

Syllabus
for Study
in Special Course from Asia, Africa and the Pacific Rim

Shikoku Education Consortium

EHIME UNIVERSITY

(愛媛大学)

* If time schedule or other items are not specified, ask about them to the lecturer after consulting your advising professor.

(* 開講時期その他の事項が明示されていない場合は、指導教員に相談したうえで授業担当教員に確認すること。)

Course Subject Title(授業題目)

Crop production physiology

Credits (Units)(単位数)

1

Class Work Type(授業種別)

Lecture

Year of commencement(履修開始年次)

1st year

Semester(履修期間)

First half of the spring term

Day/Period(時間割)

Intensive course in the spring term (Contact the lecturer to confirm the availability of the course.)

Professor (Lecturer or Instructor)(担当教員名)

ARAKI, Takuya

Professor (Affiliation/Research field)(担当教員所属)

Ehime University/Crop Science

Professor (Telephone)(担当教員電話)

089-946-9526

Professor (E-Mail)(担当教員)

araki.takuya.mg@ehime-u.ac.jp

Keyword for the subject(キーワード)

Crop production, Photosynthesis, Translocation, Source-sink relationship, Environmental effects

Content and Objective(授業テーマと目的)

Introduction to plant production physiology and explanation on environmental effects of photosynthesis and mass accumulation into harvest organ

Teaching Materials(教科書・参考書)

Computer projector

Evaluation of Results (成績評価の方法)

Submitting report after the course

Course Subject Title (授業題目)

Molecular genetics of plant virus resistance

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

First or second half of the fall term

Day/Period (時間割)

Intensive course in the fall term (Contact to the lecturer to confirm the availability of the course*)

Professor (Lecturer or Instructor) (担当教員名)

KOBAYASHI, Kappei

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/Plant molecular biology and virology

Professor (Telephone) (担当教員電話)

089-846-9868

Professor (E-Mail) (担当教員)

kobayashi.kappei.mk@ehime-u.ac.jp

Keyword for the subject (キーワード)

plant virus, disease resistance, molecular genetics, pathogenesis, symptomatology

Content and Objective (授業テーマと目的)

Introduction to the molecular mechanisms underlying the plant virus infection, plant response to the infection and symptom development, and the cutting-edge technologies for developing virus resistance crops.

Teaching Materials (教科書・参考書)

Computer projector

Evaluation of Results (成績評価の方法)

Report and presentation

* Consult your advising professor before initiating contact

Course Subject Title (授業題目)

Soil fertility and plant production

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

First half of the spring term

Day/Period (時間割)

Wednesday/1st, but it can be changed with schedules of the students

Professor (Lecturer or Instructor) (担当教員名)

UENO, Hideto

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/Soil Science and Plant Nutrition

Professor (Telephone) (担当教員電話)

089-946-9808 or 089-946-9815

Professor (E-Mail) (担当教員)

ueno.hideto.mx@ehime-u.ac.jp

Keyword for the subject (キーワード)

Soil, Sustainable agriculture, Cover crop, Organic farming, Environmentally conscious agriculture, Global warming gases

Content and Objective (授業テーマと目的)

Introduction to soil fertility and the systems of cropping and soil management for sustainable agriculture

Teaching Materials (教科書・参考書)

Computer projector/Printed synopsis/"The Living Soil"

Evaluation of Results (成績評価の方法)

Presentation and submitting paper (report) after the course

Course Subject Title (授業題目)

Organismal ecology and evolution

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

First half of the spring term

Day/Period (時間割)

Intensive course in the spring term (Contact the lecturer to confirm the availability of the course.)

Professor (Lecturer or Instructor) (担当教員名)

KAMIYA, Koichi

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/Forest genetics

Professor (Telephone) (担当教員電話)

089-946-9877

Professor (E-Mail) (担当教員)

kamiya.koichi.my@ehime-u.ac.jp

Keyword for the subject (キーワード)

Population biology, molecular evolution, population genetics

Content and Objective (授業テーマと目的)

This course concerns how populations and species interact with each other and with environment (ecology), and how they change over time (evolution).

Teaching Materials (教科書・参考書)

Computer projector and printed documents

Evaluation of Results (成績評価の方法)

Submitting report after the course

Course Subject Title (授業題目)

Forest Ecology

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

First half of the spring term

Day/Period (時間割)

Intensive course in the spring term (Contact the lecturer to confirm the availability of the course.)

Professor (Lecturer or Instructor) (担当教員名)

SHIMAMURA, Tetsuya

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/Plant Production

Professor (Telephone) (担当教員電話)

089-946-9775

Professor (E-Mail) (担当教員)

shimamura.tetsuya.mx@ehime-u.ac.jp

Keyword for the subject (キーワード)

Forest, Biogeochemical Cycle, Tropical Rain Forest, Plant Community Dynamics

Content and Objective (授業テーマと目的)

Introduction to forest community ecology

Teaching Materials (教科書・参考書)

Handout

Evaluation of Results (成績評価の方法)

Quiz and discussion after the course

Course Subject Title(授業題目)

Terrestrial global productivity

Credits (Units)(単位数)

1

Class Work Type(授業種別)

Lecture

Year of commencement(履修開始年次)

1st year

Semester(履修期間)

First half of the spring term

Day/Period(時間割)

Intensive course in the spring term (Contact the lecturer to confirm the availability of the course.)

Professor (Lecturer or Instructor)(担当教員名)

TSUZUKI, Hayato

Professor (Affiliation/Research field)(担当教員所属)

Ehime University/Forest Resources Planning

Professor (Telephone)(担当教員電話)

089-946-9879

Professor (E-Mail)(担当教員)

tsuzuki.hayato.mu@ehime-u.ac.jp

Keyword for the subject(キーワード)

Terrestrial, Forest, Biomass, Carbon stock, Productivity, Growth rate, Relationship between productivity and ecosystem structure and function

Content and Objective(授業テーマと目的)

Introduction to terrestrial plant biomass and productivity related to ecosystem structure and function under climate type and human activity.

Students attending the subject have to make resume as handout and discuss about content of every week.

Teaching Materials(教科書・参考書)

Text book, printed documents, and computer projector.

Text book: Terrestrial Global Productivity. 2001. Edited by Jacques Roy, Bernard Saugier, and Harold A. Mooney. Academic Press, San Diego. XX+573pp.

Evaluation of Results(成績評価の方法)

Quality of resume and discussion in class.

Course Subject Title(授業題目)

Information Technology

Credits (Units)(単位数)

1

Class Work Type(授業種別)

Lecture

Year of commencement(履修開始年次)

1st year

Semester(履修期間)

Second half of the fall term

Day/Period(時間割)

Thursday/2nd

Professor (Lecturer or Instructor)(担当教員名)

HATO, Kenji

Professor (Affiliation/Research field)(担当教員所属)

Ehime University/ Bio-mechanical systems

Professor (Telephone)(担当教員電話)

089-946-9892

Professor (E-Mail)(担当教員)

hato.kenji.mm@ehime-u.ac.jp

Keyword for the subject(キーワード)

Internet, Network, Security, IT, IOT

Content and Objective(授業テーマと目的)

I inform about a network by a computer and a basis of the information processing. I also inform about a basic sensing.

Teaching Materials(教科書・参考書)

Computer projector/OHP/Printed synopsis

Evaluation of Results (成績評価の方法)

Submitting paper (report) after the course

Course Subject Title(授業題目)

Conservation genetics

Credits (Units)(単位数)

1

Class Work Type(授業種別)

Lecture

Year of commencement(履修開始年次)

1st year

Semester(履修期間)

First half of the fall term

Day/Period(時間割)

Intensive course in the fall term (Contact to the lecturer to confirm the availability of the course)

Professor (Lecturer or Instructor)(担当教員名)

TAKAGI, Motohiro

Professor (Affiliation/Research field)(担当教員所属)

Ehime University/Conservation genetics

Professor (Telephone)(担当教員電話)

0895-82-1028

Professor (E-Mail)(担当教員)

takagi.motohiro.mc@ehime-u.ac.jp

Keyword for the subject(キーワード)

Conservation genetics, Genetic variability, Wild population, DNA marker

Content and Objective(授業テーマと目的)

Introduction to conservation genetics and explanation of genetic variability management.

Teaching Materials(教科書・参考書)

Computer projector/Printed synopsis

Evaluation of Results(成績評価の方法)

Submitting paper (report) after the cours

Course Subject Title (授業題目)

Fish reproductive physiology

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

First half of the fall term

Day/Period (時間割)

Monday/2nd .

Professor (Lecturer or Instructor) (担当教員名)

MIURA, Takeshi

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/Fish reproductive physiology

Professor (Telephone) (担当教員電話)

089-946-3684

Professor (E-Mail) (担当教員)

miura.takeshi.mx@ehime-u.ac.jp

Keyword for the subject (キーワード)

Spermatogenesis, Oogenesis, Sex differentiation, Fertilization, Molecular biology, Endocrinology

Content and Objective (授業テーマと目的)

The aim of this lecture is to understand the molecular control mechanisms of fish reproduction; sex differentiation, spermatogenesis, oogenesis and fertilization.

Teaching Materials (教科書・参考書)

Computer projector/Printed synopsis

Evaluation of Results (成績評価の方法)

Submitting report after the course

Course Subject Title (授業題目)

Agricultural land management

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

Second half of the fall term

Day/Period (時間割)

Not decided. (Contact the lecturer to confirm the availability of the course.)

Professor (Lecturer or Instructor) (担当教員名)

MATSUOKA, Atsushi

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/Resources and environmental management

Professor (Telephone) (担当教員電話)

089-946-9833

Professor (E-Mail) (担当教員)

matsuoka.atsushi.mb@ehime-u.ac.jp

Keyword for the subject (キーワード)

Agricultural land, Regional resources, Consolidation of land, Zoning, Agricultural public corporation

Content and Objective (授業テーマと目的)

Explanation on role of agricultural land as a regional resource and method to conserve agricultural land properly from a viewpoint of social science

Teaching Materials (教科書・参考書)

Printed synopsis

Evaluation of Results (成績評価の方法)

Submitting report after the course

Course Subject Title(授業題目)

Social management system of coastal zone

Credits (Units)(単位数)

1

Class Work Type(授業種別)

Exercise

Year of commencement(履修開始年次)

2nd year

Semester(履修期間)

Not decided

Day/Period(時間割)

Not decided. (Contact the lecturer to confirm the availability of the course.)

Professor (Lecturer or Instructor)(担当教員名)

TAKENOUCHI, Naruhito

Professor (Affiliation/Research field)(担当教員所属)

Ehime University/South Ehime Fisheries Research Center

Professor (Telephone)(担当教員電話)

089-946-9835

Professor (E-Mail)(担当教員)

takenouchi.naruhito.mf@ehime-u.ac.jp

Keyword for the subject(キーワード)

Coast, Fisheries, Resources, Wise use, Management

Content and Objective(授業テーマと目的)

[Purpose] The goal is to obtain basic knowledge of use and issue of coastal zone

[Target level of achievement] Actual of costal zone, Problem and cause, Construct of management system

Teaching Materials(教科書・参考書)

Computer projector/Printed synopsis

Evaluation of Results (成績評価の方法)

Submitting paper (report) after the course

Course Subject Title (授業題目)

Nutritional epidemiology

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

First half of the spring term

Day/Period (時間割)

Not decided (Contact the lecturer to confirm the availability of the course.)

Professor (Lecturer or Instructor) (担当教員名)

MARUYAMA, Kotatsu

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/Community Health and Nutrition

Professor (Telephone) (担当教員電話)

089-946-9960

Professor (E-Mail) (担当教員)

maruyama.kotatsu.rt@ehime-u.ac.jp

Keyword for the subject (キーワード)

Epidemiology, dietary assessment

Content and Objective (授業テーマと目的)

The aim is to be able to understand and explain the methodology and findings of nutritional epidemiology.

Teaching Materials (教科書・参考書)

Computer projector and printed documents

Evaluation of Results (成績評価の方法)

Submitting report after the course

Course Subject Title(授業題目)

Organic chemistry

Credits (Units)(単位数)

1

Class Work Type(授業種別)

Lecture

Year of commencement(履修開始年次)

1st year

Semester(履修期間)

First half of the spring term

Day/Period(時間割)

Monday/2nd

Professor (Lecturer or Instructor)(担当教員名)

YAMAUCHI, Satoshi

Professor (Affiliation/Research field)(担当教員所属)

Ehime University/Bioorganic Chemistry

Professor (Telephone)(担当教員電話)

089-946-9846

Professor (E-Mail)(担当教員)

yamauchi.satoshi.mm@ehime-u.ac.jp

Keyword for the subject(キーワード)

chemical bond, organic reaction, isomer, functional group, stereochemistry

Content and Objective(授業テーマと目的)

The chemical bond, important organic reaction bearing functional group and the chemistry were explained to understand the synthetic method of organic compounds.

Teaching Materials(教科書・参考書)

Computer projection/OHP

Evaluation of Results(成績評価の方法)

report after the course

Course Subject Title(授業題目)

Organic synthesis

Credits (Units)(単位数)

1

Class Work Type(授業種別)

Lecture

Year of commencement(履修開始年次)

2nd year

Semester(履修期間)

Second half of the spring term

Day/Period(時間割)

Monday/2nd

Professor (Lecturer or Instructor)(担当教員名)

YAMAUCHI, Satoshi

Professor (Affiliation/Research field)(担当教員所属)

Ehime University/Bioorganic Chemistry

Professor (Telephone)(担当教員電話)

089-946-9846

Professor (E-Mail)(担当教員)

yamauchi.satoshi.mm@ehime-u.ac.jp

Keyword for the subject(キーワード)

stereoselective synthesis of natural product

Content and Objective(授業テーマと目的)

The optically pure synthesis of natural product is important for the biological research of natural compound and development of new medicine and pesticide. The synthetic methods will be shown.

Teaching Materials(教科書・参考書)

Computer projection/OHP

Evaluation of Results(成績評価の方法)

report after the course

Course Subject Title (授業題目)

Cellular regulation technology

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

Second half of the spring term

Day/Period (時間割)

Friday/2nd

Professor (Lecturer or Instructor) (担当教員名)

SUGAHARA, Takuya

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/Animal cell technology

Professor (Telephone) (担当教員電話)

089-946-9863

Professor (E-Mail) (担当教員)

sugahara.takuya.mz@ehime-u.ac.jp

Keyword for the subject (キーワード)

Animal cell culture, Functional food, Immunology

Content and Objective (授業テーマと目的)

The focuses of this lecture are a readable introduction to animal cell culture and the application of animal cell culture technique for the evaluation of functional molecules in foods.

Teaching Materials (教科書・参考書)

Computer projector/Printed synopsis

Evaluation of Results (成績評価の方法)

Submitting paper (report) after the course

Course Subject Title (授業題目)

Mode of action of bioactive molecules in foods

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

Second half of the fall term

Day/Period (時間割)

Friday/1st (Contact the lecturer to confirm the availability of the course.)

Professor (Lecturer or Instructor) (担当教員名)

NISHI, Kosuke

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/Animal Cell Technology

Professor (Telephone) (担当教員電話)

089-946-9818

Professor (E-Mail) (担当教員)

nishi.kosuke.mx@ehime-u.ac.jp

Keyword for the subject (キーワード)

Bioactive molecule, mode of action, ADME, Food ingredient

Content and Objective (授業テーマと目的)

Functions of foods have recently been attracting much attention. To understand their mechanism of action, the knowledge of cell biology, molecular biology, biochemistry, and physiology is essential. In addition, basic knowledge of *in vivo* kinetics of food ingredients, including digestion, absorption, distribution, metabolism, and excretion, is required when we take into account the effect of bioactive ingredients in foods on humans. The objective of the course is to provide students with recent findings of the mechanism of action and *in vivo* kinetics of functional food ingredients to understand how food ingredients affect our body.

Teaching Materials (教科書・参考書)

Computer projector/Printed synopsis

Evaluation of Results (成績評価の方法)

Submitting report after the course

Course Subject Title (授業題目)

Genetic engineering and molecular biology

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture and Exercise

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

First half of the fall term

Day/Period (時間割)

Wednesday/2nd

Professor (Lecturer or Instructor) (担当教員名)

AKIYAMA, Koichi

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/ Applied Microbiology

Professor (Telephone) (担当教員電話)

089-946-9917

Professor (E-Mail) (担当教員)

akiyama.koichi.mu@ehime-u.ac.jp

Keyword for the subject (キーワード)

Genetic engineering, Molecular biology, recombinant protein,

Content and Objective (授業テーマと目的)

Introduction of genetic engineering for protein production and biological researches.

Teaching Materials (教科書・参考書)

Printed synopsis

Evaluation of Results (成績評価の方法)

Submitting report after the course

Course Subject Title(授業題目)

Biospheric aspects of atmospheric and hydrological processes

Credits (Units)(単位数)

1

Class Work Type(授業種別)

Lecture

Year of commencement(履修開始年次)

1st year or 2nd year

Semester(履修期間)

First half of the fall term

Day/Period(時間割)

Intensive course in the fall term (Contact the lecturer to confirm the availability of the course.)

Professor (Lecturer or Instructor)(担当教員名)

OUE, Hiroki

Professor (Affiliation/Research field)(担当教員所属)

Ehime University/Rural engineering

Professor (Telephone)(担当教員電話)

089-946-9887

Professor (E-Mail)(担当教員)

oue.hiroki.mh@ehime-u.ac.jp

Keyword for the subject(キーワード)

Hydrological cycle, Radiation balance and heat balance, Vegetation, Evapotranspiration, Photosynthesis, Elevated CO₂, Elevated O₃

Content and Objective(授業テーマと目的)

[Purpose] The goal is to discuss appropriate human activities both for utilizing natural resources and for conserving environment in future by understanding hydrological cycle and meteorology from a global view point.

[Target level and achievement] (1) Understand hydrological cycle and radiation and heat balance in the biosphere. (2) Understand effects of vegetation on hydrological cycle and radiation and heat balance. (3) Discuss effects of human activities on hydrological cycle and radiation and heat balance. (4) Predict evapotranspiration and photosynthesis under the elevated CO₂ and/or O₃.

Teaching Materials(教科書・参考書)

Computer projector/Printed synopsis

Evaluation of Results(成績評価の方法)

Evaluation is made by assignment and presentation (100%).

Course Subject Title (授業題目)

Wastewater treatment and reuse

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

First half of the spring term

Day/Period (時間割)

Monday/2nd

Professor (Lecturer or Instructor) (担当教員名)

HARUTA, Shinsuke

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/Water Treatment and Reuse

Professor (Telephone) (担当教員電話)

089-946-9963

Professor (E-Mail) (担当教員)

haruta.shinsuke.mk@ehime-u.ac.jp

Keyword for the subject (キーワード)

Domestic Wastewater Treatment, Biological Treatment, Chemical Treatment,
Physical Treatment, Reuse of Reclaimed Wastewater to Agricultural Fields

Content and Objective (授業テーマと目的)

Learn basics of domestic wastewater treatment and reuse technology. Discuss about the current topic of Japanese domestic wastewater treatment systems and the reuse of the reclaimed wastewater to agricultural fields.

Teaching Materials (教科書・参考書)

Computer projector/Printed synopsis
Water Reuse by METCALF&EDDY / McGrawHill

Evaluation of Results (成績評価の方法)

Paper test and submitting paper after the course

Course Subject Title (授業題目)

Taxonomy and systematics

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

Second half of the fall term

Day/Period (時間割)

Intensive course in the fall term (Contact the lecturer to confirm the availability of the course.)

Professor (Lecturer or Instructor) (担当教員名)

YOSHITOMI, Hiroyuki

Professor (Affiliation/Research field) (担当教員所属)

Ehime University/Entomology

Professor (Telephone) (担当教員電話)

089-946-9898

Professor (E-Mail) (担当教員)

yoshitomi.hiroyuki.mu@ehime-u.ac.jp

Keyword for the subject (キーワード)

Taxonomy, Systematics, Phylogeny, Biodiversity, Entomology

Content and Objective (授業テーマと目的)

Understanding of taxonomy and systematic including the knowledge of biodiversity and nomenclature – using the insects (entomology).

Teaching Materials (教科書・参考書)

Computer projector/Printed synopsis

Evaluation of Results (成績評価の方法)

Submitting paper (report) after the course

Course Subject Title(授業題目)

Development history of Agriculture, Forestry and Fisheries in Japan

Credits (Units)(単位数)

2

Class Work Type(授業種別)

Lecture

Year of commencement(履修開始年次)

1st year or 2nd year

Semester(履修期間)

Spring term

Day/Period(時間割)

Asynchronous online class

Professor (Lecturer or Instructor)(担当教員名)

ARAKI, Takuya

Professor (Affiliation/Research field)(担当教員所属)

Ehime University/Crop Science

Professor (Telephone)(担当教員電話)

089-946-9526

Professor (E-Mail)(担当教員)

araki.takuya.mg@ehime-u.ac.jp

Keyword for the subject(キーワード)

History, Agriculture, Forestry, Fisheries, Agricultural Economics, Field safety

Content and Objective(授業テーマと目的)

Learn about "the history of growth and development" in the field of agriculture, forestry, and fisheries in Japan as a hint for developing human resources who can practice stable food supply, reduction of rural poverty, and economic growth.

Teaching Materials(教科書・参考書)

e-Learning(Moodle)

Evaluation of Results (成績評価の方法)

Quizzes and reports

Course Subject Title(授業題目)

Resilient Agriculture, forestry and fisheries in Japan with Risk Management

Credits (Units)(単位数)

1

Class Work Type(授業種別)

Lecture

Year of commencement(履修開始年次)

1st year or 2nd year

Semester(履修期間)

Spring term

Day/Period(時間割)

Asynchronous online class

Professor (Lecturer or Instructor)(担当教員名)

KOBAYASHI, Osamu

Professor (Affiliation/Research field)(担当教員所属)

Ehime University/Plant molecular biology and virology

Professor (Telephone)(担当教員電話)

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Keyword for the subject(キーワード)

Risk Management, Orchards, Field Safety, Field Work

Content and Objective(授業テーマと目的)

Currently, vulnerability of agriculture, forestry and fisheries to climate change is becoming a serious risk. Responding to expected risks would strengthen the Resilience of agriculture, forestry and fisheries. Risk management is indispensable for safe and sustainable agriculture, forestry and fisheries and for your fieldwork which is necessary during your research activity in graduate school. In this lecture, we will learn the current state of resilience of agriculture, forestry and fisheries and the basic knowledge of risk management together with risk management during your fieldwork and the skills that can be useful when conducting your research in graduate school.

Teaching Materials(教科書・参考書)

e-Learning(Moodle)

Evaluation of Results(成績評価の方法)

Quizzes and reports