



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)】 (*Spring* to *Winter* 2023)



OSAKA UNIVERSITY

Contents

Contents	p 1
How to Read Course Schedule	p 2 • 3

Spring and Summer terms

1. Lecture / Intensive Course	p 4
【Special Integrated Science Course (SISC)】	
【International Physics Course (IPC)】	
2. Others	p 5
【Special Integrated Science Course (SISC)】	
3. Seminar for Master Course	p 6
【Special Integrated Science Course (SISC)】	
【International Physics Course (IPC)】	
4. Seminar for Doctor Course	p 7
【Special Integrated Science Course (SISC)】	
【International Physics Course (IPC)】	

Fall and Winter terms

5. Lecture / Intensive Course	p 8
【Special Integrated Science Course (SISC)】	
【International Physics Course (IPC)】	
6. Others	p 9
【Special Integrated Science Course (SISC)】	
7. Seminar for Master Course	p 10
【Special Integrated Science Course (SISC)】	
【International Physics Course (IPC)】	
8. Seminar for Doctor Course	p 11
【Special Integrated Science Course (SISC)】	
【International Physics Course (IPC)】	

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
April 6(Thu)14:00 ~21(Fri)16:30	<ul style="list-style-type: none"> • Spring term • Summer term • Spring and Summer terms • Full-year courses offered from the spring term through to the winter term 	April 24(Mon) 9:30 ~28(Fri)16:30	<ul style="list-style-type: none"> • Spring term • Summer term • Spring and Summer terms • Full-year courses offered from the spring term through to the winter term
June 6(Tue) 9:30 ~19(Mon) 16:30	<ul style="list-style-type: none"> • Summer term 	June 27(Tue) 9:30 ~July 3(Mon) 16:30	<ul style="list-style-type: none"> • Summer term
September 15(Fri)9:30 ~October 16(Mon)16:30	<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 17(Tue) 9:30 ~23(Mon)16:30	<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(Mon)9:30 ~December 8(Fri)16:30	<ul style="list-style-type: none"> • Winter term 	December 18(Mon)9:30 ~22(Fri)16:30	<ul style="list-style-type: none"> • Winter term

“☉” in the schedule shows a schedule code for Students Enrolled Spring.

“★” 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& p 8 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& p 10 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& p 11 Seminar for Doctor Course》

■ For students Enrolled Spring----- p 7

Please register online for seminars for Doctor course at Spring term as the seminars are full-year courses offered from the spring term through to the winter term.

■ For students Enrolled Fall----- p 11

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》

(Spring and Summer terms)

Spring term : April 1, 2023~June 12, 2023

Summer term : June 13, 2023~September 30, 2023

(Fall and Winter terms)

Fall term : October 1, 2023~December 3, 2023

Winter term : December 4, 2023~March 31, 2024

Spring and Summer terms

1.Lecture / Intensive Course

Day	Period	Special Integrated Science Course	International Physics Course
Mon	1		
	2		High Energy Astrophysics 24P047 Inoue F202
	3		Solid State Theory 24P038 Kuroki E310
	4	Advanced Macromolecular Science II 24S061 Takashima, et al. B301	
	5		
Tue	1	②Organic Biochemistry 24S083 Kajihara, Okamoto D307	
	2		
	3	Introductory Biology 24S057 Islam B208	
	4		
	5		
Wed	1		
	2		
	3		
	4		
	5		
Thu	1		
	2		Quantum Field Theory I 24P033 Nishioka B301
	3		
	4		
	5		
Fri	1		
	2		Optical Properties of Matter 24P029 Kimura, Kanematsu, Watanabe E211
	3		
	4	②Thermal and Entropic Science 24S087 Nakano D301	Nuclear Physics in the Universe 24P031 Ota B307
	5	①Bio/Chemoinformatics 24S076 Mizuguchi, Hashimoto, Nagao, Watanabe D301	
Intensive Course		Current Topics II (※) 24S015 「Physical Chemistry of Soft Matters」 JUSZYNSKA-GALAZKA E Notified on the board	Topical Seminar I (※) 24P019 「What's the matter with antimatter? -Science and technology of antimatter-」 Makoto Fujiwara Notified on the board
		Current Topics III (※) 24S016 「TBA」 TBA Notified on the board	
		Current Topics XI (※) 24S065 「A Personal Case Study of a Shift in Polymer Research: From Molecular Assemblies to Environmental Problem Solutions」 KARTHAUS, Olaf Notified on the board	
		Current Topics XVI (※) 24S070 「Behavioral Neuroscience」 Notified on the board	

■Note 1. Class Time : The first period 8:50~10:20 The fourth period 15:10~16:40
 The second period 10:30~12:00 The fifth period 16:50~18:20
 The third period 13:30~15:00
 ①=Spring term ②=Summer term

Spring and Summer terms

2. Others

Special Integrated Science Course			
Program	Course	Teaching staff	Schedule Code
MC	Advanced Chemical Experiment (Spring to Winter)	Funahashi, Shimoyama	24S807 (◎)
MC	Interactive Seminar (Spring to Winter)	Funahashi	24S805 (◎)
MC	Basic Biology I (Spring and Summer)	Professors in Department of Biological Sciences	24S001
DC	Interactive Seminar for Advanced Research (Spring and Summer)	Funahashi	24S407

【Note】

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

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

Special Integrated Science Course			
Program	Course	Teaching staff	Schedule Code
MC	Science Core I	Furuya	240971
MC	Science Core III	Furuya	240972

Program	Course	Date	Room	Teaching staff	Schedule Code
MC	Biological Science V	6/7(W)13:30~16:40 6/14(W)13:30~16:40	D407	Nakagawa	24S036

Special Integrated Science Course／International Physics Course			
Program	Course	Teaching staff	Schedule Code
MC	Radiation science in the environment	Aoi Takahashi Okada(Michio) Hosaka	24P044

Spring and Summer terms

3. Seminar for Master Course

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Kajihara	24S332
Semestral Seminar	Akai	24S354
Semestral Seminar	Matsumoto	24S356
Semestral Seminar	Fukase	24S417
Semestral Seminar	Suzuki(Takayoshi)	24S843
Semestral Seminar	Funahashi	24S856
Semestral Seminar	Nakazawa	24S869

Physics

International Physics Course		
Course	Teaching staff	Schedule Code
Semestral Seminar II	Oiwa	24P371
Semestral Seminar II	Hosokai	24P395
Semestral Seminar IV	Kimura	24P312
Semestral Seminar IV	Kanematsu	24P326
Semestral Seminar IV	Koshino	24P377
Semestral Seminar IV	Kanemura	24P389
Semestral Seminar IV	Ishii	24P393

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Hikida	24S360
Semestral Seminar	Mizuguchi	24S379
Semestral Seminar	Furukawa	24S383
Semestral Seminar	Nakagawa(Takuro)	24S400
Semestral Seminar	Kakimoto	24S402
Semestral Seminar	Shinohara	24S411
Semestral Seminar	Shiga	24S434
Semestral Seminar	Takao	24S819
Semestral Seminar	Nakai	24S838
Semestral Seminar	Hojo	24S871

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Inoue	24S822
Semestral Seminar	Takashima	24S824

Spring and Summer terms

4. Seminar for Doctor Course

■【Students Enrolled *Spring*】

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Spring to Winter)	Mizuguchi	24S406
Seminar for Advanced Researches (Spring to Winter)	Kajihara	24S814
Seminar for Advanced Researches (Spring to Winter)	Nakatani	24S816
Seminar for Advanced Researches (Spring to Winter)	Taniguchi	24S858
Seminar for Advanced Researches (Spring to Winter)	Fukase	24S861
Seminar for Advanced Researches (Spring to Winter)	Suzuki(Takayoshi)	24S868

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Spring to Winter)	Nakai	24S405
Seminar for Advanced Researches (Spring to Winter)	Kakimoto	24S804
Seminar for Advanced Researches (Spring to Winter)	Harada	24S809
Seminar for Advanced Researches (Spring to Winter)	Shinohara	24S811
Seminar for Advanced Researches (Spring to Winter)	Ishihara	24S859
Seminar for Advanced Researches (Spring to Winter)	Furukohri	24S862
Seminar for Advanced Researches (Spring to Winter)	Takao	24S863
Seminar for Advanced Researches (Spring to Winter)	Shiga	24S864

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Spring to Winter)	Terao	24S803
Seminar for Advanced Researches (Spring to Winter)	Takashima	24S860

Physics

International Physics Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Spring to Winter)	Kanemura	24P318
Seminar for Advanced Researches (Spring to Winter)	Sentoku	24P347
Seminar for Advanced Researches (Spring to Winter)	Fujioka	24P349
Seminar for Advanced Researches (Spring to Winter)	Aoki	24P362
Seminar for Advanced Researches (Spring to Winter)	Oiwa	24P366
Seminar for Advanced Researches (Spring to Winter)	Kimura	24P367
Seminar for Advanced Researches (Spring to Winter)	Ideguchi	24P368
Seminar for Advanced Researches (Spring to Winter)	Aoi	24P378
Seminar for Advanced Researches (Spring to Winter)	Hosokai	24P380
Seminar for Advanced Researches (Spring to Winter)	Kikuchi	24P381
Seminar for Advanced Researches (Spring to Winter)	Kanematsu	24P384
Seminar for Advanced Researches (Spring to Winter)	Matstuno(Joubu)	24P390

Fall and Winter terms

5. Lecture / Intensive Course

Day	Period	Special Integrated Science Course	International Physics Course
Mon	1		
	2		High Energy Physics Aoki 24P039 E304
	3		
	4	Basic Macromolecular Science Yamaguchi, et al. 24S059 B301	Theoretical Particle Physics Kanemura 24P045 E211
	5		Computational Physics Sentoku, Sano 24P040 B214
Tue	1		
	2	④Complex Molecular Chemistry Suzuki 24S080 D301	
	3	Topics in Inorganic Chemistry Funahashi, Ishikawa, Yoshimura 24S048 D307	
	4		
	5		
Wed	1		
	2		
	3		
	4		
	5		
Thu	1		
	2		
	3		③Electrodynamics and Quantum Baiotti 24P043 B302
	4		
	5		
Fri	1		
	2	③Analytical Chemistry for Interface Tsukahara 24S078 ONLINE	Quantum Field Theory II Onogi 24P026 D301
	3		
	4		
	5		
Intensive Course		Current Topics I (※) 「TBA」 24S014	Topical Seminar II (※) 「Non-equilibrium physics」 24P020
		TBA Notified on the board	HANAI Ryo Notified on the board

■Note 1. Class Time : The first period 8:50~10:20 The fourth period 15:10~16:40
The second period 10:30~12:00 The fifth period 16:50~18:20
The third period 13:30~15:00

③=Fall term ④=Winter term

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

Fall and Winter terms

6. 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	Teaching staff	Schedule Code
MC	Science Core II	Furuya	240954
MC	Science Core IV	Furuya	240973

Program	Course	Date	Room	Teaching staff	Schedule Code
MC	Biological Science I	12/15(F)13:30~16:40 12/22(F)13:30~16:40	IPR Lecture Hall	Shinohara Ito	24S032
MC	Biological Science III	1/19(F)13:30~16:40 1/26(F)13:30~16:40	IPR Lecture Hall	Furukohri	24S034
MC	Biological Science VII	11/15(W)13:30~16:40 11/22(W)13:30~16:40	D307	Li-Kun Phng	24S038
MC	Biological Science IX	11/17(F)13:30~16:40 11/24(F)13:30~16:40	IPR Lecture Hall	Mizuguchi Nagao Watanabe	24S050
MC	Biological Science XI	12/6(W)13:30~16:40 12/13(W)13:30~16:40	D307	Kawaguchi	24S052

Fall and Winter terms

7. Seminar for Master Course

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Kajihara	24S333
Semestral Seminar	Akai	24S355
Semestral Seminar	Matsumoto	24S357
Semestral Seminar	Suzuki(Takayoshi)	24S844
Semestral Seminar	Funahashi	24S857

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Mizuguchi	24S380
Semestral Seminar	Furukawa	24S384
Semestral Seminar	Nakagawa(Takuro)	24S401
Semestral Seminar	Shinohara	24S412
Semestral Seminar	Shiga	24S427
Semestral Seminar	Hikida	24S438
Semestral Seminar	Nakai	24S839
Semestral Seminar	Hojo	24S870

Macromolecular Science

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

Physics

International Physics Course		
Course	Teaching staff	Schedule Code
Semestral Seminar III	Oiwa	24P372
Semestral Seminar III	Kanemura	24P388
Semestral Seminar III	Hosokai	24P396

8. Seminar for Doctor Course**■【Students Enrolled *Fall*】****Chemistry**

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Summer)	Okumura	24S327
Seminar for Advanced Researches (Fall to Summer)	Kubo	24S370
Seminar for Advanced Researches (Fall to Summer)	Nakatani	24S386
Seminar for Advanced Researches (Fall to Summer)	Mizutani	24S404
Seminar for Advanced Researches (Fall to Summer)	Fukase	24S414
Seminar for Advanced Researches (Fall to Summer)	Funahashi	24S810
Seminar for Advanced Researches (Fall to Summer)	Suzuki(Takayoshi)	24S853
Seminar for Advanced Researches (Fall to Summer)	Matsumoto	24S833
Seminar for Advanced Researches (Fall to Summer)	Mizuguchi	24S867

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Summer)	Shinohara	24S329
Seminar for Advanced Researches (Fall to Summer)	Kurisu	24S415
Seminar for Advanced Researches (Fall to Summer)	Furukawa	24S836
Seminar for Advanced Researches (Fall to Summer)	Matsuno	24S837
Seminar for Advanced Researches (Fall to Summer)	Nakai	24S854
Seminar for Advanced Researches (Fall to Summer)	Hikida	24S855
Seminar for Advanced Researches (Fall to Summer)	Mizuguchi	24S872
Seminar for Advanced Researches (Fall to Summer)	Okada	24S873

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Summer)	Yamaguchi	24S387
Seminar for Advanced Researches (Fall to Summer)	Kurisu	24S388
Seminar for Advanced Researches (Fall to Summer)	Takashima	24S874

Physics

International Physics Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Summer)	Kimura	24P341
Seminar for Advanced Researches (Fall to Summer)	Hosaka	24P348
Seminar for Advanced Researches (Fall to Summer)	Tamii	24P364
Seminar for Advanced Researches (Fall to Summer)	Fujioka	24P365
Seminar for Advanced Researches (Fall to Summer)	Odahara	24P379
Seminar for Advanced Researches (Fall to Summer)	Koshino	24P383
Seminar for Advanced Researches (Fall to Summer)	Asakawa	24P385
Seminar for Advanced Researches (Fall to Summer)	Aoi	24P398
Seminar for Advanced Researches (Fall to Summer)	Onogi	24P399