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）】

（2016. *Fall*）

OSAKA UNIVERSITY

Contents

Fall Semester

How to Read Course Schedule

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

2. Please register online for (i) subjects of Fall Semester at the registration period of Fall Semester and (ii) subjects which run for one year (Fall to Spring) at the registration period of Fall Semester.
   "★" 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.

5. The registration period of each semester will be announced on the notice board.

《p3　Intensive Course》
Although all Intensive Course are common subject 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.

《p5　Seminar for Master Course》
Please register online for seminars for Master course at each semester as the seminars are semiannual.

《p6　Seminar for Doctor Course》
■For students Enrolled Fall
Please register online for seminars for Doctor course at Fall Semester as the seminars run for one year (Fall to Spring).
■For students Enrolled Spring
Please register online for seminars for Doctor course at Spring Semester as the seminars run for one year (Spring to Fall).

《Notes》
The Spring Semester is a period from April to September.
The Fall Semester is a period from October to March.

Fall Semester

1.Lecture / Intensive Course

Day	Period	Special Integrated Science Course		International Physics Course	
Mon	1				
	2			Quantum Many-Body Systems M. Koshino	24P028 E304
	3				
	4			High Energy Physics T. Yamanaka	24P039 E201
	5				
Tue	1				
	2	Chemistry on Catalysis H. Sasai	24S042 D301		
	3			Condensed Matter Theory K.M. Slevii	24P037 E304
	4	Structural 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	Analytical Separation Chemistry S. Tsukahara	24S041 B301		
	3			Quantum Field Theory II S. Yamaguchi	24P026 B307
	4				
	5				
Intensive Course		Current Topics Ⅰ (※) 「Lipid and Membrane Biochemistry」 Johan Peter Slotte　　　Notified on the board	24S014	Topical Seminar Ⅰ (※) 「Dirac physics at surfaces and ultrathin materials」 T.Hirahara　　　Notified on the board	24P019
		Current Topics ⅠⅤ (※) 「The architecture of the cell−quantitative analyses on the spatial organization of the cell−」 A.Kimura　　　Notified on the board	24S017		
		Current Topics Ⅴ (※) 「Chemical Thermodynamics −Introduction and Application −」 Woodfield Brian Fred　　　Notified on the board	24S018		

■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

　　　　　　　　　　　　　ILE＝Institute of Laser Engineering,　　IPR＝Institute for Protein Research
　　　　　　　　　　　　　◆These credits cannot be used to fulfil the requirements of graduation

Fall Semester

2．Others

	Special Integrated Science Course		
Program	Course	Teaching staff	Schedule Code
MC	Basic Biology II (Fall)	Each teacher	24S002
MC	Advanced Chemical Experiment (Fall to Spring)	Funahashi, Shimoyama	24S010　（★）
MC	Interactive Seminar (Fall to Spring)	Funahashi	24S024　（★）
DC	Interactive Seminar for Advanced Research (Fall)	Funahashi	24S408

【Note】
★:For Students Enrolled Fall　(Please register online for subjects at the registration period of Fall Semester.)
"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	11/16(W) 10:30~17:50	B307	Kitajima	24S032
MC	Biological Science Ⅱ	10/14(F),10/28(F) 13:00~16:10	IPR Seminar Room	Goto	24S033
MC	Biological Science Ⅲ	11/11(F),11/18(F) 13:00~16:10	B202	Takizawa	24S034
MC	Biological Science Ⅳ	10/5(W),10/12(W), 10/19(W),10/26(W) 13:00~14:30	B307	Kanazawa	24S035
MC	Biological Science Ⅴ	11/2(W),11/9(W) 13:00~16:10	B307	Matsuno Yamakawa Inaki	24S036
MC	Biological Science Ⅵ	10/7(F) 10:30~17:50	IPR Seminar Room	Nakagawa(Atsushi) Yamashita	24S037

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

3. Seminar for Master Course

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Semestral Seminar	Ogawa(Takuji)	24S331
Semestral Seminar	Kajihara	24S333
Semestral Seminar	Okumura	24S335
Semestral Seminar	Nakatani	24S337
Semestral Seminar	Fujiwara	24S355
Semestral Seminar	Mizutani	24S395
Semestral Seminar	Fukase	24S418

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
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	Kishimoto	24P015
Semestral Seminar Ⅰ	Kuno	24P305
Semestral Seminar Ⅰ	Kimura	24P309
Semestral Seminar Ⅰ	Fukuda(Mitsuhiro)	24P313
Semestral Seminar Ⅲ	Kishimoto	24P017
Semestral Seminar Ⅲ	Hosaka	24P303
Semestral Seminar Ⅲ	Tajima	24P350

4. Seminar for Doctor Course

■【Students Enrolled *Fall*】

Chemistry

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Spring)	Sasai	24S030
Seminar for Advanced Researches (Fall to Spring)	Murata	24S327
Seminar for Advanced Researches (Fall to Spring)	Tsukahara	24S330
Seminar for Advanced Researches (Fall to Spring)	Fujiwara	24S404
Seminar for Advanced Researches (Fall to Spring)	Kajihara	24S413
Seminar for Advanced Researches (Fall to Spring)	Fukase	24S414
Seminar for Advanced Researches (Fall to Spring)	Ishikawa	24S422

Biological Sciences

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Spring)	Shinohara(Akira)	24S329
Seminar for Advanced Researches (Fall to Spring)	Kakimoto	24S389
Seminar for Advanced Researches (Fall to Spring)	Kurisu	24S415

Macromolecular Science

Special Integrated Science Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Spring)	Hashidzume	24S385
Seminar for Advanced Researches (Fall to Spring)	Yamaguchi	24S387
Seminar for Advanced Researches (Fall to Spring)	Kurisu	24S388
Seminar for Advanced Researches (Fall to Spring)	Sato	24S416

Physics

International Physics Course		
Course	Teaching staff	Schedule Code
Seminar for Advanced Researches (Fall to Spring)	Kuno	24P023
Seminar for Advanced Researches (Fall to Spring)	Hashimoto	24P317
Seminar for Advanced Researches (Fall to Spring)	Tajima	24P318
Seminar for Advanced Researches (Fall to Spring)	Kishimoto	24P340
Seminar for Advanced Researches (Fall to Spring)	Kimura	24P341
Seminar for Advanced Researches (Fall to Spring)	Azechi	24P345
Seminar for Advanced Researches (Fall to Spring)	Nakano	24P346
Seminar for Advanced Researches (Fall to Spring)	Aoi	24P348
Seminar for Advanced Researches (Fall to Spring)	Toyoda	24P363
Seminar for Advanced Researches (Fall to Spring)	Noumachi	24P364
Seminar for Advanced Researches (Fall to Spring)	Fujioka	24P365