

Course number	Name of the Course			Japanese Name	
HE11023	Biology: Laboratory			生物学実験	
Grade	Unit	Module	Day of Week	Period of Time	Room
1st	0.5	Autumn-A	Friday	4th & 5th	4B・113 & 211
Instructors (Office・Tel・email・Office hour)					
Dr. Eiji Warabi (warabi-e@md.tsukuba.ac.jp) Dr. Kazuya Morikawa (morikawa.kazuya.ga@u.tsukuba.ac.jp)					
Objectives					
This course is aimed to make students acquire basic methods and practical skills on biological research enough to study medical sciences further.					
Language: <input checked="" type="checkbox"/> / <input type="checkbox"/> Japanese、 <input type="checkbox"/> English、 <input checked="" type="checkbox"/> Bilingual					
	Date	Name of instructor	Lecture outline		
1	5 Oct	Warabi, Morikawa	Cells under microscopy 1		
2	12 Oct	Warabi, Morikawa	Cells under microscopy 2		
3	19 Oct	Warabi, Morikawa	Anatomy of mice		
4	26 Oct	Warabi, Morikawa	Regulation of blood glucose by hormones		
5	31 Oct <u>Wed</u>	Warabi, Morikawa	TBD		
Levels for credit needed	Minimal requirement for credit grant (criteria common to all practical subjects of Sch. Med. Sci.): 1) At least 2/3 attendance to the class, and 2) Submission of reports evaluated as Grade C or higher.				
Text and materials	An original booklet will be provided				
Grade evaluation	In addition to performance in the class and the report evaluation, examinations may be underwent for particular subjects. For this subjected, evaluation is made by 【 Attitude and report】				
Remarks : Master how to use “manaba” beforehand. Lecture is carried out basically in Japanese, while handout written in English is available. Important safety information will also be provided in English.					