



THE UNIVERSITY OF OSAKA
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 2026)**



The University of
Osaka

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How to Read Course Schedule

1. The six characters (e.g. 24P044) in red on each page indicate codes for each subject.
2. Please register online (KOAN) for subjects during the registration period as follows.

Registration period	Courses	Cancellation period of registration	Courses
Mon. April 6, 14:00 - Sun. April 19, 16:30	<ul style="list-style-type: none"> · Spring term courses · Summer term courses · Spring and Summer terms courses · Full-year courses offered from the Spring term through to the Winter term 	Wed. April 22, 9:30 - Tue. April 28, 16:30	<ul style="list-style-type: none"> · Spring term courses · Summer term courses · Spring and Summer terms courses · Full-year courses offered from the Spring term through to the Winter term
Thu. June 4, 9:30 - Thu. June 25, 16:30	<ul style="list-style-type: none"> · Summer term courses 	Fri. June 26, 9:30 - Fri. July 3, 16:30	<ul style="list-style-type: none"> · Summer term courses
Sun. Sep.13, 9:30 - Wed. Oct. 14, 16:30	<ul style="list-style-type: none"> · Fall term courses · Winter term courses · Fall and Winter terms courses · Full-year courses offered from the Fall term through to the Summer term 	Thu. Oct. 15, 9:30 - Wed. Oct. 21, 16:30	<ul style="list-style-type: none"> · Fall term courses · Winter term courses · Fall and Winter terms courses · Full-year courses offered from the Fall term through to the Summer term
Fri. Nov. 27, 9:30 - Wed. Dec. 16, 16:30	<ul style="list-style-type: none"> · Winter term courses 	Thu. Dec. 17, 9:30 - Wed. Dec. 23, 16:30	<ul style="list-style-type: none"> · Winter term courses

Meaning of the symbols used in the Course Schedule table

- “☉” means that the code is that for students who enroll in the course in the Spring term.
- “★” means that the code is that for students who enroll in the course in the Fall term.
- “✳” means that the course is a common course for Master’s and Ph. D. programs.

3. Schedule changes, cancellations, as well as the schedules of intensive lectures will be announced on the notice board.

«p4 & p8 Intensive Courses»

All Intensive Courses are common to the Master's and Ph. D. programs; however, they are classified to be Ph. D. courses in the online system. When registering online, choose Doctoral Program from the course affiliation drop-down list and enter the course code.

«p6 & p10 Seminars for the Master's Program»

Please register online for seminars for the Master's program in both the Spring term and the Fall term as the seminars are semiannual.

«p7 & p11 Seminars for the Ph. D. Program»

■ For students enrolling in the Spring term----- p 7

Please register online for seminars for the Ph. D. program in the Spring term as the seminars are full-year courses offered from the Spring term through to the Winter term.

■ For students enrolling in the Fall term----- p 11

Please register online for seminars for the Ph. D. program in the 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, 2026 – June 14, 2026

Summer term: June 15, 2026 - September 30, 2026

(Fall and Winter terms)

Fall term: October 1, 2026 – December 2, 2026

Winter term: December 3, 2026 – March 31, 2027

Spring and Summer terms

1.Lectures / Intensive Courses

Day	Period	Special Integrated Science Course	International Physics Course
Mon	1		
	2		
	3		
	4	Advanced Macromolecular Science II 24S061 Takashima, <i>et al.</i> B301	
	5		
Tue	1	①Natural Product Chemistry 24S082 Kabayama, <i>et al.</i> D307 ②Organic Biochemistry 24S083 Kajihara D307	
	2	②Radiation Chemical Biology 24S092 Kabayama D307	Introduction to Theoretical Nuclear Physics 24P032 Hvodo D407
	3	Introductory Biology 24S057 Islam B208 ③Structural Coordination Chemistry 24S096 Yoshinari, <i>et al.</i> B308	
	4		①Astrophysical Radiative Processes 24P053 Odaka F202
	5		
Wed	1		
	2		
	3		
	4		Theoretical Particle Physics I 24P048 Satoshi Yamaguchi B308
	5		
Thu	1		
	2		Quantum Field Theory I 24P033 Onogi E304
	3		
	4		
	5		
Fri	1		
	2		Synchrotron Radiation Spectroscopy 24P035 Shin-ichi Kimura, Takeshi Suzuki B308
	3		
	4	①Quantum Chemistry 24S085 Okumura, <i>et al.</i> D301 ②Thermal and Entropic Science 24S087 Nakano D301	Nuclear Physics in the Universe 24P031 Sun Young Ryu B307
	5	①Bio/Chemoinformatics 24S076 Mizuguchi, Hashimoto, Nagao, Natsume D301	
Intensive Course		Current Topics XVI (※) 「The Role of Non-Coding DNA in Maintaining Genome Stability」 24S070 WATASE Joji (George) 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	Code
Master	Advanced Chemical Experiment (Spring to Winter)	Funahashi, Maki	24S807 (◎)
Master	Interactive Seminar (Spring to Winter)	Funahashi	24S805 (◎)
Master	Basic Biology I (Spring and Summer)	Professors in Department of Biological Sciences	24S001
Ph. D.	Interactive Seminar for Advanced Research (Spring and Summer)	Funahashi	24S407

【Note】

◎:For students enrolling in the Spring term, please register online for subjects in the registration period of the Spring term.
 "Basic" courses are offered at your lab. Please ask your supervisor for more details.

Special Integrated Science Course			
Program	Course	Teaching staff	Code
Master	Science Core I	Furuya	24S088
Master	Science Core III	Furuya	24S090

Program	Course	Date	Room	Teaching staff	Code
Master	Biological ScienceVI	5/22(F)10:30~18:20	IPR Lecture Hall	Okada (Mariko)	24S037
Master	Biological Science VIII	6/12(F)10:30~18:20	IPR Lecture Hall	TIWARI SANDHYA PREMNATH	24S039

International Physics Course/Special Integrated Science Course			
Program	Course	Teaching staff	Code
Master	Radiation science in the environment	Ideguchi Okada Hosaka	24P044

Spring and Summer terms

3. Seminars for the Master's Program

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Code
Semestral Seminar	Kajihara	24S332
Semestral Seminar	Kaneda	24S356
Semestral Seminar	Ishikawa	24S394
Semestral Seminar	Kabayama	24S417
Semestral Seminar	Yoshinari	24S425
Semestral Seminar	Taniguchi	24S429
Semestral Seminar	Kasamatsu	24S826
Semestral Seminar	Mizutani	24S828
Semestral Seminar	Suzuki (Takayoshi)	24S843
Semestral Seminar	Funahashi	24S856
Semestral Seminar	Nakazawa	24S869
Semestral Seminar	Hojo	24S871

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Code
Semestral Seminar	Furuya	24S358
Semestral Seminar	Mizuguchi	24S379
Semestral Seminar	Nakagawa	24S400
Semestral Seminar	Shinohara	24S411
Semestral Seminar	Kabayama	24S436
Semestral Seminar	Furukawa	24S383
Semestral Seminar	Furuta	24S431
Semestral Seminar	Nakai	24S838
Semestral Seminar	Shiga	24S434

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Code
Semestral Seminar	Takashima	24S824
Semestral Seminar	Hashidzume	24S877
Semestral Seminar	Kurisu	24S882

Physics

International Physics Course		
Course	Teaching staff	Code
Semestral Seminar II	Fujioka	24P337
Semestral Seminar II	Nagamine	24P375
Semestral Seminar II	Nanjo	24P410
Semestral Seminar II	Noumi	24P414
Semestral Seminar IV	Shin-ichi Kimura	24P312
Semestral Seminar IV	Onogi	24P326
Semestral Seminar IV	Sentoku	24P334
Semestral Seminar IV	Fujioka	24P339
Semestral Seminar IV	Niimi	24P361
Semestral Seminar IV	Oiwa	24P373
Semestral Seminar IV	Kanemura	24P389
Semestral Seminar IV	Tamii	24P420

(Note)

Semestral Seminar II:

To be registered in April 2026 by IPC M1 students enrolled in October 2025 and April 2026

Semestral Seminar IV:

To be registered in April 2026 by IPC M2 students enrolled in October 2024 and April 2025

Spring and Summer terms

4. Seminars for the Ph. D. Program

■【Students Enrolling in the Spring Term】

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Code
Seminar for Advanced Researches (Spring to Winter)	Nakazawa	24S325
Seminar for Advanced Researches (Spring to Winter)	Kabayama	24S326
Seminar for Advanced Researches (Spring to Winter)	Toyoda	24S815
Seminar for Advanced Researches (Spring to Winter)	Funahashi	24S842
Seminar for Advanced Researches (Spring to Winter)	Taniguchi	24S858
Seminar for Advanced Researches (Spring to Winter)	Suzuki (Takayoshi)	24S868

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Code
Seminar for Advanced Researches (Spring to Winter)	Sandhya P. Tiwari	24S804
Seminar for Advanced Researches (Spring to Winter)	Suzuki(Madoka)	24S809
Seminar for Advanced Researches (Spring to Winter)	Shinohara	24S811
Seminar for Advanced Researches (Spring to Winter)	Furukawa	24S836
Seminar for Advanced Researches (Spring to Winter)	Shiga	24S864
Seminar for Advanced Researches (Spring to Winter)	Mizuguchi	24S866

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Code
Seminar for Advanced Researches (Spring to Winter)	Yamaguchi	24S385
Seminar for Advanced Researches (Spring to Winter)	Takashima	24S860

Physics

International Physics Course		
Course	Teaching staff	Code
Seminar for Advanced Researches (Spring to Winter)	Kanemura	24P318
Seminar for Advanced Researches (Spring to Winter)	Fujioka	24P349
Seminar for Advanced Researches (Spring to Winter)	Tamii	24P364
Seminar for Advanced Researches (Spring to Winter)	Oiwa	24P366
Seminar for Advanced Researches (Spring to Winter)	Toyoda	24P368
Seminar for Advanced Researches (Spring to Winter)	Matstuno	24P390
Seminar for Advanced Researches (Spring to Winter)	Takemori	24P421

(Note)

Seminar for Advanced Researches (Spring to Winter):

To be registered in April 2026 by IPC Ph.D. students enrolled in April

Fall and Winter terms

5. Lectures / Intensive Courses

Day	Period	Special Integrated Science Course	International Physics Course
Mon	1		
	2		
	3		
	4		
	5		
Tue	1		
	2	③Structural Organic Chemistry Kubo 24S086 D301	③Cosmology Nagamine 24P051 F202
	3	④Membrane Systems Biology Nishimura 24S094 D301	Condensed Matter Theory Slevin 24P037 E304
			③X-ray Astronomy Matsumoto 24P052 F202
	4		
Wed	1		
	2		
	3		
	4		Theory of Particles and Cosmology Kanemura 24P050 E211
	5		
Thu	1		
	2		Theoretical Particle Physics II Nishioka 24P049 D301
	3		③Electrodynamics and Quantum Mechanics Baiotti 24P043 B302
			③Introduction to Astrophysics Masuda, Kawamuro, Toyouchi 24P054 F202
	4		
Fri	1		
	2		Quantum Field Theory II Sato 24P026 D301
	3		
	4		
	5		
Intensive Course		Current Topics I (※) 「TBA」 24S014 Teera Chantarojsiri Notified on the board	Topical Seminar I (※) 「TBA」 24P019 Feng-Kun Guo Notified on the board
		Current Topics XI (※) 「iBiomacromolecules: A Personal Case Study of a Shift in Polymer Research: From Olaf KARTHAUS Notified on the board	Topical Seminar II (※) 「Advanced Topics in Semiconductor Quantum Transport」 24P020 Takeo Kato Notified on the board
		Current Topics I (※) 「TBA」 24S014 Teera Chantarojsiri Notified on the board	Topical Seminar III (※) 「TBA」 24P021 Hantao Ji 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	Code
Master	Advanced Chemical Experiment (Fall to Summer)	Funahashi, Maki	24S010 (★)
Master	Interactive Seminar (Fall to Summer)	Funahashi	24S024 (★)
Master	Basic Biology II (Fall and Winter)	Professors in Department of Biological Sciences	24S002
Ph. D.	Interactive Seminar for Advanced Research (Fall and Winter)	Funahashi	24S408

【Note】

★:For students enrolling in the Fall term, please register online for subjects in the registration period of the Fall term.

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

Special Integrated Science Course			
Program	Course	Teaching staff	Code
Master	Science Core II	Furuya	24S089
Master	Science Core IV	Furuya	24S091

Program	Course	Date	Room	Teaching staff	Code
Master	Biological Science II	10/2(F)10:30~18:30	IPR Lecture Hall	Iwanaga	24S033
Master	Biological Science IV	Online		Shiga	24S035

Fall and Winter terms

7. Seminars for the Master's Program

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Code
Semestral Seminar	Kajihara	24S333
Semestral Seminar	Kaneda	24S357
Semestral Seminar	Taniguchi	24S381
Semestral Seminar	Ishikawa	24S395
Semestral Seminar	Kabayama	24S418
Semestral Seminar	Yoshinari	24S421
Semestral Seminar	Kasamatsu	24S827
Semestral Seminar	Mizutani	24S829
Semestral Seminar	Suzuki (Takayoshi)	24S844
Semestral Seminar	Funahashi	24S857
Semestral Seminar	Nakazawa	24S865
Semestral Seminar	Hojo	24S870

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Code
Semestral Seminar	Furuya	24S359
Semestral Seminar	Mizuguchi	24S380
Semestral Seminar	Furukawa	24S384
Semestral Seminar	Nakagawa	24S401
Semestral Seminar	Shinohara	24S412
Semestral Seminar	Furuta	24S426
Semestral Seminar	Shiga	24S427
Semestral Seminar	Kabayama	24S437
Semestral Seminar	Nakai	24S839

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Code
Semestral Seminar	Takashima	24S825
Semestral Seminar	Kurusu	24S841
Semestral Seminar	Hashidzume	24S878

Physics

International Physics Course		
Course	Teaching staff	Code
Semestral Seminar I	Nagamine	24P374
Semestral Seminar III	Nanjo	24P411
Semestral Seminar III	Noumi	24P415
Semestral Seminar III	Tamii	24P419
Semestral Seminar III	Fujioka	24P338
Semestral Seminar III	Niimi	24P360
Semestral Seminar III	Kanemura	24P388

(Note)

Semestral Seminar I:

To be registered in October 2026 by IPC M1 students enrolled in April 2026

Semestral Seminar III:

To be registered in October 2026 by IPC M2 students enrolled in April 2025 and October 2025

Fall and Winter terms

8. Seminar for the Ph. D. Program

■【Students Enrolling in the Fall Term】

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Code
Seminar for Advanced Researches (Fall to Summer)	Akai	24S328
Seminar for Advanced Researches (Fall to Summer)	Kubo	24S370
Seminar for Advanced Researches (Fall to Summer)	Kaneda	24S413
Seminar for Advanced Researches (Fall to Summer)	Kabayama	24S414
Seminar for Advanced Researches (Fall to Summer)	Ishikawa	24S422
Seminar for Advanced Researches (Fall to Summer)	Nakazawa	24S832
Seminar for Advanced Researches (Fall to Summer)	Nakano	24S833
Seminar for Advanced Researches (Fall to Summer)	Kajihara	24S834
Seminar for Advanced Researches (Fall to Summer)	Suzuki (Takayoshi)	24S853
Seminar for Advanced Researches (Fall to Summer)	Saito	24S861
Seminar for Advanced Researches (Fall to Summer)	Yoshinari	24S880
Seminar for Advanced Researches (Fall to Summer)	Kasamatsu	24S885
Seminar for Advanced Researches (Fall to Summer)	Yamaguchi (Satoshi)	24S886
Seminar for Advanced Researches (Fall to Summer)	Nishimura	24S887

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Code
Seminar for Advanced Researches (Fall to Summer)	Shinohara	24S329
Seminar for Advanced Researches (Fall to Summer)	Furuya	24S835
Seminar for Advanced Researches (Fall to Summer)	Nakagawa	24S419
Seminar for Advanced Researches (Fall to Summer)	Hikida	24S855
Seminar for Advanced Researches (Fall to Summer)	Suzuki(Madoka)	24S863
Seminar for Advanced Researches (Fall to Summer)	Mizuguchi	24S872
Seminar for Advanced Researches (Fall to Summer)	Okada	24S873
Seminar for Advanced Researches (Fall to Summer)	Li-Kun Phng	24S875
Seminar for Advanced Researches (Fall to Summer)	Hojo	24S876
Seminar for Advanced Researches (Fall to Summer)	Ishihara	24S881
Seminar for Advanced Researches (Fall to Summer)	TIWARI SANDHYA PREMNATH	24S888

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Code
Seminar for Advanced Researches (Fall to Summer)	Takashima	24S874
Seminar for Advanced Researches (Fall to Summer)	Terao	24S884
Seminar for Advanced Researches (Fall to Summer)	Yamaguchi (Hirovasu)	24S387
Seminar for Advanced Researches (Fall to Summer)	Kurisu	24S388

Physics

International Physics Course		
Course	Teaching staff	Code
Seminar for Advanced Researches (Fall to Summer)	Otsuka	24P348
Seminar for Advanced Researches (Fall to Summer)	Fujioka	24P365
Seminar for Advanced Researches (Fall to Summer)	Ishii	24P384
Seminar for Advanced Researches (Fall to Summer)	Yoshida	24P398
Seminar for Advanced Researches (Fall to Summer)	Takada	24P399
Seminar for Advanced Researches (Fall to Summer)	Oiwa	24P403
Seminar for Advanced Researches (Fall to Summer)	Niimi	24P404
Seminar for Advanced Researches (Fall to Summer)	Yorita	24P422

(Note)

Seminar for Advanced Researches (Fall to Summer):

To be registered in October 2026 by IPC Ph.D. students enrolled in October