

科目名	Course Title
[春1]生物学特論 (Special Topics in Biology XVII)	
学科・専攻	Department/Program
生命理学科	
受講年次	Grade
2年	
授業形態	Class style
必修・選択の別	Compulsory or Elective
講義	
時間割コード	Registration code
0655470	
開講期・曜日・時限	Semester, Day & Period
春1期 木曜：4時限	
単位数	Credit
1	
科目区分	Course type
担当教員	Instructor
VASSILEVA Maria(VASSILEVA Maria)	
所属研究室	Laboratory
連絡先	Contact
mnvassileva@bio.nagoya-u.ac.jp	
居室	Room
E202	

講義の目的とねらい	Course purpose
<p>This course will provide students with basic vocabulary and concepts in Molecular Biology. Students will familiarize themselves with molecular biology-related terminology in English and will practice discussing biological concepts in English. Students will also have an opportunity to prepare poster presentations in English.  Note: this course is conducted in English.</p>	
履修要件	Prerequisite
<p>None.  Even students who are not confident in their English skills, but have a desire to improve them, are welcome. Interest in Biology is the only prerequisite.</p>	
履修取り下げの方法について	How to Apply for Course Withdrawal
<p>&lt;「履修取り下げ届」提出の要・不要 Necessity/Unnecessity to submit "Course Withdrawal Request Form"&gt; 要  &lt;条件等 Conditions&gt;  Students need to submit a Withdrawal Request Form to the course instructor when they have no intention of finishing the course. This can be done at any time during the course.</p>	
成績評価	Grading
<p>Grading is based on attendance, written examinations (weekly quizzes), individual homework assignments (weekly mindmap summary) and group assignment (group poster presentation).</p>	
不可 (F) と欠席 (W) の基準	Criteria for "Absent(W)" & "Fail" grades
<p>Absent grade: submitted Withdrawal Request Form;  Fail grade: failure to accumulate 60 points or more from the evaluation criteria</p>	
関連する科目	Related courses

Special Topics in Biology XVIII
他学科学生の聴講について About attend other
<可否> 可能 <条件> Anyone interested in Biology is welcome, even students without a background in biology.
教室 Class room
E131

到達目標 Goal
The goals of this course are for the students to be able to: (1) Explain basic molecular biology concepts in English (2) Develop teamwork skills (3) Read and summarize biology-related texts in English

授業内容 Content
Course content 1. History of Genetics, Mendelian genetics 2. Structure of DNA 3. DNA Replication 4. Transcription 5. Translation 6. How genes are regulated 7. Student presentations

教科書 Textbook
Concepts of Biology, OpenStax (free downloadable textbook at OpenStax website: <a href="https://openstax.org/details/books/concepts-biology">https://openstax.org/details/books/concepts-biology</a> )
参考書 Recommended reading
Alternative sources: Campbell Biology Concepts and Connections; Pearson. Essential Cell Biology; WW Norton. (available at School of Science library)
連絡方法 Contact method
Students can contact the lecturer via e-mail.
その他 Remarks
This course expects active participation during class and self-directed learning outside of class. This course is conducted in English.