



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 2017*)



OSAKA UNIVERSITY

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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
April 1(Sat) ~21(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 24(Mon) ~28(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 12(Mon) ~16(Fri)	<ul style="list-style-type: none"> • Summer term 	June 26(Mon) ~30(Fri)	<ul style="list-style-type: none"> • Summer term
September 19(Tue) ~October 16(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 17(Tue) ~23(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 28(Tue) ~December 14(Thu)	<ul style="list-style-type: none"> • Winter term 	December 18(Mon) ~22(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 1~June 11

Summer term : June 12~September 30

(Fall and Winter terms)

Fall term : October 1~December 7

Winter term : November 28~March 31

Spring and Summer terms

1.Lecture / Intensive Course

Day	Period	Special Integrated Science Course	International Physics Course
Mon	1		
	2		High Energy Physics 24P039 M. Aoki E201
	3		
	4		
	5		
Tue	1		
	2	①Protein Chemistry 24S062 T.Takao D407 ②Genome Chemistry 24S063 K.Nakatani D407	
	3		Solid State Theory 24P038 K. Kuroki E211
	4		
	5		
Wed	1	Introductory Biology 24S057 Y. Tak B307	
	2		
	3		
	4		
	5		
Thu	1		
	2		Quantum Field Theory I 24P033 K. Hashimoto E211 Optical Properties of Matter 24P029 S.Tajima,S.Miyasaka E304
	3		
	4		
	5		
Fri	1		
	2		Synchrotron Radiation Spectroscopy 24P035 S. Kimura E203
	3		
	4	①Quantum Chemistry 24S046 M. Okumura B308 ②Structural Thermodynamics 24S058 M. Nakano B308	Nuclear Physics in the Universe 24P031 Y. Fujita B307
	5		
Intensive Course		Current Topics II (※) 24S015 「i-biomacromolecular science」 Françoise Winnik Notified on the board	Topical Seminar II (※) 24P020 「Introduction of First Principles Calculation」 Young-Woo Son 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.

Biological Sciences			
Program	Course	Teaching staff	Schedule Code
MC	Science Core I	Takagi	240971
MC	Science Core III	Takagi	240972

3. Seminar for Master Course

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Ogawa(Takuji)	24S031
Semestral Seminar	Okumura	24S334
Semestral Seminar	Nakatani	24S336
Semestral Seminar	Fujiwara	24S354
Semestral Seminar	Matsumoto	24S356
Semestral Seminar	Mizutani	24S394
Semestral Seminar	Fukase	24S417

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Furuya	24S358
Semestral Seminar	Okada(Masato)	24S379
Semestral Seminar	Nakagawa(Takurou)	24S400
Semestral Seminar	Kakimoto	24S402
Semestral Seminar	Shinohara(Akira)	24S411
Semestral Seminar	Henrich	24S421

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Sato	24S360

International Physics Course		
Course	Teaching staff	Schedule Code
Semestral Seminar II	Kishimoto	24P016
Semestral Seminar II	Kuno	24P306
Semestral Seminar II	Kimura	24P310
Semestral Seminar II	Ideguchi	24P320
Semestral Seminar IV	Kishimoto	24P018
Semestral Seminar IV	Hosaka	24P304
Semestral Seminar IV	Fukuda(Mitsuhiro)	24P316
Semestral Seminar IV	Tajima	24P347

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)	Ogawa(Takuji)	24S813
Seminar for Advanced Researches (Spring to Winter)	Kajihara	24S814
Seminar for Advanced Researches (Spring to Winter)	Murata	24S815
Seminar for Advanced Researches (Spring to Winter)	Nakatani	24S816

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

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
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

Fall and Winter terms

2.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		
Tue	1		
	2	③Physical Organic Chemistry T. Ogawa 24S044 D301	
	3		
	4		
	5	③Biomolecular Chemistry M. Murata, et al. 24S047 B307	
Wed	1		
	2		
	3		Electrodynamics ◆24P001 L. Baiotti D301
	4		
	5		
Thu	1		
	2		
	3		
	4		Quantum Mechanics ◆24P004 L. Baiotti B307
	5		
Fri	1		
	2		Computational Physics 24P040 Y.Sentoku E310
	3		Quantum Field Theory II 24P026 S. Yamaguchi B307
	4		
	5		
Intensive Course		Current Topics I (※) 24S014 「Lipid and Membrane Biochemistry」 Johan Peter Slotte Notified on the board	Topical Seminar I (※) 24P019 「Introductory Computational Physics」 Yoshi Uchida Notified on the board
		Current Topics III (※) 24S016 「3D imaging and plant cell topology」 Yoshinobu MINEYUKI 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

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 I	11/1(W)10:30~12:00 11/8(W)10:30~12:00 11/15(W)10:30~12:00 11/22(W)10:30~12:00	B307	Takagi Islam MS	24S032
MC	Biological Science II	10/6(F),10/13(F) 13:00~16:10	IPR Lecture Hall	Shinohara(Akira) Matsusaki	24S033
MC	Biological Science III	12/1(F),12/18(F) 13:00~16:10	IPR Lecture Hall	Fujiwara Matsuki	24S034
MC	Biological Science IV	10/20(F),10/27(F) 13:00~16:10	IPR Lecture Hall	Kinjo	24S035

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

7. Seminar for Master Course

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Ogawa(Takuji)	24S331
Semestral Seminar	Okumura	24S335
Semestral Seminar	Nakatani	24S337
Semestral Seminar	Fujiwara	24S355
Semestral Seminar	Matsumoto	24S357
Semestral Seminar	Mizutani	24S395
Semestral Seminar	Fukase	24S418

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
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	Henrich	24S420

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Sato	24S361

International Physics Course		
Course	Teaching staff	Schedule Code
Semestral Seminar I	Kuno	24P305
Semestral Seminar I	Ideguchi	24P319
Semestral Seminar III	Kishimoto	24P017
Semestral Seminar III	Hosaka	24P303
Semestral Seminar III	Kuno	24P307
Semestral Seminar III	Kimura	24P311
Semestral Seminar III	Fukuda(Mitsuhiro)	24P315
Semestral Seminar III	Tajima	24P350

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)	Tsukahara	24S330
Seminar for Advanced Researches (Fall to Summer)	Kajihara	24S413
Seminar for Advanced Researches (Fall to Summer)	Fukase	24S414
Seminar for Advanced Researches (Fall to Summer)	Ishikawa	24S422

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

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

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	24P018
Seminar for Advanced Researches (Fall to Summer)	Kishimoto	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)	Toyoda	24P363
Seminar for Advanced Researches (Fall to Summer)	Nomachi	24P364
Seminar for Advanced Researches (Fall to Summer)	Fujioka	24P365