



OSAKA UNIVERSITY
School of Science
Graduate School of Science

**Course Schedule for
Graduate School of Science
【Special Integrated Science Course (SISC)】
【International Physics Course (IPC)】
(*Fall and Winter* 2019)**



OSAKA UNIVERSITY

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【Special Integrated Science Course (SISC)】	
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How to Read Course Schedule

1. The six characters in red on each page indicate schedule codes for each subject.

2. Please register online (KOAN) for subjects during the registration period as follows.

Registration period	Subjects	Cancellation period of registration	Subjects
September 17(Tue) ~October 11(Fri)	<ul style="list-style-type: none"> • Fall term • Winter term • Fall and Winter terms • Full-year courses offered from the fall term through to the summer term 	October 15(Tue) ~21(Mon)	<ul style="list-style-type: none"> • Fall term • Winter term • Fall and Winter terms • Full-year courses offered from the fall term through to the summer term
November 27(Wed) ~December 16(Mon)	<ul style="list-style-type: none"> • Winter term 	December 17(Tue) ~23(Mon)	<ul style="list-style-type: none"> • Winter term

“★” in the schedule shows a schedule code for Students Enrolled Fall.

3.※” in the schedule shows a common subject to Master course and Doctor course.

4. Schedule changes, cancellations, and schedules of intensive lectures will be announced on the notice board.

《 p 4 Intensive Course》

Although all Intensive Courses are common subjects to Master and Doctor courses, they are classified with the Doctor Course in online system. Please choose Doctoral Program from the course affiliation drop-down list and enter the course code when you register online.

《 p 6 Seminar for Master Course》

Please register online for seminars for Master course at Spring term and Fall term as the seminars are semiannual.

《 p 7 Seminar for Doctor Course》

Please register online for seminars for Doctor course at Fall term as the seminars are full-year courses offered from the fall term through to the summer term.

《Notes》

(Fall and Winter terms)

Fall term : October 1~December 9, 2019

Winter term : November 27, 2019~March 31, 2020

Fall and Winter terms

1.Lecture / Intensive Course

Day	Period	Special Integrated Science Course	International Physics Course
Mon	1		
	2		
	3		
	4	Basic Macromolecular Science A. Hashidzume, et al. 24S059 B307	
	5		Computational Physics 24P040 Y.Sentoku B214
Tue	1		
	2	③Physical Organic Chemistry 24S044 T. Ogawa D301	
	3	④Biomolecular Chemistry 24S047 M. Murata, S. Hanashima, Y. Umegawa D301	
	4		
	5		
Wed	1		
	2		
	3		③Electrodynamics ◆24P041 L. Baiotti D301
	4		
	5		
Thu	1		
	2		
	3		
	4		④Quantum Mechanics ◆24P042 L. Baiotti B307
	5		
Fri	1		
	2	③Analytical Chemistry for Interface 24S064 S.Tsukahara B301	
	3		Quantum Field Theory II 24P026 S.Yamaguchi B307
	4		
	5		
Intensive Course		Current Topics III (※) 24S016 「Lipid organization in biomembranes」 T.Kobayashi Notified on the board	
		Current Topics IV (※) 24S017 「From chemistry to biology」 Y.Ito Notified on the board	
		Current Topics V (※) 24S018 「Thermal properties of condensed molecular material」 Alexander I. Krivchikov Notified on the board	
		Current Topics XI (※) 24S065 「i-biomacromolecular science」 M.Okuda Notified on the board	
		Current Topics XVI (※) 24S070 「Duplication, maintenance, and transmission of genetic information in eukaryotes」 T.Takahashi Notified on the board	

■ Note 1. Class Time : The first period 8:50~10:20 The fourth period 14:40~16:10
 The second period 10:30~12:00 The fifth period 16:20~17:50
 The third period 13:00~14:30

③=Fall term ④=Winter term

◆These credits cannot be used to fulfil the requirements of graduation

Fall and Winter terms

2. Others

Special Integrated Science Course			
Program	Course	Teaching staff	Schedule Code
MC	Advanced Chemical Experiment (Fall to Summer)	Funahashi, Shimoyama	24S010 (★)
MC	Interactive Seminar (Fall to Summer)	Funahashi	24S024 (★)
MC	Basic Biology II (Fall and Winter)	Professors in Department of Biological Sciences	24S002
DC	Interactive Seminar for Advanced Research (Fall and Winter)	Funahashi	24S408

【Note】

★:For Students Enrolled Fall (Please register online for subjects at the registration period of Fall term.)

"Basic" courses are offered at your lab. Please ask your supervisor for more details.

Special Integrated Science Course					
Program	Course	Date	Room	Teaching staff	Schedule Code
MC	Biological Science I	1/24(F)10:30~17:50	IPR Lecture Hall	Fujiwara	24S032
MC	Biological Science III	11/20(W)13:00~14:30 11/22(F)13:00~14:30 11/27(W)13:00~14:30 11/29(F)13:00~14:30	B307	Takagi (Shingo) Islam Sakamoto	24S034
MC	Biological Science V	10/18(F)13:00~16:10 10/24(T)13:00~16:10	IPR 7F Seminar Room	Shinohara	24S036
MC	Biological Science VII	10/ 2(W)10:30~17:50	B307	Kakimoto Takada Qian P	24S038

Biological Sciences			
Program	Course	Teaching staff	Schedule Code
MC	Science Core II	Takagi(Shingo)	240954
MC	Science Core IV	Takagi(Shingo)	240973

Fall and Winter terms

3. Seminar for Master Course

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Kajihara	24S333
Semestral Seminar	Nakatani	24S337
Semestral Seminar	Sasai	24S361
Semestral Seminar	Kobayashi(Hikaru)	24S377
Semestral Seminar	Fukase	24S418
Semestral Seminar	Murata	24S827
Semestral Seminar	Mizutani	24S829

International Physics Course		
Course	Teaching staff	Schedule Code
Semestral Seminar I	Kuno	24P305
Semestral Seminar I	Kimura	24P309
Semestral Seminar I	Yamanaka	24P358
Semestral Seminar I	Oiwa	24P370
Semestral Seminar I	Koshino	24P374
Semestral Seminar III	Kuno	24P307
Semestral Seminar III	Aoi	24P356
Semestral Seminar III	Yamanaka	24P360

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Furukawa	24S383
Semestral Seminar	Fujiwara	24S384
Semestral Seminar	Nakagawa(Takurou)	24S401
Semestral Seminar	Shinohara(Akira)	24S412
Semestral Seminar	Takagi(Jun-ich)	24S424
Semestral Seminar	Takagi(Shingo)	24S426
Semestral Seminar	Shiga	24S427
Semestral Seminar	Kon	24S428
Semestral Seminar	Matsuno	24S437
Semestral Seminar	Hikita	24S438
Semestral Seminar	Kano	24S439
Semestral Seminar	Takao	24S820
Semestral Seminar	Nakai	24S839
Semestral Seminar	Fujimoto	24S841

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Inoue	24S823
Semestral Seminar	Takashima	24S825

Fall and Winter terms

4. Seminar for Doctor Course

■【Students Enrolled *Fall*】

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Summer)	Sasai	24S030
Seminar for Advanced Researches (Fall to Summer)	Takao	24S325
Seminar for Advanced Researches (Fall to Summer)	Okumura	24S327
Seminar for Advanced Researches (Fall to Summer)	Konno	24S328
Seminar for Advanced Researches (Fall to Summer)	Tsukahara	24S330
Seminar for Advanced Researches (Fall to Summer)	Murata	24S413
Seminar for Advanced Researches (Fall to Summer)	Fukase	24S414
Seminar for Advanced Researches (Fall to Summer)	Taniguchi	24S808
Seminar for Advanced Researches (Fall to Summer)	Funahashi	24S810
Seminar for Advanced Researches (Fall to Summer)	Nakazawa	24S832
Seminar for Advanced Researches (Fall to Summer)	Matsumoto	24S833
Seminar for Advanced Researches (Fall to Summer)	Kajihara	24S834

Physics

International Physics Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Summer)	Kuno	24P023
Seminar for Advanced Researches (Fall to Summer)	Tajima	24P318
Seminar for Advanced Researches (Fall to Summer)	Yoshida	24P340
Seminar for Advanced Researches (Fall to Summer)	Kimura	24P341
Seminar for Advanced Researches (Fall to Summer)	Ideguchi	24P345
Seminar for Advanced Researches (Fall to Summer)	Noumi	24P346
Seminar for Advanced Researches (Fall to Summer)	Hosaka	24P348
Seminar for Advanced Researches (Fall to Summer)	Toyoda	24P363
Seminar for Advanced Researches (Fall to Summer)	Nomachi	24P364
Seminar for Advanced Researches (Fall to Summer)	Fujioka	24P365
Seminar for Advanced Researches (Fall to Summer)	Kikuchi	24P369

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Summer)	Shinohara(Akira)	24S329
Seminar for Advanced Researches (Fall to Summer)	Kurisu	24S415
Seminar for Advanced Researches (Fall to Summer)	Hiraoka	24S419
Seminar for Advanced Researches (Fall to Summer)	Fujiwara	24S835
Seminar for Advanced Researches (Fall to Summer)	Furukawa	24S836
Seminar for Advanced Researches (Fall to Summer)	Matsuno	24S837

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Summer)	Hashidzume	24S385
Seminar for Advanced Researches (Fall to Summer)	Kurisu	24S388
Seminar for Advanced Researches (Fall to Summer)	Sato	24S416
Seminar for Advanced Researches (Fall to Summer)	Inoue	24S817