

## 2025 Class Schedule

## Integrative Life Sciences

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Note: Lecture schedules and other details will be posted on Google Classroom. Please register for the classroom of the lecture you wish.

Note: The method of conducting may change; please refer to the information posted on Google Classroom.

## Master's Degree Program (2-year course)

Registration	Category	Subject	Credit	Date	Time	Method of conducting/Place	Faculty member(s) in charge	Language	Google Classroom	Notes						
In April	Core subjects (A)	Advanced Lecture on Life Ethics	Compu Isory	1	Available from June 2		On-demand delivery via Google Classroom	Prof. Naoe Kiyotaka: Graduate School of Arts and Letters	JP	obob55v	Alternative subjects in English are required.					
				1	April 28 (Mon)	13:00-17:00	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Nakajima Harushi: Meiji University								
				1	May 30 (Fri)	9:00-16:30	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Kato Kazuto: Osaka University								
				1	May 8 (Thu) May 9 (Fri)	10:00-14:30 10:00-11:30	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Ikeda Kazutaka: Kazusa DNA Research Institute								
	Core subjects (A)	Lecture on Research Ethics and Social Responsibility	Compu Isory	1	1	Available from early May		On-demand delivery via Google Classroom	Prof. Kuranaga Erina	JP, ENG	lp5x3ur					
					1	Available from April 14		On-demand delivery via Google Classroom	Prof. Hatsuyama Takahito							
	APRIN E-learning Program (Notification will be provided separately via Google Classroom and email.)									JP, ENG	No					
	Core subjects (B)	Lecture on Basic Bio-Industry	Compu Isory	1	1	April 21 (Mon)	14:00-17:00	Online (live) via Google Classroom	Prof. Sato Shusei Prof. Masuzawa Ryuta: RM London Partners Ltd.	JP	ngmnqx5	Alternative subjects in English are required.				
					1	May 23 (Fri)	13:00-16:00	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Matsuoka Toru: Graduate School of Law							
		Lecture on Environmental Management	Compu Isory	1	1	June 3 (Tue)	9:00-17:00	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Tayasu Ichiro: Research Institute for Humanity and Nature Prof. Ishii Reiichiro: Research Institute for Humanity and Nature Prof. Fujita Kaori	JP	zxpajzx					
Core subjects (C)	General Integrative Life Sciences	Compu Isory	2	1	Available from May 7 (Wed)		On-demand delivery via Google Classroom <b>*Part of the course is scheduled to be live-streamed. The schedule will be posted on Google Classroom.</b>	Prof. Tanimoto, Prof. Takeuchi, Prof. Abe, Prof. Tsutsui, Prof. Fukuda, Prof. Sugimoto, Prof. Taguchi, Prof. Matsui, Prof. Chiba N., Prof. Osumi, Prof. Tanaka K.	JP, ENG ※	rzt6ha7	※ Some lectures are provided in English only.					
	General Ecological Developmental Adaptability Life Sciences			2	Available from May 9 (Fri)		On-demand delivery via Google Classroom	Prof. Tamura, Prof. Ueda, Prof. Hikosaka, Prof. Kondo, Prof. Sato, Prof. Maki, Prof. Chiba S., Prof. Kumano, Associate Prof. Fujii, Associate Prof. Kass, Associate Prof. Uno	JP, ENG ※	dq7qiw5	※ Some lectures are provided in English only.					
	General Molecular and Chemical Life Sciences			2	Available from April 21 (Mon)		On-demand delivery via Google Classroom	Prof. Nagata, Prof. Takahashi, Prof. Mizukami, Prof. Arimoto, Prof. Ishikawa, Prof. Sasaki, Prof. Tanaka Y., Prof. Makino, Prof. Watanabe, Prof. Higashitani, Prof. Ohashi, Prof. Yonekura, Prof. Nango	JP, ENG	p5euw46						
In October	Specialized subjects	Advanced Integrative Life Sciences I (Brain and Nervous System)	Compu Isory ; at least 4 credits are required	2	Nov. 28 (Fri) Dec. 5 (Fri) Dec. 12 (Fri) Dec. 19 (Fri)	8:50-12:00	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Tanimoto, Prof. Takeuchi, Prof. Abe, Prof. Tsutsui	ENG	wzbpnws						
In April				Advanced Integrative Life Sciences II (Cellular Network)	2	Sept. 8 (Mon) Sept. 9 (Tue)						8:50-16:10	In-person: Science Complex A 303(Aobayama campus) In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Fukuda, Prof. Taguchi Prof. Matsui, Prof. Sugimoto.	JP, ENG	s5lm5yl
				In October	Advanced Integrative Life Sciences III (Developmental Regulation Network)	2						Nov. 7 (Fri) Nov. 14 (Fri) Nov. 21 (Fri)	9:00-12:00	Online (live) via Google Classroom	Prof. Tanaka K. Prof. Chiba N. Prof. Ogasawara	ENG
Unnecessarily					Seminars on Integrative Life Sciences	6						Laboratory seminars and thesis preparation. Please follow your supervisor's instructions.				
In April	Specialized subjects	Advanced Biochemistry I	Compu Isory; at least 2 credits are required	2	Every Wednesday from April 16	In-person: 9:00-12:00	In-person: Lecture room, Graduate School of Agricultural Science (Aobayama Campus, Aobayama Commons 2F) and on-demand delivery via Google Classroom	JP	fazmfz7							
		Advanced Biochemistry II		2	Available from May 9 (Fri)				On-demand delivery via Google Classroom		JP	lqovmkz				
		Advanced Cell Biology I		2	Every Tuesday from June 3	In case of live streaming 13:20-17:30	Online (live) and on-demand delivery via Google Classroom	JP	2slux4q							
		Advanced Cell Biology II		2					xdqsa7ow							
		Advanced Ecology I		2												
		Advanced Ecology II		2												
	Related subjects	Other courses approved by the Faculty Committee as related subjects		Check the attached "Courses Recognized as Related Subjects". It is also available on the website.												

## 2025 Class Schedule

## Ecological Developmental Adaptability Life Sciences

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## Master's Degree Program (2-year course)

Registration	Category	Subject	Credit	Date	Time	Method of conducting/Place	Faculty member(s) in charge	Language	Google Classroom	Notes										
In April	Core subjects (A)	Advanced Lecture on Life Ethics	Compu Isory	1	Available from June 2		On-demand delivery via Google Classroom	Prof. Naoe Kiyotaka: Graduate School of Arts and Letters	JP	obob55v	Alternative subjects in English are required.									
					April 28 (Mon)	13:00-17:00	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Nakajima Harushi: Meiji University												
					May 30 (Fri)	9:00-16:30	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Kato Kazuto: Osaka University												
					May 8 (Thu) May 9 (Fri)	10:00-14:30 10:00-11:30	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Ikeda Kazutaka: Kazusa DNA Research Institute												
		Lecture on Research Ethics and Social Responsibility	Compu Isory	1	Available from early May		On-demand delivery via Google Classroom	Prof. Kuranaga Erina	JP, ENG	lp5x3ur										
					Available from April 14		On-demand delivery via Google Classroom	Prof. Hatsuyama Takahito												
	APRIN E-learning Program (Notification will be provided separately via Google Classroom and email.)								JP, ENG	No										
		Core subjects (B)	Lecture on Basic Bio-Industry	Compu Isory	1	April 21 (Mon)	14:00-17:00	Online (live) via Google Classroom	Prof. Sato Shusei Prof. Masuzawa Ryuta: RM London Partners Ltd.	JP	ngmnqx5	Alternative subjects in English are required.								
						May 23 (Fri)	13:00-16:00	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Matsuoka Toru: Graduate School of Law											
			Lecture on Environmental Management	Compu Isory	1	June 3 (Tue)	9:00-17:00	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Tayasu Ichiro: Research Institute for Humanity and Nature Prof. Ishii Reiichiro: Research Institute for Humanity and Nature Prof. Fujita Kaori	JP	zxpajzx									
	Core subjects (C)	General Integrative Life Sciences	Compu Isory	2	Available from May 7 (Wed)		On-demand delivery via Google Classroom <b>*Part of the course is scheduled to be live-streamed. The schedule will be posted on Google Classroom.</b>	Prof. Tanimoto, Prof. Takeuchi, Prof. Abe, Prof. Tsutsui, Prof. Fukuda, Prof. Sugimoto, Prof. Taguchi, Prof. Matsui, Prof. Chiba N., Prof. Osumi, Prof. Tanaka K.	JP, ENG ※	rzt6ha7	※ Some lectures are provided in English only.									
												General Ecological Developmental Adaptability Life Sciences	2	Available from May 9 (Fri)		On-demand delivery via Google Classroom	Prof. Tamura, Prof. Ueda, Prof. Hikosaka, Prof. Kondo, Prof. Sato, Prof. Maki, Prof. Chiba S., Prof. Kumano, Associate Prof. Fujii, Associate Prof. Kass, Associate Prof. Uno	JP, ENG ※	dq7qiw5	※ Some lectures are provided in English only.
												General Molecular and Chemical Life Sciences	2	Available from April 21 (Mon)		On-demand delivery via Google Classroom	Prof. Nagata, Prof. Takahashi, Prof. Mizukami, Prof. Arimoto, Prof. Ishikawa, Prof. Sasaki, Prof. Tanaka Y., Prof. Makino, Prof. Watanabe, Prof. Higashitani, Prof. Ohashi, Prof. Yonekura, Prof. Nango	JP, ENG	p5euw46	
In April	Specialized subjects	Advanced Ecological Developmental Adaptability Life Sciences I (Biological Dynamics)	Compu Isory ; at least 4 credits are required	2	Oct. 16 (Thu) Oct. 23 (Thu) Nov. 6 (Thu)		In-person: Lecture Room 104&105, Life Sciences Project Research Bld. and live streaming	Guest Lecturers	JP, ENG	fgpet7r										
		Advanced Ecological Developmental Adaptability Life Sciences II (Ecological Dynamics)			2	December 8 (Mon) -December 12 (Fri)		In-person: Lecture Room 104&105, Life Sciences Project Research Bld. Online (live) On-demand delivery via Google Classroom				Prof. Kondo, Prof. Hikosaka, Prof. Sato, Associate Prof. Kass, Associate Prof. Uno, Associate Prof. Mitsui								
In April		Advanced Ecological Developmental Adaptability Life Sciences III (Biodiversity Dynamics)											2	September 2 (Tue)-September 5 (Fri)	In person: Research Center for Marine Biology, Asamushi, Aomori Prefecture	Prof. Kumano, Prof. Chiba S., Prof. Maki, Associate Prof. Minogawa, and other.	JP※	am4vy4z	*For those who don't understand Japanese, individual assistance will be provided during lab/field work.	
Unnecessarily	Specialized subjects	Seminars on Ecological Developmental Adaptability Life Sciences	Compu Isory	6	Laboratory seminars and thesis preparation. Please follow your supervisor's instructions.															
		Project experiment (A): Ecological Developmental Adaptability Life Sciences	Compu Isory	10																
In April	Specialized subjects	Advanced Biochemistry I	Compu Isory; at least 2 credits are required	2	Every Wednesday from April 16	In-person: 9:00-12:00	In-person: Lecture room, Graduate School of Agricultural Science (Aobayama Campus, Aobayama Commons 2F) and on-demand delivery via Google Classroom		JP	fazmfz7										
		Advanced Biochemistry II								2		xfaabjm								
		Advanced Cell Biology I					2	Available from May 9 (Fri)		On-demand delivery via Google Classroom		JP	lqovmkz							
		Advanced Cell Biology II					2													
		Advanced Ecology I					2	Every Tuesday from June 3		In case of live streaming 13:20-17:30		Online (live) and on-demand delivery via Google Classroom		JP	2slux4q					
		Advanced Ecology II					2								xdqsa7ow					
	Related subjects	Other courses approved by the Faculty Committee as related subjects		Check the attached "Courses Recognized as Related Subjects". It is also available on the website.																

Note: Lecture schedules and other details will be posted on Google Classroom. Please register for the classroom of the lecture you wish.

Note: The method of conducting may change; please refer to the information posted on Google Classroom.

## Master's Degree Program (2-year course)

Registration	Category	Subject	Credit	Date	Time	Method of conducting/Place	Faculty member(s) in charge	Language	Google Classroom	Notes		
In April	Core subjects (A)	Advanced Lecture on Life Ethics	Computory	1	Available from June 2		On-demand delivery via Google Classroom	Prof. Naoe Kiyotaka: Graduate School of Arts and Letters	JP	obob55v	Alternative subjects in English are required.	
					April 28 (Mon)	13:00-17:00	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Nakajima Harushi: Meiji University Bld.				
					May 30 (Fri)	9:00-16:30	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Kato Kazuto: Osaka University				
					May 8 (Thu) May 9 (Fri)	10:00-14:30 10:00-11:30	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Ikeda Kazutaka: Kazusa DNA Research Institute				
		Lecture on Research Ethics and Social Responsibility	Computory	1	Available from early May		On-demand delivery via Google Classroom	Prof. Kuranaga Erina	JP, ENG	lp5x3ur		
					Available from April 14		On-demand delivery via Google Classroom	Prof. Hatsuyama Takahito				
	APRIN E-learning Program (Notification will be provided separately via Google Classroom and email.)								JP, ENG	No		
		Core subjects (B)	Lecture on Basic Bio-Industry	Computory	1	April 21 (Mon)	14:00-17:00	Online (live) via Google Classroom	Prof. Sato Shusei Prof. Masuzawa Ryuta: RM London Partners Ltd.	JP	ngmnqx5	Alternative subjects in English are required.
						May 23 (Fri)	13:00-16:00	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Matsuoka Toru: Graduate School of Law			
			Lecture on Environmental Management	Computory	1	June 3 (Tue)	9:00-17:00	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Tayasu Ichiro: Research Institute for Humanity and Nature Prof. Ishii Reiiichiro: Research Institute for Humanity and Nature Prof. Fujita Kaori	JP	zxpajzx	Alternative subjects in English are required.
		Core subjects (C)	General Integrative Life Sciences	Computory	2	Available from May 7 (Wed)		On-demand delivery via Google Classroom <b>*Part of the course is scheduled to be live-streamed. The schedule will be posted on Google Classroom.</b>	Prof. Tanimoto, Prof. Takeuchi, Prof. Abe, Prof. Tsutsui, Prof. Fukuda, Prof. Sugimoto, Prof. Taguchi, Prof. Matsui, Prof. Chiba N., Prof. Osumi, Prof. Tanaka K.	JP, ENG ※	rzt6ha7	※ Some lectures are provided in English only.
						Available from May 9 (Fri)		On-demand delivery via Google Classroom	Prof. Tamura, Prof. Ueda, Prof. Hikosaka, Prof. Kondo, Prof. Sato, Prof. Maki, Prof. Chiba S., Prof. Kumano, Associate Prof. Fujii, Associate Prof. Kass, Associate Prof. Uno	JP, ENG ※	dq7qiw5	※ Some lectures are provided in English only.
						Available from April 21 (Mon)		On-demand delivery via Google Classroom	Prof. Nagata, Prof. Takahashi, Prof. Mizukami, Prof. Arimoto, Prof. Ishikawa, Prof. Sasaki, Prof. Tanaka Y., Prof. Makino, Prof. Watanabe, Prof. Higashitani, Prof. Ohashi, Prof. Yonekura, Prof. Nango	JP, ENG	p5euw46	
	Specialized subjects	Advanced Molecular and Chemical Life Sciences I (Chemical Biology)	Computory ; at least 4 credits are required	2	Available from June (JP) and October (ENG)		On-demand delivery via Google Classroom	Prof. Tanaka Y., Prof. Arimoto, Prof. Sasaki, Prof. Ishikawa, Prof. Ohashi, Prof. Ueda, Prof. Doi	JP, ENG	2gz2psb	Japanese and English lectures held on different dates	
				Available from June (JP) and October (ENG)		On-demand delivery via Google Classroom	Prof. Nagata, Prof. Makino, Prof. Watanabe, Prof. Higashitani, Associate Prof. Ohtsubo, Lecturer Yokoyama	JP, ENG	m3nvh4h			
				Available from June (JP) and November (ENG)		On-demand delivery via Google Classroom	Prof. Takahashi, Prof. Yonekura, Prof. Nango, Prof. Mizukami, Prof. Motohashi, Prof. Wei, Associate Prof. Yamakawa, Associate Prof. Hamaguchi, Associate Prof. Kowada, Associate Prof. Okuyama	JP, ENG	jtatnwr			
Unnecessarily	Specialized subjects	Seminars on Molecular and Chemical Life Sciences	Computory	6	Laboratory seminars and thesis preparation. Please follow your supervisor's instructions.							
		Project experiment (A): Molecular and Chemical Life Sciences	Computory	10								
In April	Specialized subjects	Advanced Biochemistry I	Computory ; at least 2 credits are required	2	Every Wednesday from April 16	In-person: 9:00-12:00	In-person: Lecture room, Graduate School of Agricultural Science (Aobayama Campus, Aobayama Commons 2F) and on-demand delivery via Google Classroom	JP	fazmfz7			
		Advanced Biochemistry II		2					xfaabjm			
		Advanced Cell Biology I		2	Available from May 9 (Fri)		On-demand delivery via Google Classroom	JP	lqovmkz			
		Advanced Cell Biology II		2								
		Advanced Ecology I		2	Every Tuesday from Jun. 3	In case of live streaming 13:20-17:30	Online (live) and on-demand delivery via Google Classroom	JP	2slux4q			
		Advanced Ecology II		2					xdqsa7ow			
	Related subjects	Other courses approved by the Faculty Committee as related subjects		Check the attached "Courses Recognized as Related Subjects". It is also available on the website.								

## 2025 Class Schedule

**Note: Lecture schedules and other details will be posted on Google Classroom. Please register for the classroom of the lecture you wish.**

**Note: The method of conducting may change; please refer to the information posted on Google Classroom.**

### Doctoral Degree Program (3-year course)

Registration	Subject	Credit	Date	Time	Method of conducting/Place	Faculty member(s) in charge	Language	Google Classroom	Notes	
In April	Innovation Seminar	Compulsory	1	April 18 (Fri)	14:00-17:00	In-person: Lecture Room 104&105, Life Sciences Project Research Bld.	Prof. Sato Shusei: Tohoku University Prof. Masuzawa Ryuta: RM London Partners Ltd.	JP	aw3hdzj	An alternative subject, "Innovation Seminars for International Students", is required.
				Held on an as-needed basis	Attended 8 seminars held as needed. More information will be available on Google Classroom.	FM Entrepreneur (provided by WISE Program (Doctoral Program for World-leading Innovative & Smart Education))	JP			
	Lecture on Entrepreneurs Support		2	December 18 (Thur)	9:00-18:00	Online (live)	Prof. Tomohiro Takei: General Corporation MAKOTO	JP	p7qsnal	
In April	Bio-industry Practical Subjects  - There are several ways to receive credits. - Attending the Doctoral Literacy Development Course		2	(Scheduled for October)		In-person: Lecture Room, Life Sciences Project Research Bld. and live streaming	Prof. Shibata Daisuke: Kazusa DNA Research Institute	JP	vwkaut3	
				Doctoral Literacy Development School website: <a href="https://pgd.tohoku.ac.jp/phdc/basicliteracy/">https://pgd.tohoku.ac.jp/phdc/basicliteracy/</a> Please check the Graduate School of Life Sciences website or contact the Academic Affairs Section of the Graduate School of Life Sciences for information on how to obtain credits.				JP		
Unnecessarily	Project experiment (B): Integrative Life Sciences / Ecological Developmental Adaptability Life Sciences / Molecular and Chemical Life Sciences	Compulsory	8	Laboratory seminars and dissertation preparation. Please follow your supervisor's instructions.				JP, ENG	No	