



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)】 (*Fall and Winter Terms 2018*)



OSAKA UNIVERSITY

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Fall and Winter Terms

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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 |
|---------------------------------------|---|-------------------------------------|---|
| September 18(Tue) ~October 15(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 | 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 in 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 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.

《 p 6 Seminar for Master Course》

Please register online for seminars for Master course at Fall term as the seminars are semiannual.

《p 7 Seminar for Doctor Course》

■ For students Enrolled in Fall

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 winter term.

《Notes》

(Fall and Winter terms)

Fall term : October 1～December 7

Winter term : November 27～March 31

Fall and Winter terms

1.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 24S015 Notified on the board | Topical Seminar I (※) 「Terahertz spectroscopy of elementary excitations in solids」 R.Shimano 24P019 Notified on the board |
| | | Current Topics VI (※) 「Current Topics in bioorganic chemistry: protein and peptide chemistry」 Bradley L.Pentelute 24S019 Notified on the board | Topical Seminar II (※) 「A journey from the hadronic world to quark-gluon plasma」 Su Houn Lee 24P020 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

2. 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 |

3. Seminar for Master Course

Chemistry

| Special Integrated Science Course | | |
|-----------------------------------|-------------------|---------------|
| Course | Teaching staff | Schedule Code |
| Semestral Seminar | Konno | 24S332 |
| Semestral Seminar | Kajihara | 24S333 |
| 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 | Mizutani | 24S395 |
| Semestral Seminar | Fukase | 24S418 |
| Semestral Seminar | Tsukahara | 24S423 |

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 | Takagi(Jun-ich) | 24S424 |
| Semestral Seminar | Takagi(Shingo) | 24S426 |
| Semestral Seminar | Shiga | 24S427 |
| Semestral Seminar | Matsuno | 24S437 |
| Semestral Seminar | Hikita | 24S438 |
| Semestral Seminar | Kano | 24S439 |

| International Physics Course | | |
|------------------------------|----------------|---------------|
| Course | Teaching staff | Schedule Code |
| Semestral Seminar I | Kuno | 24P305 |
| Semestral Seminar I | Aoi | 24P354 |
| Semestral Seminar I | Yamanaka | 24P358 |
| Semestral Seminar III | Kuno | 24P307 |
| Semestral Seminar III | Ideguchi | 24P321 |
| Semestral Seminar III | Nomachi | 24P329 |
| Semestral Seminar III | Kikuchi | 24P352 |

Fall and Winter terms

4. 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) | Okumura | 24S327 |
| 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) | 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) | 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 |