

Advance study on Vegetation Landscape by Motoki HIGA (Code: 19045)

Plant species distributions at broader scale are mainly determined by climatic factors, and those at finer scale are affected by other non-climatic factors including topography, geology, and human-activities. This class focuses on distribution and dynamics of vegetation, and changes in the structure of vegetation landscapes caused by human-activities in the Kuroshio area. Finally, effective conservation planning of vegetation landscape under the developing and declining societies are also discussed.

Environmental History in Kuroshio Region by Shingo AKAIKE (Code: 19053)

The rate of Japanese forest is approximately 67% compared to 30% on average of the world. Of all the prefectures in Japan, Kochi has the highest forest rate at 84%. How has this come about? In this lecture, we will clarify this question from historical perspective. Specifically, Students are expected to be able to explain the historical development of “conservation” and “utilization” of the environment in relation to laws, institutions, and technologies. To deepen mutual understanding by discussing between international students.

Advanced Regional Geography by Yasukazu SATAKE (Code: 19055)

In regional geography, regions are considered to be formed by the interaction of nature and humans and to be constantly changing according to this relationship. The purpose of this class is to systematically study the concept of region and its components and to examine the changes in regions based on them. Specifically, we will study the elements that make up a region, such as nature, economy, and transportation, and deepen our understanding of the interaction of these elements, mainly using the example of regions located in the “Kuroshio Region”.

Advanced study of Physical Fitness and Sports Medicine by Atsumu YUKI (Code: 19056)

Physical fitness is an important factor in the prevention of lifestyle-related diseases and nursing care. In this lecture, we will deepen our understanding of the history of research in physical fitness science, the definition of physical fitness, the effects of physical activity, and health problems of children and the older people.

Advanced Study on Science and Technology Education by Hirotaka DOHO (Code: 19060)

In modern society, technology based on science plays an important role in supporting and enriching our lives. In this lecture, we will extract the specific contents of electrical engineering, information science, and manufacturing, and consider the relationship between science and technology and the significance of education that fuses both from the perspective of academic contents and development of teaching materials.

Advanced Study on Fish Ecology by Yohei NAKAMURA (Code: 19058)

In this class, I will explain the factors that determine the distribution patterns of fishes on coral reefs and their surrounding ecosystems. I also explain the current status of fish resource decline and various management problems in these ecosystems.

Advanced Study of Plant Genetic Resources by Mitsukazu SAKATA (Code: 19059)

Effective use of bioactive natural products is important for promoting human health. It has many rich resources including marine biological resources in the Kuroshio region. In this lecture, we will discuss the current situation and problems of the environmental resources, especially plant genetic resources in the Kuroshio region. In addition, we will explain methods for genetic analysis of these resources and introduce specific examples with the latest and applied research.

Advanced Study on Theoretical Biology by Motomi KATO (Code: 19095)

The Kuroshio region includes mountain, river and marine ecosystems. This class focuses on theoretical studies on animal ecology and life science in these ecosystems. It further deals with applied studies on interactions between the ecosystems and ecosystem conservation.

(5) Dissertation Research

Dissertation Research is a related series of studies for writing the dissertation and is conducted under the guidance of the supervisor and co-supervisors. Students acquire advanced knowledge and skills in specialist fields and develop into strong inquisitive researchers. Publication of papers in academic journals and presentations at international conferences are required to have a doctoral dissertation accepted for review. (Refer to the implementation guidelines and additional notes regarding the doctoral dissertation review in “III. Getting Degree”.) In addition, because the doctoral dissertation is reviewed based on the policy governing the conferral of degrees in III-1. (2) and the evaluation criteria in III-1. (3) below, students should read those sections carefully to make sure they understand them fully.

I-4. Grading, etc

(1) Grading

Course grades are given on a 100-point scale, with a score of 60 or higher being considered a passing grade. The grading standards are shown in the table below. The grading method varies depending on the class, so please check the "Grading Method" in the syllabus.

All registered courses are subject to grading and will be graded unless the student cancels the course registration within the designated period.

Pass/fail	Grade	Points	Criteria
Pass	Outstanding	90 to 100 points	Student judged to have understood and grasped the knowledge, skills, and ideas indicated in the achievement goals, and performed far exceeding the standard level of achievement
	Excellent	80 to 89 points	Student judged to have understood and grasped the knowledge, skills, and ideas indicated in the achievement goals, and performed exceeding the standard level of achievement
	Good	70 to 79 points	Student judged to have understood and grasped the knowledge, skills, and ideas indicated in the achievement goals, to have applied them to the prescribed tasks, and performed at about the standard level of achievement
	Passing	60 to 69 points	Although performance is below the standard level of achievement, student judged to have understood and grasped the knowledge, skills, and ideas indicated in the achievement goals
Fail	Fail	59 points or less	Student judged to have not understood and grasped the knowledge, skills, and ideas indicated in the achievement goals, and is not appropriate for credit acquisition

(2) Grade Appeal System of Kuroshio Integrated Science Program

November 27, 2019

Decision by the Kuroshio Science Program Meeting

Partially Amended on December 7, 2021

Appeal System to grades for course subjects offered in the Kuroshio Science Program will be handled as follows.

1. If a student disagrees with their grade or believes that the grading deviates from the achievement objectives and grading criteria as communicated through information from the syllabus and the classes, the student may file an appeal by filling out the form designated by the Program.

With regard to filing appeals, the following points, in particular, should be noted.

No appeals may be made against the achievement objectives and grading criteria set by course instructors.

2. Submit the form to the administrative staff in Kuroshio Science Office (hereinafter, the administrative staff). In principle, the form must be submitted within five (5) days after grades are announced (excluding Saturdays, Sundays, and holidays; the same shall apply hereinafter).
3. If a student raises an objection, an investigation committee consisting of the following three members shall be established.

Chairperson: Chairperson of the Academic Affairs Committee

(If the chairperson of the Academic Affairs Committee is the course instructor, the chairperson shall be appointed by the head of the program)

Committee members: 2 members of the Academic Affairs Committee

(Note that the committee members shall be teachers other than the course instructor and shall be appointed by the chairperson of the Academic Affairs Committee. If the chairperson of the Academic Affairs Committee is the course instructor, the committee members shall be appointed by the head of the program.)

4. The investigation committee will conduct an investigation, etc. and prepare a written response. After the response is prepared, it will be reported to and confirmed by the head of the department, and the response will be finalized.
5. The content of the written response shall be communicated to the course instructor, and the student shall be notified with the written response. Notification shall be made within seven days of the filing of the objection, in principle.

6. If a grade correction occurs as a result of the response, the course instructor shall immediately submit a grade correction request to the administrative staff.
7. If the objection is related to the completion of the course and cannot be handled based on the above schedule due to the schedule of completion judgment, a separate schedule will be set and the student will be notified.
8. Other matters related to grade appeals will be discussed by the Academic Affairs Committee.