

[前画面へ戻る](#)

学部・大学院区分 Undergraduate / Graduate	学部
時間割コード Registration Code	0053211
科目名 【日本語】 Course Title	[G30]生物学基礎 II
科目名 【英語】 Course Title	[G30]Fundamentals of Biology II
使用言語 Language Used in the Course	English
担当教員 【日本語】 Instructor	VASSILEVA Maria ○
担当教員 【英語】 Instructor	VASSILEVA Maria Nikolaeva ○
単位数 Credits	2
開講期・開講時間帯 Term / Day / Period	春 水曜日 2時限 Spring Wed 2

授業の目的 【英語】 Goals of the Course [ENG]	<p>【Standardized across all programs】</p> <p>Animals and plants construct tissues and organs with differentiated cells and integrate them to perform various higher-level biological functions that cannot be performed by a single cell. In this lecture, we aim to deepen our understanding of the significance and mechanisms of higher-order biological functions at the individual level in animals and plants, based on the basic knowledge of biology acquired in Basic Biology I. Through this understanding, we will consider the universality and diversity of life phenomena.</p>
授業の達成目標 【英語】 Objectives of the Course [ENG]	<p>This course's main focus is to provide students with working understanding on how the human body functions, and connect it to health and disease. Short introduction is given for basic concepts in ecology.</p> <p>The course emphasizes on conceptual understanding of the biological topics discussed, rather than on memorization of terms and facts. Course assignments are prepared with the goal of providing an opportunity to practice conceptual and analytical thinking. Students will gain the ability to use their understanding of human physiology to take informed decisions in everyday health-related situations. Ecology section will allow students to critically evaluate agricultural and ecological issues. Students will also have a regular opportunity to engage in discussions, and hone their teamwork skills in team projects.</p>
教科書 Textbook	<p>Title: OpenStax Biology 2e Authors: Clark, Douglas, Choi Publisher: OpenStax Year: 2018 ISBN: 978-1-947172-52-4 Free downloadable textbook (<a href="http://openstaxcollege.org">http://openstaxcollege.org</a>), uploaded on Perusall platform.</p>
課外学修等 Study Load (Self-directed Learning Outside Course Hours)	<p>This course uses a flipped classroom format. Students are expected to prepare extensively for each class: read the appropriate textbook chapter before class, comment on it through the collaborative reading platform Perusall and submit quizzes. Classes emphasize discussions and questions, thus coming prepared is essential.</p>
注意事項 Notice for Students	<p>Class attendance is not compulsory, thus there is no need to send emails asking for permission not to attend classes. This course makes extensive use of online platforms TACT (formerly NUCT) and Perusall. Detailed course information is available on TACT (formerly NUCT).</p>
本授業に関するWebページ Reference website for this Course	
担当教員からのメッセージ Message from the Instructor	
実務経験のある教員等による授業科目 (大学等における修学の支援に関する法律施行規則に基づくもの) Courses taught by Instructors with practical experience	
授業開講形態等 Lecture format, etc	A-1) Face-to-face course (Only face-to-face classes)

[前画面へ戻る](#)