



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 2018*)



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 1(Sun) ~20(Fri)	<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 23(Mon) ~27(Fri)	<ul style="list-style-type: none"> • Spring term • Spring and Summer terms • Full-year courses offered from the spring term through to the winter term
June 11(Mon) ~15(Fri)	<ul style="list-style-type: none"> • Summer term 	June 25(Mon) ~29(Fri)	<ul style="list-style-type: none"> • Summer term
September 18(Tue) ~October 15(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 	October 16(Tue) ~22(Mon)	<ul style="list-style-type: none"> • Fall term • Fall and Winter terms • Full-year courses offered from the fall term through to the summer term
November 27(Tue) ~December 14(Fri)	<ul style="list-style-type: none"> • Winter term 	December 17(Mon) ~21(Fri)	<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 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 full-year courses offered from the fall term through to the summer term.

《Notes》

(Spring and Summer terms)

Spring term : April 9～June 10

Summer term : June 11～September 30

(Fall and Winter terms)

Fall term : October 1～December 7

Winter term : November 27～March 31

Spring and Summer terms

1. Lecture / Intensive Course

Day	Period	Special Integrated Science Course	International Physics Course
Mon	1		
	2	Topics in Inorganic Chemistry Y.Funahashi,N.Ishikawa,T.Yoshimura	24S048 D307 High Energy Physics M. Aoki 24P039 E201
	3		
	4		
	5		
Tue	1	①Natural Product Chemistry K.Fukase ②Organic Biochemistry Y.Kajihara	24S049 D301 24S043 D301
	2		
	3		Introduction to Theoretical Nuclear Physics A. Hosaka 24P032 E304
	4		
	5		
Wed	1	Introductory Biology Y. Tak	24S057 B307
	2		Quantum Many-body systems M. Koshino 24P028 E304
	3		
	4		
	5		
Thu	1		
	2		
	3		Quantum Field Theory I K. Hashimoto 24P033 E304
	4		
	5		
Fri	1		
	2		Synchrotron Radiation Spectroscopy S. Kimura 24P035 E203
	3		
	4		Nuclear Physics in the Universe T.Shima 24P031 B307
	5		
Intensive Course	Current Topics I (※) 「Carbohydrates:biofunction and chemical synthesis」 K.Fukase		24S014 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		
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	Date	Room	Teaching staff	Schedule Code
MC	Biological Science I	4/18(W)14:40~17:50 4/25(W)14:40~17:50	D407	Kimura (Kotaro)	24S032
Biological Sciences					
Program	Course	Teaching staff	Schedule Code		
MC	Science Core I	Takagi	240971		
MC	Science Core III	Takagi	240972		

Spring and Summer terms

3. Seminar for Master Course

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Sasai	24S331
Semestral Seminar	Okumura	24S334
Semestral Seminar	Nakatani	24S336
Semestral Seminar	Fujiwara	24S354
Semestral Seminar	Matsumoto	24S356
Semestral Seminar	Kobayashi(Hikaru)	24S381
Semestral Seminar	Kubo	24S382
Semestral Seminar	Konno	24S394
Semestral Seminar	Fukase	24S417
Semestral Seminar	Kajihara	24S425
Semestral Seminar	Tsukahara	24S429

International Physics Course		
Course	Teaching staff	Schedule Code
Semestral Seminar II	Kuno	24P306
Semestral Seminar II	Aoi	24P355
Semestral Seminar II	Nomachi	24P328
Semestral Seminar IV	Yoshida	24P018
Semestral Seminar IV	Kuno	24P308
Semestral Seminar IV	Ideguchi	24P322
Semestral Seminar IV	Kikuchi	24P353

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Furuya	24S358
Semestral Seminar	Hikita	24S360
Semestral Seminar	Okada(Masato)	24S379
Semestral Seminar	Nakagawa(Takurou)	24S400
Semestral Seminar	Kakimoto	24S402
Semestral Seminar	Shinohara(Akira)	24S411
Semestral Seminar	Fujimoto	24S421
Semestral Seminar	Furukawa	24S430
Semestral Seminar	Fujiwara	24S431
Semestral Seminar	Takagi(Jun-ich)	24S432
Semestral Seminar	Takagi(Shingo)	24S433
Semestral Seminar	Shiga	24S434
Semestral Seminar	Kon	24S435
Semestral Seminar	Matsuno	24S436

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)	Tsukahara	24S326
Seminar for Advanced Researches (Spring to Winter)	Matsumoto	24S801
Seminar for Advanced Researches (Spring to Winter)	Houjou	24S802
Seminar for Advanced Researches (Spring to Winter)	Ogawa(Takaji)	24S813
Seminar for Advanced Researches (Spring to Winter)	Kajihara	24S814
Seminar for Advanced Researches (Spring to Winter)	Nakatani	24S816

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)	Okada	24S809
Seminar for Advanced Researches (Spring to Winter)	Shinohara(Akira)	24S811
Seminar for Advanced Researches (Spring to Winter)	Matsuno	24S812
Seminar for Advanced Researches (Spring to Winter)	Nakagawa(Takuro)	24S818

Macromolecular Science

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

International Physics Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Spring to Winter)	Fukuda(Mitsuhiko)	24P335
Seminar for Advanced Researches (Spring to Winter)	Hosaka	24P342
Seminar for Advanced Researches (Spring to Winter)	Yoshida	24P362

Fall and Winter terms

5.Lecture / Intensive Course

Day	Period	Special Integrated Science Course	International Physics Course
Mon	1		
	2		
	3		
	4		
	5		
Tue	1		
	2	④Chemistry on Catalysis H.Sasai 24S042 D301	
	3		Condensed Matter Theory K. M. Slevin 24P037 E304
	4	③Structural Organic Chemistry T.Kubo 24S045 D301	
	5		
Wed	1		
	2		
	3		Electrodynamics L.. Baiotti ◆24P001 D301
	4		
	5		
Thu	1		
	2		
	3		
	4		Quantum Mechanics L. Baiotti ◆24P004 B307
	5		
Fri	1		
	2	③Analytical Chemistry for Interface S.Tsukahara 24S064 B301	
	3		Quantum Field Theory II S. Yamaguchi 24P026 B307
	4		
	5		
Intensive Course	Current Topics II (※) 「i-biomacromolecular science」 M.Okuda		Topical Seminar I (※) 「Terahertz spectroscopy of elementary excitations in solids」 R.Shimano
	Notified on the board		24P019
		Topical Seminar II (※) 「A journey from the hadronic world to quark-gluon plasma」 Su Hyoung Lee	
		Notified on the board 24P020	

■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

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	Date	Room	Teaching staff	Schedule Code
MC	Biological Science II	10/17(W)16:20~17:50 10/24(W)16:20~17:50 10/31(W)16:20~17:50 11/ 7(W)16:20~17:50	B307	Shiga	24S033
MC	Biological Science III	10/ 5(F)16:20~17:50 10/12(F)16:20~17:50 10/19(F)16:20~17:50 10/26(F)16:20~17:50	IPR Lecture Hall	Kurisu	24S034
MC	Biological Science IV	11/14(W)14:40~17:50 11/21(W)14:40~17:50	B307	Matsuno Yamakawa Inaki	24S035

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

Fall and Winter terms

7. Seminar for Master Course

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Konno	24S332
Semestral Seminar	Kajihara	24S333
Semestral Seminar	Okumura	24S335
Semestral Seminar	Nakatani	24S337
Semestral Seminar	Fujiwara	24S355
Semestral Seminar	Matsumoto	24S357
Semestral Seminar	Sasai	24S361
Semestral Seminar	Kobayashi(Hikaru)	24S377
Semestral Seminar	Kubo	24S378
Semestral Seminar	Fukase	24S418
Semestral Seminar	Tsukahara	24S423

International Physics Course		
Course	Teaching staff	Schedule Code
Semestral Seminar I	Kuno	24P305
Semestral Seminar I	Aoi	24P354
Semestral Seminar III	Yoshida	24P017
Semestral Seminar III	Kuno	24P307
Semestral Seminar III	Ideguchi	24P321
Semestral Seminar III	Nomachi	24P329
Semestral Seminar III	Kikuchi	24P352

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Furukawa	24S383
Semestral Seminar	Fujiwara	24S384
Semestral Seminar	Furuya	24S359
Semestral Seminar	Okada(Masato)	24S380
Semestral Seminar	Nakagawa(Takurou)	24S401
Semestral Seminar	Kakimoto	24S403
Semestral Seminar	Shinohara(Akira)	24S412
Semestral Seminar	Fujimoto	24S420
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

Fall and Winter terms

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)	Sasai	24S030
Seminar for Advanced Researches (Fall to Summer)	Takao	24S325
Seminar for Advanced Researches (Fall to Summer)	Tsukahara	24S330
Seminar for Advanced Researches (Fall to Summer)	Konno	24S370
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)	Ishikawa	24S422
Seminar for Advanced Researches (Fall to Summer)	Taniguchi	24S808
Seminar for Advanced Researches (Fall to Summer)	Funahashi	24S810

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)	Kakimoto	24S389
Seminar for Advanced Researches (Fall to Summer)	Kurisu	24S415
Seminar for Advanced Researches (Fall to Summer)	Hiraoka	24S419

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)	Yamaguchi	24S387
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

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)	Hashimoto	24P317
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