

基本情報

時間割コード/Course Code	
開講区分(開講学期)/Semester	Spring and Summer Term
曜日・時間/Day and Period	Thu3
開講科目名/Course Name (Japanese)	生物学演習A
開講科目名(英)/Course Name	Seminar in Biology A
教室/Room	
定員/Capacity	
ナンバリング/Course Numbering Code	
必修・選択/Required/Optional	
授業形態/Type of Class	演習科目
単位数/Credits	2
年次/Student Year	
分野/Field	
担当教員/Instructor	All faculty members
メディア授業科目/Course of Media Class	

※メディア授業科目について

授業回数の半数以上を、多様なメディアを高度に利用して教室等以外の場所で行う授業を「メディア授業科目」としています。

学部学生が「メディア授業科目」を卒業要件に算入できるのは60単位が上限です。

なお、非該当の場合であっても、メディアを利用した授業を実施する場合があります。

詳細情報

授業サブタイトル/Course Subtitle	
開講言語/Language of the Course	Japanese/English
学習方法/Learning Method	聴講・視聴, 討論, 協同, 体験・実践・発表
授業の目的と概要/Course Objective	Through introductions to the Department of Biological Sciences and its laboratories, as well as small-group seminars, students will be guided in their studies to become biology professionals. The seminar will be conducted through interaction between students, faculty members, and, in some cases, laboratory members affiliated with the faculty member, with a visit to the laboratory.
履修条件・受講条件/Requirement / Prerequisite	Students who can accept to participate in classes together with Japanese students.
出欠席及び受講に関するルール/Attendance and Student Conduct Policy	Attendance at all classes is required.
教科書・指定教材/Textbooks	Referrals will be made by faculty if needed.
参考図書・参考教材/Reference	Referrals will be made by faculty if needed.
成績評価に関する補足情報/Additional Information on Grading	Attendance at class is required for the seminar.
合理的配慮/Reasonable Accommodation	
特記事項/Special Note	Approximately 50 Japanese students will participate in this class together.
オフィスアワー/Office Hour	
実務経験のある教員による授業科目/Course conducted by instructors with practical experience	

成績評価詳細情報

学習目標(1)/Learning Goal(1)	Students will be briefed by the faculty of the Department of Biological Sciences on the research conducted in each laboratory, and through experiments in the lab, will gain an understanding of the research conducted in each laboratory.

学習目標/Learning Goal	評価方法				
	学習への参加度	レポート・論文	実技・実演		
学習目標(1)/Learning Goal(1)	○	○	○		
評価割合(%)/Grade Breakdown	40%	10%	50%	%	%

授業計画

回/Time	題目/Title	内容/Content	授業時間外学習/Independent Study Outside of Class
第1回	Guidance by each faculty member		
第2回	Guidance by each faculty member	Students will be briefed by the faculty of the Department of Biological Sciences on the research conducted in each laboratory.	Students will summarize what each instructor discussed in the guidance session and prepare a report. After attending the introductory seminar given by each instructor, summarize the contents of the seminar and prepare a presentation.
第3回	Guidance by each faculty member	Same as above.	Same as above.
第4回	Guidance by each faculty member		
第5回	Guidance by each faculty member		
第6回	Guidance by each faculty member		

第7回	Guidance by each faculty member		
第8回	Introductory seminar	During the laboratory visit, students attend an introductory seminar in small groups. The content varies depending on the faculty member in charge. The seminar includes lectures, a roundtable discussion of scientific English papers, problem posing, investigation and study by the students themselves (experiments and exercises on related issues), and a summary and presentation of the results.	Students will summarize the contents of the seminar and prepare a presentation.
第9回	Introductory seminar	Same as above.	Same as above.
第10回	Introductory seminar		
第11回	Introductory seminar		
第12回	Introductory seminar		
第13回	Introductory seminar		
第14回	Introductory seminar		
第15回	Introductory seminar		
第16回	Presentation and report	Students present their experiences and submit reports.	

授業担当教員					
教員氏名 / Instructor Name	ふりがな / Name (hiragana)	所属・職名・講座名 / Affiliation, Title, Course	居室 / Office	内線 / Extension	e-mail / E-mail
All the members of Dept of Biological Sciences. See https://www.bio.sci.osaka-u.ac.jp/en/laboratory/					