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授業科目 <英訳:		Biology Biology					担当 職名	i者所 ・氏	属生命	科学研	¶究科	丨准	主教授	Adam	n Tsuda GUY	
群	自然科学科目群				分野(分類)	(分類) 生物			i)			使用言語		英語	英語	
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開講年度・ 開講期	2025・育	前期	曜時限	月3	3			配当	é 学年	主として	1 • 2[回生	対象学	生	理系向	
【授業のThis classand 2ndalthoughstudentsof the sinorganism【到達目Studentsconsiderlife.Studentsbetweensuch as ofevolution【授業計1. Introd2. The F3. Biolo4. Biolo5. Energ6. Cell S7. Lipid8. Cell H9. Cell I10. Cent11. Cent12. DNA13. Dive14. Intro15. Final	概要・目 概要・目 感 will prov year studen students fi to core cor nilarities in so but betw 標] will gain f ing the che will then b proteins, n organelles. nary time, a 画と内容 luctory Lea Cole of Che gical Macr gical M	的] ide a ba not a ba not a com othe accepts in a difference een cell familiari mistry of begin to ucleic a Student and also cure emistry i omolect omolect omolect and Func branes I I I I gy	isic intro- will assu er majors biology ent organ types, a ty with t of carbon learn abo cids, lipi s should how the in Biolog ules I ules II tion	duc ime s ar , th ism nd : n an out ds, beg y v	ction to mole e some prior re welcome to ne scientific ns as well as at the molect fundamenta id water, and the cell, and and carbohy gin to appre- rary in differ	fami to atte study some cular i ls of i l the d how ydrate ciate	liari end. of l e of level biolo ener v cel es, a how	d cell ty with The living the c l of p ogy, gy p lular cting	l biolog ith elen e object g organ obvious orotein starting rocesse function g alone, dament	y, in H nentary ive for isms. differ function g with s and the on dep in con al proc	Engl y cho r the We ence ons. the r the r the r the r	ish. emi e cla wi es, 1 mos mac s or exes	. The class is to a start and ass is to a ll pay attant not only st basic of cromolect a complete s, or in la tre conse	ass is biol intro tentio betw conce cules ex int argen	s open to 1st logy, duce on to some veen epts, that define teractions r structures	

Basic Biology-E2(2)へ続く

Basic Biology-E2(2)

[履修要件]

This class is open to all 1st and 2nd year science students, but it requires some basic (high school-level) knowledge of chemistry and biology.

[成績評価の方法・観点]

Lectures will encourage student participation. There will be in-class quizzes and then a final exam to assess comprehension of the concepts of basic biology taught in this course. Evaluation: attendance and student participation: 20%; quizzes: 30%; final exam: 50%.

[教科書]

使用しない

Lecture handouts will be provided for each class.

[参考書等]

(参考書)

Wasserman, Minorsky, Cain, Urry, Waterman, Stanley & Reece Campbell Biology (Pearson) ISBN: 9780134082318 (Most of the content of this course is covered in this textbook)

[授業外学修(予習・復習)等]

Students may need 2-3 hours per week to review the lecture material and look up any background information as necessary. Some students may know the subject already, but need to learn the English vocabulary; others may need to learn both Biology and English.

[その他(オフィスアワー等)]

In principle, anytime. Please contact the instructor by e-mail if you have any questions. For consultations about course-related matters outside class hours, please make an appointment directly or by e-mail.

[主要授業科目 (学部・学科名)]

理学部