詞
第４課　estar動詞　指示形容詞・代名詞
＊第４課終了をめどに中間テストを行う。
第５課　直説法現在　直接・間接目的格人称代名詞　時刻の表現
以上で、名詞・形容詞系の変化の基礎の学習を終える。
第６課　hay存在文　不定語(1)　否定語　gustar型動詞
第７課　直説法現在（不規則動詞A，B，tener）
第８課　直説法現在（不規則動詞C，D）
以上で、動詞の現在形と目的格代名詞の用法の基礎の多くを終える。
授業各回には予習が必須である。

●Course Prerequisites and Related Courses
この授業は火曜５限のレニン・グティエレス教官とリレー式で行う。

●Course Evaluation Method and Criteria
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。

●Study Load(Self-directed Learning Outside Course Hours)
必要に応じて授業で示す。

●How to Respond to Questions
メールで連絡してください。

●Notice for Students

●Message from the Instructor

《辞書について》

西和辞書を必ず授業時に用意してください。ここでは書籍の辞書について説明します。和西辞典と電子辞書については、「スペイン語３」で説明します。

いくつかスペイン語の辞書が発行されていますが、入門者にはある程度語彙数のある中辞典規模のものがよいということが一般に言えます。あまりに小さい辞書は、探している語が見つからなかったりしてむしろ使いにくいです。ここでは学習者がよく使用する辞書をいくつか紹介します。

＊「プログレッシブ　スペイン語辞典　第２版」（小学館　２０００年）見出し語を２万５０００語に抑え、そのすべてに発音記号とカナ発音を併記。巻末には簡単な和西辞典と旅行会話集も添えられている。

＊「現代スペイン語辞典　改訂版」（白水社　１９９９年）見出し語は４万６５００語。２色刷り。用例の解説に優れる。

＊「クラウン西和辞典」（三省堂　２００５年）見出し語５万２０００語。フルセンテンスの用例が豊富。

＊「プエルタ新スペイン語辞典」（研究社　２００６年）見出し語は４万２０００語。図版や写真多。スペインおよび南北両大陸の様々なインフォーマントから日常の用例を豊富に収録。

＊「小学館西和中辞典第２版」（小学館　２００７年）見出し語８万語で類書中最多。重要語２０００語が大見出しになっている。詳細な専門用語集が囲み記事になり、百科事典的要素も兼ね備えている。

●Courses taught by Instructors with practical experience

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
Reference website for this Course	Spanish | Spanish site at Nagoya U. (nagoya-u.ac.jp)

Korean 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0025506
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri / 5 (16:30～18:00)		
Instructor	KUROSAKI Keiko		
Contact e-mail of the Instructor	[redacted]		

●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.

●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着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。

●Course Content or Plan
朝鮮・韓国語１と２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。

・文字と発音
・発音のルール
・基本的な助詞
・名詞文とその否定（「～です」「～ではありません」
・自己紹介の表現
・疑問詞
・数詞
・指示語
・存在表現（「ある・いる」「ない・いない」）
・用言の活用
・丁寧形の語尾
・否定形
・並列と逆接の接続語尾
・過去形
・予定の表現
・希望表現

授業は基本的に、教科書に沿って一つの課を1～2回で終えるペースで進めていく。

●Course Prerequisites and Related Courses
朝鮮・韓国語１と２は両方とも履修することを推奨する。どちらか片方のみを受講することも可能ではあるが、両方を受講していることを前提として授業を進行するので、片方のみの受講の場合は、受講しないほうの授業の学習事項を自習すること。

●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。

●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。

●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。

●Notice for Students
辞書（電子辞書も可）を各自購入し、毎回の授業で持参すること。
なお、朝鮮・韓国語学習に関する情報は以下のウェブページに掲載されることがあるほか、Twitter（@meidai_korean）にも情報が掲載されることがある。

●Message from the Instructor
●Courses taught by Instructors with practical experience

Textbook	長谷川由起子『コミュニケーション韓国語：聞いて話そう I』（白帝社） ISBN: 978-4-86398-086-0（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
Reference website for this Course	名古屋大学の朝鮮・韓国語	Korean at Nagoya University (nagoya-u.ac.jp) 名古屋大学の朝鮮・韓国語：オンライン学習 (google.com)

Special Lecture (Studium Generale I)

Undergraduate / Graduate	Undergraduate	**Registration Code**	0065511
Course Category	InterD Liberal	**Credits**	2.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri. / 5 (16:30～18:00)		
Instructor	VASSILEVA Maria		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course

The name “Studium Generale” means “General Studies” in Latin and comes from old European universities, still used in many German universities. The course focuses on “diversity”. The goal is for students to get exposure to different ideas – from both the speakers and other participants. The course cultivates a multifaceted view of the world and communication skills, which are fundamental competencies for future members of the society. **ストゥディウム・ゲネラーレ**とはヨーロッパで 800 年の伝統を持つ「開かれた大学」です。その理念に基づいた講義を体験することを狙う。様々なトピックで初心者にも分かりやすく噛み砕いた講義を英語で開講します。対象者は皆さんです！**使用言語は英語。学内留学の気分!**

●Objectives of the Course

Students will increase their understanding and appreciation of wide range of scientific fields, as well as business, careers and arts topics. Students will gain experience discussing with participants from other majors and countries. Student develop these competencies while using English language.

●Course Content or Plan

The format of the course includes talks by invited speakers and guided discussions among participants.
A different speaker, from Nagoya University or elsewhere, gives each talk thus the content of each session is different.

This course is conducted entirely online. The lectures are provided as recorded videos and are accessible any time (on-demand online). Class time is used for interactive group discussions (live online).
The exact schedule and instructions on how to access the course materials will be provided on NUCT.

●Course Prerequisites and Related Courses

No prior scientific knowledge in any field is required. Everyone is welcome!

●Course Evaluation Method and Criteria

This course provides a choice of TWO LEARNING TRACKS, to encourage students to make proactive decisions on how they engage with the course content, and to manage their work load.

Individual Learning Track:
Written report for each lecture (70%); Participation in 5 discussion sessions (30%)

Team Project Learning Track:
Written report for 5 lectures (40%); Participation in 5 discussion sessions (30%); Team project (30%)

Lecture reports grading criteria: Each report should answer the provided questions and be several sentences long. Grading criteria for reports: (1) understanding lecture content, (2) logical thinking and analysis of lecture content, (3) organization of text, and (4) English language usage. A detailed grading rubric is provided on the course site.

Team project grading criteria: Each team should prepare one project using a topic related to one course lecture. The project should be the work of the entire team and be presented in English during the designated class at the end of the course. The project is graded based on (1) team effort, (2) topic development, (3) presentation and (4) English language usage.

Withdrawal (W) grade: 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. Students who register but never come to class will receive an W grade. この講義を最後まで履修しない場合には、履修取り下げ届を提出すること。この手続きは、授業期間中いつでも可能。

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

This course will expect watching lecture videos and submitting report on the lecture content outside class hours. The report completion may sometime involve independent small online research.
Students who choose Team project learning track will work on their project outside class hours.

●How to Respond to Questions
Email course manager Prof. Vassileva at [redacted]

●Notice for Students
1. This course uses the second Nagoya University online platform – Canvas. Access instructions will be provided on the course NUCT site.
2. Note that this course is also an open course! Participants who are not undergraduate university students register through a separate course website. ILAS students do not need to register there.
Participants registering for the Open Course (through the course website) follow separate requirements to receive a Certificate of Completion. These requirements DO NOT apply to credit-seeking students registering as ILAS course.

●Message from the Instructor
Videos of some previous talks may be seen on Nagoya University OCW page:
http://ocw.nagoya-u.jp/index.php?lang=en&mode=c&id=624&page_type=index

Some lectures have been translated into Japanese and added to the NUAcL webpage:
http://nuact.ilas.nagoya-u.ac.jp/ocw/index.html

●Courses taught by Instructors with practical experience

Textbook	none
Reference Book	none
Reference website for this Course	

Intermediate Korean 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0081201
Course Category	Basic GE, Language II	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Mon / 2 (10:30～12:00)		
Instructor	UTSUGI Akira		
Contact e-mail of the Instructor	[redacted]		

●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.

●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。

●Course Content or Plan
この授業では、教科書を1課につき1～2回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。

・意図の表現
・電話での会話
・約束と提案の表現
・用言の連体形
・変則用言
・理由の表現
・経験と試みの表現
・道案内の表現
・簡単な文章の読解

●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。中級朝鮮・韓国語１の履修の有無は問わない。

●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。

●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。

●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。

●Notice for Students
辞書（電子辞書も可）を各自購入し、毎回の授業で持参すること。
なお、朝鮮・韓国語学習に関する情報は、以下のウェブページや Twitter（@meidai_korean）に掲載されることがある。

●Message from the Instructor

●Courses taught by Instructors with practical experience	
Textbook	カナタ韓国語学院『カナタ Korean 初級 2』国書刊行会、2013 ISBN：978-4-336-05678-8
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
Reference website for this Course	名古屋大学の朝鮮・韓国語	Korean at Nagoya University (nagoya-u.ac.jp) 名古屋大学の朝鮮・韓国語：オンライン学習 (google.com)

Intermediate Chinese 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0081301
Course Category	Basic GE, Language II	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Mon / 3 (13:00～14:30)		
Instructor	MAEDA Mitsuko		
Contact e-mail of the Instructor	[redacted]		

●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.

●Objectives of the Course
The aim of this course is to strengthen the basic skills of the Chinese language and improve its application skills.

●Course Content or Plan
中国語中級のテキストを用いる。耳で聴き発音を確認し、これまでに習得した単語・文法事項を復習・確認しながら正確に読解し、中国についての理解を深める。

具体的な授業内容は以下の通りである。
０．初級の復習
１．大学生の週末：動詞の重ね型　ほか
２．飲食習慣：結果補語　ほか
３．北京の交通事情：“就”の用法　ほか
４．好まれる数字：疑問詞の不定用法　ほか
５．大学生のアルバイト事情：極端さを表す表現　ほか
６．集団生活の長所：存現文　ほか
７．値引き交渉：様態補語・程度補語　ほか
８．贈り物のこだわり：方向補語　ほか
９．中国式結婚：“把”構文　受身文　ほか
１０．共働き家庭：可能補語　ほか
１１．中国人の呼び方：“不是～、而是…”　ほか
１２．理想の職業：比較文　ほか

原則として１回に１課をこなし、学び終えたものについては次回必ず何らかの形で復習（耳で聴いて訳すことを中心に）を行なう。そうすることによってさらに高度な文法的知識やより多くの語彙を確実に身につけ、使えるものにしていく。

●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・単語・文法事項等）を習得していること。

●Course Evaluation Method and Criteria
平常点（毎回の復習・課題・提出物・授業態度）８０％、試験２０％。
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。

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

・教科書の該当箇所を指示に応じて予習して授業に出席すること。
・授業で扱った範囲の教科書の本文・例文について、正しく発音できるように、また滞りなく訳せるように練習すること。

●How to Respond to Questions
NUCT によるメッセージ，メール

●Notice for Students
●Message from the Instructor
授業上の注意
・最初の授業でガイダンスを行います。日程を正しく把握し参加してください。
・参考書，辞書についてはガイダンスで説明します。
・毎回の復習をきちんとこなすなどの積極的授業態度を求めます。

●Courses taught by Instructors with practical experience

Textbook	『知っておきたい中国事情改訂版』吉田泰謙・相原里美・葛婧（白水社）
Reference Book	必要に応じて授業時に指示する。
Reference website for this Course	

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

Undergraduate / Graduate	Undergraduate	**Registration Code**	0021417
Course Category	Basic GE, Sports	**Credits**	1.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Mon. / 4 (14:45～16:15)		
Instructor	KATAYAMA Keisho		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
Course that promote 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 objectivities of this class are to emphasize the development of fundamental BADMINTON skills, knowledge of game rules, and tactics of play. The students play mixed doubles. The students are expected to deepen their understanding of this game and also to communicate well with a partner in class.

●Course Content or Plan
1. An orientation session for incoming freshmen.
2. An orientation session for badminton class.
3. The rules of the doubles game.
3. Fundamental skill training.
4. Adapted skill training.
5. Team offensive and defensives tactics.

●Dress Code and Equipment
Comfortable SPORTSWEAR and INDOOR SPORTS SHOES must be worn. If the appropriate attire is not worn to this class, attendance will not be counted. The students who do not have enough clear eyesight, the use of contact lens is strongly recommended.

●Course Evaluation Method and Criteria
Evaluated by the ATTENDANCE and active participation (70%), badminton skills and knowledge (20%), and communication skills (10%). The students missing more than FOUR classes for any reasonwill 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, 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, or no school attendance, the instructor may give a grade of “Withdrawal” based on their judgment.

●Study Load (Self-directed Learning Outside Course Hours)
The self-directed learning is about understanding rules of the doubles game, fundamental skills, and team offensive and defensives tactics.

●Notice for Students
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 badminton. Please send a message through NUCT if you have a question or inquiry.

Textbook	The website about badminton will be introduced in class if necessary.
Reference Book	If necessary, the book will be introduced in class.
Reference website for this Course	https://bwfbadminton.com/

Academic Japanese (Reading & Writing) V

Undergraduate / Graduate	Undergraduate	**Registration Code**	0061431
Course Category	Sciences Basic	**Credits**	1.5
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Mon. / 4 (14:45～16:15)		
Instructor	TOKUHIRO Yasuyo		
Contact e-mail of the Instructor	[redacted]		

Academic Japanese (Reading & Writing) V [Kanji 2200]

●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.

●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.

●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

●Course Prerequisites and Related Courses

Participants should already know about 600-800 kanji.

●Course Evaluation Method and Criteria

Attendance: 30%, Participation: 20%, Kanji tests: 50%

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

Students' homework is to learn 80 kanji and 240-640 words every week.

●How to Respond to Questions

Respond to questions by email or during class.

●Notice for Students

This course is conducted online interactively.

Textbook	『日本語学習のための よく使う順 漢字２２００』 三省堂 2,500 円+税 ISBN978-4-385-14074-2
Reference Book	後半の練習問題： https://dictionary.sanseido-publ.co.jp/dicts/ja/kanji2200/wb/yomikaki_Q-A/index.html
Reference website for this Course	https://ocw.nagoya-u.jp/index.php?lang=ja&mode=c&id=441&page_type=materials

Complex Analysis

Undergraduate / Graduate	Undergraduate	**Registration Code**	0061531
Course Category	Sciences Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Mon. / 5 (16:30～18:00)		
Instructor	DARPOE Erik Olof		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
Courses designed to promote an understanding of the study of natural sciences and to foster independent decision-making capabilities.

●Objectives of the Course
To introduce the basic theory of analytic functions in a single complex variable.

●Course Content or Plan
Complex numbers: *The complex number system, properties of the complex numbers, Cartesian and polar form.*
The aim of this part is to get familiar with the complex number system.
Analytic functions: *Elementary functions, continuity, analytic functions, the Cauchy–Riemann equations, derivatives of analytic functions.*
The aim of this part is to get familiar with the concept of differentiability for complex functions. We will emphasize the link with functions from the real plane to itself.
Integrals: *Line integrals, Cauchy's theorem, Cauchy's integral formula.*
Complex line integrals have the noticeable property to be (under certain conditions) independent of the choice of the line between the end points. We will focus on the study of this behaviour.
Power series: *Complex power series, the power series expansion of an analytic function.*
We will prove the result that a complex function is analytic if and only if it is locally representable by a power series.

●Course Prerequisites and Related Courses
A good command of calculus in one and several variables, as well as basic linear algebra, is indispensible to understand the content of this course. Prior knowledge of complex numbers will be helpful, but is not necessary.

●Course Evaluation Method and Criteria
Homework assignments and written examination.

Course withdrawal: Any student who does not participate in the final exam will receive the grade W. It is not necessary to submit a course withdrawal request form.

●Study Load (Self-directed Learning Outside Course Hours)
A number of homework assignments will be given during the course. It is also strongly recommended to revise the content of lectures continuously, and to solve exercises from the course book.

●How to Respond to Questions
Contact via email, NUCT, or individual appointment on demand.

●Notice for Students
●Message from the Instructor
Students who are not present in Nagoya who wish to take the course are requested to contact the instructor in advance, before the start of the course.

●Courses taught by Instructors with practical experience

Textbook	None

Reference Book	1. Marsden, Jerrold E.; Hoffman, Michael J.: Basic complex analysis. Third edition. *W. H. Freeman and Company, New York,* 1999. 2. Freitag, Busam: Complex analysis. Second edition. Universitext. *Springer-Verlag, Berlin,* 2009. 3. Maad Sasane, Sara, Sasane Amol: A friendly approach to complex analysis. *World Scientific Publishing Co. Pte. Ltd., Hackensack, NJ,* 2014.
Reference website for this Course	https://ct.nagoya-u.ac.jp/portal/site/2021_0061531

Intermediate French 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0081501
Course Category	Basic GE, Language II	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Mon / 5 (16:30～18:00)		
Instructor	GARRABET Christophe		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
Classes "French 1,2,3,4" aim to develop general skills of reading, writing, speaking and listening, complementarily of the class of grammar. They also provide a deepen understanding of different French-speaking cultures.

●Objectives of the Course
Based on the acquired skills in the first year, this class will improve the reading comprehension and the expression abilities in everyday life French. It will also help to gain a deeper understanding of French-speaking societies and cultures.

●Course Content or Plan
この授業は前年度学習した内容をさらに深めることで、フランス語による実践的なコミュニケーション能力をさらに高めることを目的とする。つまり、この授業を通じて学生はより高度な表現を用いて、学生生活に関するさまざまなテーマ（住居・将来・学業など）についてニュアンスをつけながら表現することが可能になる。
よって毎回の授業では、まず必要な語彙と文法項目を学習したあとで、学生は二人、ないしはグループをつくり、口頭で練習していく。会話の形式はロールプレイではなく、インタビュー形式を主に行う予定である。よって出席と授業への積極的な参加が必須となる。

●Course Prerequisites and Related Courses
１年時フランス語を履修していること。
コミュニケーション授業なので、積極的な参加が必要です。

●Course Evaluation Method and Criteria
授業参加度　(出席・ディスカッションなど) ３０％/ 学期末の口頭試験７０％
３回以上無断欠席の場合は、最終評価が「欠席」となります。

●Study Load(Self-directed Learning Outside Course Hours)
この授業では毎回アクティビティを行うため、自宅学習のみでは補うことができません。ですから欠席・遅刻をしないようにすること。

●How to Respond to Questions
1. e-mail
2. オフィスアワー：金曜日 13:30-14:30
研究室：文学部本館 4F418

●Notice for Students
●Message from the Instructor
●Courses taught by Instructors with practical experience

Textbook	配布プリントを使用
Reference Book	授業中に適宜指示をする。
Reference website for this Course	

Academic Japanese (Listening & Presentation) I

Undergraduate / Graduate	Undergraduate	**Registration Code**	0061631
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Mon / 6 (18:15～19:45)		
Instructor	KATO Jun		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course

In this course, students will acquire listening comprehension skills for longer audio segments and learn how to make simple academic presentations.

●Objectives of the Course

At the end of the lecture, students are to
(i) understand the way of basic presentations.
(ii)be able to give a presentation in pertinent vocabulary and expressions in the academic situation.

●Course Content or Plan

・Prepare and perform four or five short speeches
-talking about yourself
-expressing your opinion
-introducing your favorite place
Other topics will be informed in the class.
・Listening comprehension practice

●Course Prerequisites and Related Courses

Class materials are designed for lower-level intermediary students.
Students are required to have finished Basic Japanese Courses.

●Course Evaluation Method and Criteria

Attendance & Class Participation: 50%, Assignment（Speech drafts & Listening worksheets): 25%,
Final Examination (Speech & Listening): 25%

*Students will be graded following the“six-step”grade scale: A+, A, B, C, C- and F based on GPA (Grade Point Average) system.
*Students who withdraw from this course must fill out the designated form (Course Withdrawal Request) and submit the form to the instructor in charge.
*If a student is absent from classes more than 4 times, the grade will be “Absent.”

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

*Students should download materials through NUCT and check some assignments on it before the class starts.
*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.

●Notice for Students

*The first lesson of the course will commence on October 4, 2021.
*The progress and contents of the lesson may change depending on the situation.

●Message from the Instructor

This class will start online in October. Depending on the situation in Japan and student needs, we may change to in-person teaching as the semester progresses. Any decision about changes in how classes will be conducted will be made in consultation with students.

Textbook	Will be introduced in the class.
Reference Book	『留学生のためのアカデミック・ジャパニーズ聴解［中級］』スリーエーネットワーク
Reference website for this Course	

Science of Materials

Undergraduate / Graduate	Undergraduate	**Registration Code**	0062231
Course Category	Sciences Liberal	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Tue. / 2 (10:30～12:00)		
Instructor	GELLOZ Bernard Jacques		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
This course provides students with the skills required to analyze and understand phenomena in the field of materials sciences and related interdisciplinary fields.

●Objectives of the Course
To introduce universal concepts in Science and their application to materials. To understand the relationships that exist between the structural elements of materials (microscopic properties) and their properties and performance (macroscopic properties). Students will be able to understand the origins and mechanisms of materials mechanical, electrical, thermal, magnetic, and optical properties.

●Course Content or Plan
The course begins with an introduction of the atomic and crystal structures of materials. Then, materials mechanical, electrical, thermal, magnetic and optical properties will be covered both fundamentally and technologically, according to the plan below:
Atomic Structure and Interatomic Bonding; Crystal Structures
Mechanical Properties; Electrical Properties; Thermal Properties; Magnetic Properties; Optical Properties

●Course Prerequisites and Related Courses
Some basic knowledge on calculus and chemistry from high school is beneficial but not necessary.
Ideally, having taken related courses such as Fundamentals of Physics and Chemistry would be beneficial.

●Course Evaluation Method and Criteria
Students do not need to submit a Course withdrawal Request Form for course withdrawal. Those who are absent without valid reason from any scheduled tests will receive an "W(Absent)" grade.
Evaluation will be based on class participation, midterm and final examinations.
Class participation: 10%; Midterm examination: 40%; Final examination: 50%.

●Study Load (Self-directed Learning Outside Course Hours)
There is no homework. The time required outside class to prepare for examinations and understand the content will depend on how much attention is paid in class. If students follow and understand everything in class, the load outside course hours will be low.

●How to Respond to Questions
Students are encouraged to ask questions in class. Outside class, any questions may be asked using NUCT messaging or forum service, or directly by email to the instructor, or by arranging a meeting (Zoom or face-to-face).

●Notice for Students

●Message from the Instructor
In the title of this course, there are two important words: “Science” and “Materials”. The course will be very beneficial to Science/Engineering majors in multidisciplinary fields. Although the course is designed to be mostly qualitative and easy to follow, it introduces several advanced topics that will be useful for future pure physicists and engineers alike. Students from other majors will get a better understanding of the aspects of materials (constituents; structure; manufacture; costs, etc.) that may be important in their field.

●Courses taught by Instructors with practical experience

Textbook	William D. Callister, David G. Rethwisch: Fundamentals of Materials Science and Engineering: An Integrated Approach (John Wiley & Sons).
Reference Book	William D. Callister, David G. Rethwisch: Materials Science and Engineering: An Introduction (John Wiley & Sons)
Reference website for this Course	

Perspectives in Mathematical Science IV			
Undergraduate / Graduate	Undergraduate	**Registration Code**	0082381
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Tue / 3 (13:00～14:30)		
Instructor	KOBAYASHI Ryoichi, SHIROMIZU Tetsuya, JAERISCH Johannes		
Contact e-mail of the Instructor			
For more information on syllabus, please refer to the School of Science's one.			

View of Advanced Electrical, Electronic and Information Engineering			
Undergraduate / Graduate	Undergraduate	**Registration Code**	0082382
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester)/ Tue/ 3(13:00～14:30) & 4(14:45～16:15)		
Instructor	KOJIMA Hiroki		
Contact e-mail of the Instructor			
For more information on syllabus, please refer to the School of Engineer's one.			

Academic English Advanced 3

Undergraduate / Graduate	Undergraduate	**Registration Code**	0062431
Course Category	Basic GE, Language I	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Tue. / 4 (14:45～16:15)		
Instructor	TOOHEY David Edward		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
To develop academic writing, presentation, and research skills

●Objectives of the Course
Students will be able to conduct academic research and write and present their research.

●Course Content or Plan
Week 1: Class Introduction: Policies & Research Scope
Week 2: Discussion of Types of Academic Paragraphs
Week 3: Reading 1
Week 4: Reading 2
Week 5: Reading 3
Week 6: Reading 4
Week 7: Parenthetical References
Week 8: Reading 5 (Academic Article)
Week 9: Footnotes and Endnotes
Week 10: Reading 6 (Academic Article)
Week 11: Structure of Academic Papers
Week 12: Reading 7 (Academic Papers)
Week 13: How to do Academic Presentations
Week 14: Final Presentations
Week 15: Class Summary and Evaluation

[Scheudle and Contents Subject to Change.]

●Course Prerequisites and Related Courses
N/A

●Course Evaluation Method and Criteria
30% Participation. 30% One academic paragraph and presentation on one class subject (done on weeks 3-8). 40% Final Research Paper and presentation. Please notify the instructor with a Course Withdrawal Request if you are dropping out of the course.

●Study Load(Self-directed Learning Outside Course Hours)
Read Academic Articles from Academic Journals and Book Chapters
Write Academic Paragraphs
Prepare to Present on a Paragraph on a Subject from Class
Research and Write a Final Paper
Prepare to present your Final Paper to the Class

●How to Respond to Questions
Please contact me using NUCT Messaging

●Notice for Students

●Message from the Instructor

●Courses taught by Instructors with practical experience

Textbook	N/A. the instructor will give students PDF files of readings using NUCT
Reference Book	N/A
Reference website for this Course	N/A

Immigration in Japan: A Socio-legal Perspective

Undergraduate / Graduate	Undergraduate	**Registration Code**	0082481
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Tue / 4 (14:45～16:15)		
Instructor	ISHIKAWA CLAUDIA		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
This course, offered by the International Education & Exchange Centre, is open to students from other schools. It is specialised in nature, covering a subject of global importance, and aims to respond to students' desire for independent, wide-ranging, and diverse learning.

●Objectives of the Course
This course aims to analyse the legal and social status of foreign nationals in Japan. Whilst it focuses, in particular, on the immigration law framework and policy developments in Japan, a comparison with the situation in students' home countries is also envisioned. Students will not only acquire a deeper understanding of international society; they are also expected to enhance their communication skills through discussion and presentations.

●Course Content or Plan
Topics to be covered include the immigration law framework, immigration policy, rights and protections afforded under domestic laws, and developments pertaining to entry and residence. Time will also be devoted to discussing anti-terrorism and security measures, international marriage and families, as well as Japanese perceptions of foreigners.

1.Citizenship in Japan
2.Japan's Immigration Framework I: A Short History
3.Japan's Immigration Framework II: Relevant Laws and Ordinances
4.Assessment of Current Immigration Policy Developments
5.Composition of Foreign Nationals in Japan
6.Foreign Workers
7.Japan's Refugee Policy
8.Foreign Nationals' Civil and Political Rights under Domestic Law
9.Foreign Nationals' Social and Economic Rights under Domestic Law
10. Crime, Terrorism, and Security Measures
11.International Marriage and Families
12.Japanese Perception of Foreigners

●Course Prerequisites and Related Courses
Students must be at least in the second year of their undergraduate studies, and possess the requisite English language ability to comprehend the course readings, participate in discussions, and give a presentation. Non-native English speakers should possess TOEFL iBT 70、IELTS 5.5, or TOEIC 730 at the minimum.

●Course Evaluation Method and Criteria
1) Attendance/Participation: 20%
2) Group Presentation: 30% (Students will be asked to give presentations (approximately 20 minutes) in groups on a subject relevant to the topic covered in the week in which the presentation is scheduled.)
3) Essay (1,500-2,000 words, if written in English; 3,000-4,000 characters, if written in Japanese): 50%.

Course withdrawal is permitted, provided that a course withdrawal application form is submitted.

●Study Load (Self-directed Learning Outside Course Hours)
Students will be expected to prepare for each class in advance by, for example, reading prescribed text and gathering information. Additionally, they will be required to work towards their presentations and essays.

●How to Respond to Questions
The course instructor is happy to talk to students in person (Room 205, International Centre), via e-mail ([redacted]) or via zoom.

●Notice for Students
As not all prospective participants will be able to enter Japan, it is highly likely that, this semester, the course will be taught in an online format, using zoom. Students interested in registering for the course, should contact me via e-mail in advance to be informed of the zoom meeting place.

●Message from the Instructor
Whilst this course has been designed for international students, Japanese students are very welcome! Moreover, as the course is interdisciplinary in nature, students from all Schools and Departments are encouraged to attend. Considering the complexity of the subject matter, students should be at least in the second year of their undergraduate studies.

Any questions regarding the course should be addressed to Claudia Ishikawa at [redacted].

Textbook	Not applicable.
Reference Book	Readings will be distributed to students or uploaded on the relevant platform.
Reference website for this Course	Not applicable

Academic Japanese (Listening & Presentation) III

Undergraduate / Graduate	Undergraduate	**Registration Code**	0062632
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Tue / 6 (18:15～19:45)		
Instructor	KATO Jun		
Contact e-mail of the Instructor	[redacted]		

●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 former half of the textbook as following:

Lesson 1: Listening practices
Lesson 2: Listening practices -part 1-1.
Lesson 3: Listening practices -part 1-2.
Lesson 4: Listening practices -part 2-1.
Lesson 5: Listening practices -part 2-2.
Lesson 6: Listening practices / making an outline of the presentation -part 1.
Lesson 7: Listening practices / making an outline of the presentation -part 2.
Lesson 8: Review.
Lesson 9: Listening practices / making an outline of the presentation -part 3.
Lesson 10: Listening practices / making an outline of the presentation -part 4.
Lesson 11: Listening practices / making an outline of the presentation -part 5.
Lesson 12: Student presentation -part 1.
Lesson 13: Student presentation -part 2.
Lesson 14: Review and discussion.
Lesson 15: Review, reflection, and course evaluation.

●Course Prerequisites and Related Courses

Class materials are designed for advanced students.

In this semester the former half of the designated textbook is mainly used. The latter half of it is used in Academic Japanese L & P IV in spring semester.

●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%

*Students will be graded following the "six-step" grade scale: A+, A, B, C, C- and F based on GPA (Grade Point Average) system.

*Students who withdraw from this course must fill out the designated form (Course Withdrawal Request) and submit the form to the instructor in charge.

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

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

*Students should download materials through NUCT and check some assignments on it before the class starts.

*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.

●Notice for Students
Students are required to prepare for the textbook by the second lesson. (If you cannot obtain the text books, please ask instructor through e-mail.)
*The first lesson of the course will commence on October 5, 2021.
*This course is conducted online interactively.
*The progress and contents of the lesson may change depending on the situation.

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 minitukeru Choukai / Happou Workbook" 3A Network, 2007.(ISBN: 978-4883194261)
Reference Book	To be informed in class.
Reference website for this Course	

Laboratory in Physics

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063331
Course Category	Sciences Basic	**Credits**	1.5
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Wed. / 3 (13:00～14:30)		
Instructor	◎ISHIBASHI Kazunori, NAKATSUKA Osamu, KIMURA Yasuhiro, GELLOZ Bernard Jacques, TAWARA Yuzuru		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
The goal of this course is to improve your understanding of the theory behind physical values and phenomena on the basis of measurements and observations, and to help you learn experimental techniques such as basics, methods, and principles of measurement by using various types of equipment.

●Objectives of the Course
Through using measuring devices such as a micrometer, a voltmeter, or an oscilloscope in laboratory practices, students are to learn how to measure various physical quantities with uncertainties. Concurrently, practice assignments related to the experiments are given to facilitate understanding of data analysis and writing of reports. Those are the objectives of this course.

There is a historical, intellectual, social, and technical background behind each subject covered in the experiments. The experimental equipment and methodologies covered in this course can be applied in the majority of fields related to natural science. Hence, students interested in physics as well as those majoring in other fields will discover the applicability of the lessons learned in their major through laboratory experiments performed in this class. Students are expected to learn from not only classroom lectures but also hands-on physics laboratory experiments, which constitute a fundamental academic skill required for future studies in their specific fields.

●Course Content or Plan
The course is comprised of two key parts:

1. Lectures and exercises on the basics of measurements and analysis
2. Experiments[*1]
   + Acceleration due to gravity +Motion of electrons in magnetic field
   + radiation and radioisotopes +Wavelength of light measurement with diffracting grating
   + Oscilloscope +Resonance of electrical circuit + Low temperature properties of materials

[*1] Laboratory practices may be changed based on university alert category level.

【Contingency Plans Under COVID-19 Pandemic】

Based on Nagoya University Alert Categories, the format of lessons in the course may be altered.

Under Category C (emergency) or Education Activities Level 4 or higher:

No in-person lectures, exercises or laboratory practices given. Online lectures and video-on-demand lessons shall be given to facilitate hands-on experience of laboratory exercises. The course hours shall be reserved to take questions from students in real time.

Under Category B (High Alert) or Education Activities Levels 2 or 3:

No in-person lectures and exercises may be given (online option only). Laboratory practices, however, may be given in person to those who prefer over online lessons; for the other, video-on-demand (online) lessons shall be given. Those who take the online lessons may ask questions during the course hours in real time.

Under Category A (Caution) or Education Activities Level 1 or lower:

In-person lectures, exercises, and laboratory practices may be given. For those who cannot participate in person, video-on-demand lessons shall be given (limited to those who cannot re-enter into Japan due to the restriction in immigration).

After each laboratory practices, students are to receive general feedback on the proper use of an equipment or handling of data. This substitutes the hands-on part of the course' s objectives.

●Course Prerequisites and Related Courses
It is preferable to take courses of Fundamentals of Physics, but is not required.

●Course Evaluation Method and Criteria
Evaluation will be based on participation and reports. Students will have to submit a report at the end of each session unless otherwise instructed. Class attendance is a very important factor affecting the approval of the credit of this course because the physical laboratory experiment class lays emphasis on class attendance and laboratory work performance. Students who are absent more than two times or who submit a Course withdrawal Request shall receive an "Absence" grade[*2].

[*2] Letter grade "W" (withdrawal) may be given to those who entered the university in April 2020 or thereafter.

●Study Load(Self-directed Learning Outside Course Hours)
Students are to prepare for conducting each physical experiment by reading laboratory textbook and watching tutorial videos prior to each laboratory lesson. This helps ensure both the effectiveness of learning and the safety in conducting some exercises.

Students may also be asked to complete a laboratory report as an additional practice when instructed by course instructors.

●How to Respond to Questions
Students are encouraged to ask questions via messenger on NUCT to instructors and/or teaching assistants at any time.

●Notice for Students
Students taking this course MUST attend the first class of this course to receive guidance and safety training in real time.

As noted earlier, participation in class is essential for learning laboratory practices. Practice makes it easy for attaining our goals and objectives. Hence, as extracurricular activities, students are to watch online videos (see Reference Website) to better prepare for laboratory practices in advance. While reports are generally prepared and handed in each class, some practices may require students to prepare and to submit a supplemental report. On average, students are to spend two to three hours outside the class to prepare for exercises and laboratory practices.

Lastly, students shall be notified of any announcement or course changes via NUCT. Please be advised that students are to check the course page on NUCT regularly.

●Message from the Instructor
This course is designed to prepare physics and engineering majors for taking an advanced laboratory course. Any other science-oriented majors are also invited to join the "phun".

●Courses taught by Instructors with practical experience

Textbook	Physics Laboratory Experiment Guidelines by ILAS, Nagoya University **(the copy to be given electronically to each student)**
Reference Book	**See references therein the Textbook**
Reference website for this Course	https://ocw.nagoya-u.jp/index.php?lang=en&mode=c&id=641 **[to be revised as the Fall term progresses]**

Outline of Engineering 3

Undergraduate / Graduate	Undergraduate	**Registration Code**	0083381
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Wed / 3 (13:00～14:30)		
Instructor	GRIB Dina, ZENG Gang, LELEITO Emanuel		
Contact e-mail of the Instructor			
For more information on syllabus, please refer to the School of Engineer's one.			

Intermediate Spanish 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0083402
Course Category	Basic GE, Language II	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Wed / 4 (14:45～16:15)		
Instructor	MIYASHITA Katsuko		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
The aim of this course is to help students acquire the skill and knowledge of Spanish language as the study tool for their specialized field and obtain the necessary ability to deepen the understanding of different cultures.

●Objectives of the Course
At the end of the course, participants are expected to have the comprehensive ability of the language. The students obtain the skill, needed to communicate with Spanish speaking people and to understand their culture and society, by watching TV news or reading printed matters as a newspaper.

●Course Content or Plan
テキストに沿って授業を進める。
「第七課　¿Has montado en globo alguna vez? 気球に乗ったことある？」
現在完了の復習とそれを用いた設問を解き、練習をする。不定語と否定語を学ぶ。自分の体験を作文する。

「第八課　¿Cómo se hacen las almejas a la marinera?　あさりの漁師風ってどうやって作るの？」
不定主語文を学ぶ。seを用いた表現、無主語で三人称複数形を用いた表現を学ぶ。序数詞の復習。料理についてスペイン語で書く。

「第九課　Algún día viajaré contigo　いつか君と旅行しよう」
未来形の活用と用法の復習。それを用いた設問に答え、表現を学ぶ。mente の副詞。
未来時制を用いた作文。

「第十課　¡Que cumplas muchos años! これからもずっとお元気で！」
接続法現在の活用と用法。接続法を用いた作文。

「第十一課　Me alegro de que le guste　気に入ってくれてうれしいです」引き続いて、接続法現在の不規則動詞の活用と用法。
接続法を用いて、好きなこと、嫌いなこと、驚いたことなどを作文する。

「第十二課　Prueba una, que está muy rica　おひとつどうぞ、とてもおいしいですよ」肯定命令、否定命令の活用と用法。人称代名詞の位置を確認する。

●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。

●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。履修取り消しの際は、届を提出する。届の提出も課題の提出もなく出席も足りない場合、評価は「F」となる。

●Study Load(Self-directed Learning Outside Course Hours)
中級スペイン語文法　山田善郎著　白水社
Cuéntame, 8 historias para disfrutar aprendiendo español. 「クエンタメ」朝日出版社　2017 年

●How to Respond to Questions
対面授業でない場合は、メールにて質問を受けます。

●Notice for Students
春学期同様、授業の中で、説明しながら問題を解いていくが、より正確にまた迅速に解答できるように、予習しておくことを勧める。また、各課で与えられたテーマについての自由作文は、授業で学んだことを参考にして、あらかじめ辞書をひいて書いてくることを勧める。読み物は、前の授業時にプリントを配るので、家で読んでくることを勧める。

●Message from the Instructor
The purpose of this course is to help students improve their foreign
language proficiency, understand foreign cultures, and acquire the knowledge required in a globalized society.
By this class, we aim to obtain the comprehensive faculty of reading,
understanding, composition, and conversation while reviewing the basic Spanish grammar.

秋学期では、さらに高度な文法を用いて表現できるようになることを目指す。接続法を用いることで、仮定的な事柄、願望、喜び、嘆きなど、感情を表すことができるようになる。また、日常生活でよく用いられる命令法なども使えるようになる。少しでも多くの事柄を学び、表現の幅を広げることで、多くを伝え、多くを分かち合えることにつながってゆく。
是非とも、学習を続けてもらいたい。

●Courses taught by Instructors with practical experience

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、必要な時に教員が用意する。
Reference Book	初級文法を学習した時に用いたテキスト　Excelente　同学社　水戸博之著 ISBN 978-4-255-55071-8 C1087
Reference website for this Course	

Introduction to Intercultural Competence

Undergraduate / Graduate	Undergraduate	**Registration Code**	0083481
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Wed / 4 (14:45～16:15)		
Instructor	KUSUMOTO Keiko		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
This course aims to equip students with knowledge on how to develop their own Intercultural Competence by enhancing their understanding of the fundamental models and concepts of Intercultural Competence through discussion and presentations, in order to prepare themselves for the international society.

●Objectives of the Course
Students will learn definitions, models and components of Intercultural Competence. Important concepts such as culture, language and identity, verbal/non-verbal communication, prejudice, stereotypes, generalization, ethnocentrism and cultural relativism will be explored in order to acquire knowledge to develop one's Intercultural Competence.

●Course Content or Plan
Students will be involved in discussions, group work and presentations to deepen their understanding on the topics covered.

Schedule *tentative

Oct 6 (W1) Introduction to the course
Oct 13 (W2) Definition of Intercultural Competence
Oct 20 (W3) Models and Components
Oct 27 (W4) Group Work
Nov 10(W5) Defining Culture
Nov 17 (W6) Culture, Language and Identity
Nov 24 (W7) Verbal and Non-verbal communication
Dec 1 (W8) Group Work
Dec 8 (W9) Prejudice, Stereotypes, Generalization
Dec 15 (W10) Ethnocentrism, Cultural Relativism
Dec 22 (W11) Group Work
Jan 12(W12) Presentations
Jan 19 (W13) Presentations
Jan 26 (W14) Presentations
Feb 2 (W15) Wrap up and final report submission

●Course Prerequisites and Related Courses
Required English Level：TOEFL PBT 523, TOEFL iBT 70, IELTS 5.5, TOEIC 730.

●Course Evaluation Method and Criteria
Final report 50%, presentation 30%, participation in class and attendance 20%
Withdrawal system applies. Contact and consult the instructor if you wish to withdraw from the course.

●Study Load (Self-directed Learning Outside Course Hours)
Students are required to read the materials in advance and prepare to participate in class.
Assignments will be also given at each class.

●How to Respond to Questions
Contact the instructor by e-mail [redacted]), but not through the NUCT.

●Notice for Students

・There are no specific office hours, students are welcome to visit the instructor's office between 10:30-17:00. It is advisable to contact the instructor in advance.

・Maximum number of students:20 students

●Message from the Instructor

Class participation is very important. Students are expected to participate actively in class.

●Courses taught by Instructors with practical experience

Textbook	There is not specific textbook. Materials will be provided through NUCT.
Reference Book	Reference lists will be provided in class.
Reference website for this Course	

Agricultural Sciences

Undergraduate / Graduate	Undergraduate	**Registration Code**	0083581
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Wed / 5 (16:30～18:00)		
Instructor	INOUE Naoko		
Contact e-mail of the Instructor			
For more information on syllabus, please refer to the School of Agricultural Sciences's one.			

Business Japanese I

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063631
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Wed / 6 (18:15～19:45)		
Instructor	KATO Jun		
Contact e-mail of the Instructor	[redacted]		

●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.

●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.

●Course Content or Plan

The semester will cover the former half of the textbook as following:
Lesson 1: Introductions -part 1.
Lesson 2: Introductions -part 2. / oral practice
Lesson 3: Introductions -part 3. / role-play
Lesson 4: Greetings -part 1. / oral practice
Lesson 5: Greetings -part 2. / role-play
Lesson 6: Permission -part 1. / oral practice
Lesson 7: Permission -part 2. / role-play
Lesson 8: Review and reflection.
Lesson 9: Requests -part 1.
Lesson 10: Requests -part 2.
Lesson 11: Requests -part 3.
Lesson 12: Presentation 1.
Lesson 13: Presentation 2.
Lesson 14: Presentation 3.
Lesson 15: Review, reflection, and course evaluation

●Course Prerequisites and Related Courses

Class materials are designed for higher-level intermediate students.
In this semester the former half of the designated textbook is mainly used. The latter half of it is used in Business Japanese II in spring semester.

●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%
*Students will be graded following the “six-step” grade scale: A+, A, B, C, C- and F　based on　GPA (Grade Point Average) system.
*Students who withdraw from this course must fill out the designated form (Course Withdrawal Request) and submit the form to the instructor in charge.
*If a student is absent from classes more than 4 times, the grade will be “Absent.”

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

*Students should download materials through NUCT and check some assignments on it before the class starts.
*In each class, students are required to answer and submit a quiz sheet.
*Students must memorize some expressions and prepare for role-play presentations outside of the class hours.

●**How to Respond to Questions**
You can contact the instructor through Message function on NUCT or directly contact at the e-mail address.

●**Notice for Students**
Students are required to prepare for the textbook by the second lesson. (If you cannot obtain the text books, please ask instructor through e-mail.)
*The first lesson of the course will commence on October 6, 2021.
*This course is conducted online interactively.

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)
Reference Book	To be informed in class.
Reference website for this Course	To be informed in class.

Special Mathematics Lecture
(differential equations and dynamical systems)

Undergraduate / Graduate	Undergraduate	**Registration Code**	0063611
Course Category	Sciences Basic	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Wed. / 6 (18:15～19:45)		
Instructor	Richard Serge		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
Differential equations and dynamical systems are playing an essential role in many research fields, and in particular for describing the evolution of systems. Our goal is to provide the necessary background information for understanding these evolutions and their asymptotic behaviors. The presentation will be accessible to all students, independently of their major.

●Objectives of the Course
Study the basic abstract theory of differential equations and dynamical systems, and discuss some applications according to the interest and to the motivation of the students.

●Course Content or Plan (tentative)
First-order and second-order differential equations
Linear systems of first-order differential equations
Planar systems and phase portraits
Nonlinear systems
Bifurcation theory
Discrete dynamical systems
Chaos

●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.

●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.

●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.

●How to Respond to Questions
By email.

●Notice for Students
It is expected that the students will show a certain maturity in studying independently and in choosing some exercises and problems to solve. Study sessions will be organized on a weekly basis.

●Message from the Instructor
This course in an optional subject which does not count towards the number of credits required for graduation in any program at Nagoya University.

Textbook	Free textbooks and lecture notes will be provided during the lectures
Reference Book	Free reference books will be provided during the lectures
Reference website	http://www.math.nagoya-u.ac.jp/~richard/SMLfall2021.html

Thinking about Japanese Society in the 21st Century from Gender Perspectives

Undergraduate / Graduate	Undergraduate	**Registration Code**	0064431
Course Category	InterD Liberal	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Thu. / 4 (14:45～16:15)		
Instructor	SAEGUSA Mayumi		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course

The goals of this course are 1) to introduce students to the basic concepts of gender studies, 2) to deepen students' understanding of a wide variety of gender issues in Japan and global society, 3) to encourage students to think from diversified standpoints and to take action to promote gender equality.

Throughout the course, we will question gender in multiple ways:

- Why is it important to think issues from gender perspectives?
- How do gendered structures of power and privilege operate?
- How do we explain the sexual division of labor and the unequal status of women in society?
- How do we explain toxic masculinity?
- What can we as individuals do to promote gender equality?

●Objectives of the Course

Objectives:

- Develop a thorough understanding of gender-related issues
- Analyze causes of gender inequality
- Communicate effectively about gender issues in both writing and speech.

●Course Content or Plan

- What is gender equality?
- Masculinity and femininity
- Gender and politics
- Gender and work
- Love, Marriage, and Gender
- Gender-based violence
- Sexual Orientation and Gender Identity

●Course Prerequisites and Related Courses

There are no prerequisites for this course.

●Course Evaluation Method and Criteria

- Participation 30% (submission of comment sheets)
- Mid-term essay exam 20%
- Presentation 20%
- Research report 30%

*Students need to submit a Course Withdrawal Request Form when requesting course withdrawal.

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

There is no formal e-learning program associated with this course. However, along with major writing and presentation tasks, comment sheets must be submitted online.

●How to Respond to Questions

Feel free to contact Mayumi Saegusa at [redacted]
We can also arrange in-person or online meetings by appointment through the above email address.

●Notice for Students **●Message from the Instructor** **●Courses taught by Instructors with practical experience**	
Textbook	None, all materials provided by the instructor
Reference Book	Kimmel, Michael S. The Gendered Society., Oxford University Press.
Reference website for this Course	

Academic Japanese (Reading & Writing) I

Undergraduate / Graduate	Undergraduate	**Registration Code**	0064631
Course Category	Sciences Basic	**Credits**	1.5
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Thu. / 6 (18:15～19:45)		
Instructor	TOKUHIRO Yasuyo		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
In this course, students will acquire fundamental reading and composition skills to read and write simple reports in specialized fields as well as analytical texts such as dissertations.

●Objectives of the Course
The course aims to develop skills to comprehend and compose texts ranging in length from short to long, while at the same time reviewing beginner-level vocabulary, grammar, and Japanese characters.

●Course Contents/Plan
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

●Course Prerequisites and Related Courses
Class materials are designed for lower-level intermediary students.

●Course Evaluation Method and Criteria
Attendance 20%, Participation 20%, Compositions 40%, Exam 20%

●Study Load (Self-directed Learning Outside Course Hours)
Students' homework is to write essays and learn words.

●How to Respond to Questions
Respond to questions by email or during class.

●Notice for Students
Students who withdraw from this course must fill out the designated form (Course Withdrawal Request) and submit the form to the instructor in charge.

●Message from the Instructor
This class will start online in October. Depending on the situation in Japan and student needs, we may change to in-person teaching as the semester progresses. Any decision about changes in how classes will be conducted will be made in consultation with students.

Textbook	『大学・大学院　留学生の日本語①読解編』アルク "Daigaku-Daigakuin Ryugakusei no Nihongo (1) Dokkaihen," Alc KK 『大学・大学院　留学生の日本語②作文編』アルク "Daigaku-Daigakuin Ryugakusei no Nihongo (2) Sakubunhen," Alc KK
Reference Book	テキスト音声：https://www.alc.co.jp/dl/7015017/
Reference website for this Course	

Academic Japanese (Reading & Writing) III

Undergraduate / Graduate	Undergraduate	**Registration Code**	0064632
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Thu / 6 (18:15～19:45)		
Instructor	KATO Jun		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course

In this course, students will acquire fundamental skills to read reports in specialized fields and academic articles as well as write reports or dissertations related to their own research focus.

●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 1,000 characters.

●Course Content or Plan

The semester will cover the former half of the textbook as following:
Lesson 1: Reading exercises -part 1-1.
Lesson 2: Reading exercises -part 1-2. / Writing exercises -part 1.
Lesson 3: Reading exercises -part 2. / Writing exercises -part 2.
Lesson 4: Reading exercises -part 3-1. / Writing exercises -part 3.
Lesson 5: Reading exercises -part 3-2. / Writing exercises -part 4.
Lesson 6: Reading exercises -part 4. / Writing exercises -part 5.
Lesson 7: Review.
Lesson 8: Reading exercises -part 5-1. / Writing exercises -part 6.
Lesson 9: Reading exercises -part 5-2. / Writing exercises -part 7.
Lesson 10: Reading exercises -part 6. / Writing exercises -part 8.
Lesson 11: Reading exercises -part 7-1. / Writing exercises -part 9.
Lesson 12: Reading exercises -part 7-2 / Writing exercises -part 10.
Lesson 13: Reading exercises -part 8. / Writing exercises -part 11.
Lesson 14: writing a paragraph
Lesson 15: Review, reflection, and course evaluation.

●Course Prerequisites and Related Courses

Class materials are designed for advanced students.
In this semester the former half of the designated textbook is mainly used. The latter half of it is used in Academic Japanese R & W IV in spring semester.

●Course Evaluation Method and Criteria

Students who need the course credits are required to meet the following conditions:
Mid-term quiz 20%, Thesis 30%, Final exam 20%, Assignments 30%: TOTAL 100%

*Students will be graded following the "six-step" grade scale: A+, A, B, C, C- and F based on GPA (Grade Point Average) system.
*Students who withdraw from this course must fill out the designated form (Course Withdrawal Request) and submit the form to the instructor in charge.
*If a student is absent from classes more than 4 times, the 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 should download materials through NUCT and check some assignments on it before the class starts.
*Students must submit some assignments through NUCT.

●How to Respond to Questions You can contact the instructor through Message function on NUCT or directly contact at the e-mail address. **●Notice for Students** Students are required to prepare for the textbook by the second lesson. (If you cannot obtain the text books, please ask instructor through e-mail.) The first lesson of the course will commence on October 7, 2021. *This course is conducted online interactively. *The progress and contents of the lesson may change depending on the situation.	
Textbook	『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) 『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)
Reference Book	To be informed in class.
Reference website for this Course	To be informed in class.

Intermediate German 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0085101
Course Category	Basic GE, Language II	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Fri / 1 (8:45～10:15)		
Instructor	OTSUKA Sunao		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
The purpose of this class is to improve students' reading skills of the German language.

●Objectives of the Course
基礎レベルの語彙や文法知識の定着を図るとともに、異文化に対する関心を深めてもらいます。

●Course Content or Plan
この授業で使用する教科書は、ウィーン出身の著者が故郷の町について書き下ろした、読みやすいエッセイをまとめたものです。秋学期は教科書後半の第６～10課までを読み進めます。異文化に対する関心を深めながら、同時に基礎レベルの文法事項を反復練習することで、中級レベル以上の実用的なドイツ語運用能力を培っていきます。また毎時間、不規則動詞の三基本形を暗記させて小テストを行い、基本語彙の定着に努めます。

●Course Prerequisites and Related Courses
ドイツ語の初級文法をすでに一通り学び終えていること。

●Course Evaluation Method and Criteria
出席状況、学期末試験、および平常点（積極的に授業に参加してくれたかどうか）などから総合的に評価します。なお授業の欠席が５回以上（公欠を除く）の学生、または定期試験を受験しなかった者は、その時点で「欠席」とし、成績評価対象外の扱いとします。

●Study Load(Self-directed Learning Outside Course Hours)
毎週平均して１、２時間程度の自習、課題学習、反復復習が必要になります。
予習は、あらかじめ教員が説明しないと分からないこともありますが、復習は、大切です。毎回進んだ箇所の文法や表現は確実に覚えるようにしてください。

●How to Respond to Questions
質問があれば、授業中に申し出てください。授業の前と後でも構いません。
個別に対応するよりも、クラス全員に対して公平に説明したいと思います。

●Notice for Students
基本的には受講者全員で教科書を輪読していきます。積極的な授業参加に努め、毎回進む範囲までは必ず予習するよう心がけてください。

●Message from the Instructor
履修希望者は、毎回指定された範囲をあらかじめ予習し、授業中は指名されたら大きな声で発言し、疑問点が生じたらすぐに質問する、そして何よりも授業を楽しむという、積極的な姿勢を心がけてください。
現代のグローバル化社会のなかで、他者の言語や文化に関心を持つようにしてください。
語学学習にとっては対面での授業が望ましいのですが、コロナ禍のためにオンライン授業となった場合は、Zoom 等を使用して文法説明、会話練習に努めます。その際は、NUCT の「お知らせ」から毎回、授業内容をあらかじめアナウンスしますので、その指示に従って受講してください。

●Courses taught by Instructors with practical experience

Textbook	Susanne Schermann ／ 相原剣　共著『ウィーン万華鏡』、三修社、2,000 円＋税。 ISBN 978-4-384-13101-7 C1084
Reference Book	独和辞典は毎回必ず持参してください。 参考書は必ずしも必要ではありませんが、次の図書は文法が分かりやすく整理され

	ており、お薦めです。中島悠爾・平尾浩三・朝倉巧 共著『改訂版・必携ドイツ文法総まとめ』、白水社、1,600 円。
Reference website for this Course	

Lecture on Social Psychology II			
Undergraduate / Graduate	Undergraduate	**Registration Code**	0085382
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Fri / 3 (13:00～14:30)		
Instructor	TANIGUCHI Norihito		
Contact e-mail of the Instructor			
For information on syllabus, please refer to the School of Education's one.			

Special Lecture (Go in Japanese Culture)

Undergraduate / Graduate	Undergraduate	**Registration Code**	0065431
Course Category	InterD Liberal	**Credits**	1.0
Term (Semester) / Day / Period	G-I (1st year, Fall Semester) / Fri. / 4 (14:45～16:15)		
Instructor	SHIGENO Yuki		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course
To learn Japanese traditional culture "Go" and get in touch with Japanese society. It will be an opportunity to deepen mutual culture and understanding through games with international students from each country.

●Objectives of the Course
Learn the basic rules of Go and be able to play against anyone.

●Course Content or Plan
Lesson 1: Introduction.
History of "Go" and its diffusion in Japan.
Go equipment.
The rules of Go, part 1.
"Capture Go" (9×9 board).
Technical terms.
Game-playing manners.

Lesson 2: Life of Go professional.
The rules of Go, part 2.
Ending a game.
Individual games.

Lesson 3: Diffusion of Go around world.
The rules of Go, part 3.
Individual games.

Lesson 4: Perspectives on Go.
Opening strategy.
Individual games.

Lesson 5: Play Go with the App.
Middle game strategy.
Individual games.

Lesson 6: Artificial intelligence and Go.
End game strategy.
Individual games.

Lesson 7: Lecture by a special guest speaker (undecided).
Review of a game.
Life and death.
Individual games.

Lesson 8: Team games.
Individual games.
Summary and questions.

●Course Prerequisites and Related Courses
No pre-requisites! Students from any background are eligible. The course is not designed for Go players, and suitable for students of wide background.

●Course Evaluation Method and Criteria
- Lessons attendance rate.
- Number of games played during the lectures.
- Some quizzes will be held during the lectures. Students who miss more than 30% of the quizzes will not pass the course.

●Study Load(Self-directed Learning Outside Course Hours)
Play to various people using the Go app "Go Quest". Win / loss is not reflected.

●How to Respond to Questions
by email

●Notice for Students
- If you wish to cancel the course, you will need the permission of the instructor.
- Let's play with various students.

●Message from the Instructor

Go is a game which we called of "peace" where players respect each other and prosper together.
It is a special opportunity to experience Japanese culture. At the same time, there are people who are enjoying it in nearly 90 countries around the world, and it is also popular as a mind sport. If you visit a local Go club or Go event you will have a chance to get to know each other through Go.
The basic rules are simple, let's have a try!

●Courses taught by Instructors with practical experience
The lesson will take a teacher with practical experience (Nihon Ki-in) makes use of her practical experience.

Textbook	None
Reference Book	Go, A complete Introduction to the Game, by Cho Chikun Kiseido Publishing Company, 1997 ISBN: 978-4-906574-50-6
Reference website for this Course	Cosumi: http://www.cosumi.net/play.html GoQuest: http://wars.fm/go9 International Go Federation (IGF) : https://www.intergofed.org

Intermediate Russian 2

Undergraduate / Graduate	Undergraduate	**Registration Code**	0085401
Course Category	Basic GE, Language II	**Credits**	
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Fri / 4 (14:45～16:15)		
Instructor	YAMAZAKI Tachiana		
Contact e-mail of the Instructor	[redacted]		

●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.

●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.

●Course Content or Plan
授業内容
15回分の授業詳細
1. 「意見」（相手に自分の意思表示を伝えて、相手の意見を聞く練習）
2. 「常識」（当然なこと、知られている事を相手に伝える練習）
3. 「書く、記入する、引用する」（「書く」という言葉から生まれた表現を習得する）
4. 「頼みと要求」（相手に自分の依頼の内容を伝える練習）
5. 「必要性」（相手に自分がしなければならない事を伝える練習）
6. 「疑問」（相手に自分が疑問に思う事を伝える練習）
7. 「目標」、その1（複文を使って自分の目的を相手に伝える練習）
8. 「目標」、その2（「～のために」という特定前置詞を使って目標を表す練習）
9. 「もしも～」（条件付表現と仮定法の違いを修得する）
10. 「さらに」（完全な一致の表現と付け加えを表す言い回しの違いを習得する）
11. 「外出」（移動を表す動詞を使って会話の練習）
12. 「不特定」（「誰か、何処か」の類いの表現を使って会話の練習）
13. 「理由」（「お陰で、～の所為で」という表現を使って会話の練習）
14. 「申し込み」（様々な慣用表現を使って面接の練習）
15. 授業の総括

●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。

●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。

●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。

●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。

●Notice for Students
ロシア語の文法表を必ず持参すること。

●Message from the Instructor
ロシアは昔から豊富な芸術や文学を有する国です。そんなロシアを知るには先ずその言葉を理解することがとても重要です。受講生は、間違いを恐れずに積極的に授業に臨むことを期待します。人間活動におけ

る様々なロシア語の言い回しや慣用句を習得して、中級ロシア語をマスターすることを目指しましょう。 **●Courses taught by Instructors with practical experience**

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
Reference website for this Course	

Lecture on Cross-cultural Education

Undergraduate / Graduate	Undergraduate	**Registration Code**	0085481
Course Category	Open	**Credits**	2.0
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Fri / 4 (14:45～16:15)		
Instructor	TANIGUCHI Norihito		
Contact e-mail of the Instructor			
For information on syllabus, please refer to the School of Education's one.			

Business Japanese III

Undergraduate / Graduate	Undergraduate	**Registration Code**	0065531
Course Category	Basic GE, Language I	**Credits**	1.5
Term (Semester) / Day / Period	G-III (2nd year, Fall Semester) / Fri. / 5 (16:30～18:00)		
Instructor	YASUI Akemi		
Contact e-mail of the Instructor	[redacted]		

●Goals of the Course

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.

●Objectives of the Course

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 practice how to introduce themselves and make presentations, using honorific expressions properly.

●Course Content or Plan

This semester will cover the former half of the textbook as following:

Lesson 1: Introduction & Lesson1 Self-introduction
Lesson 2: Review on polite forms -part 1.
Lesson 3: Review on polite forms -part 2 & Lesson2 Self-introduction
Lesson 4: Lesson3 Answering the phone -part 1 / oral practice.
Lesson 5: Lesson3 Answering the phone -part 2 / role play.
Lesson 6: Lesson4 Making an appointment -oral practice & role play.
Lesson 7: Lesson5 Attending a meeting -oral practice & role play.
Lesson 8: Mid-term Exam and reflection.
Lesson 9: Preparation for a presentation.
Lesson 10: Lesson6 Receiving a complaint -oral practice & role play.
Lesson 11: Lesson7 Reporting a complaint -oral practice & role play.
Lesson 12: Lesson8 Handling a complaint -oral practice & role play.
Lesson 13: Presentation
Lesson 14: Presentation
Lesson 15: Final Exam

●Course Prerequisites and Related Courses

Students are expected to have basic knowledge of honorifics.

●Course Evaluation Method and Criteria

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%

*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 request by the end of November.
*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 review the textbook and the materials outside of the class, since the period of class is limited.

●How to Respond to Questions

Students are able to contact the instructor via email.

●Notice for Students

- Students are expected to participate actively in class activities throughout the course.
- The first lesson of the course will commence on October 8th, 2021.

●Message from the Instructor
All classes will be conducted using Zoom and NU Portal.

●Courses taught by Instructors with practical experience

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)
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)
Reference website for this Course	