

# AY2026 Subject List

- Course registration should be completed via KOAN ( <https://koan.osaka-u.ac.jp/> ) in the spring for courses offered in the Spring-Summer semester and in the fall for courses offered in the Fall-Winter semester.
- Please refer to the separate schedule for the schedule of "Group A" courses & Special Lectures.  
Please refer to "Subjects / Schedule" at the following link: <https://www.fbs.osaka-u.ac.jp/en/student/curriculum/#5>
- For course contents and the most up-to-date schedule, please refer to the syllabus available on KOAN.

## Required Credits

**【D1-D2】** ※It is advisable to complete as many credits as possible during D1.

Category		D1	D2	Total	
Group A	ALA (Advanced Liberal Arts Educational Subjects)	1 credit ※Not required for those taking courses only in English.		16 credits	30 credits
Group A	AGL (Advanced Global Literacy Educational Subjects)	1 credit ※Those taking courses only in English need 2 credits.			
Group B	Seminar Subject	4 credits	4 credits		
Group B	Biomechanics	1 credit	1 credit		
Group B	Free Elective Courses ※1	2 credits			
Group A&B	Free Elective Courses ※2	2 credits			
Group C	Research Subject	7 credits	7 credits	14 credits	

※1 Group B Free Elective Courses...Earn a total of 2 credits from the following (a) and (b).

(a) Group B "Special Lectures" offered by FBS.

(b) "Advanced Liberal Arts Educational Subjects" and "Advanced Global Literacy Educational Subjects" offered by other graduate schools, etc.

\*Please refer to "Subjects / Schedule / Syllabus" at the following link:

<https://www.fbs.osaka-u.ac.jp/en/student/curriculum/#5>

※2 Group A&B Free Elective Courses...Earn a total of 2 credits from above (a), (b), and the following (c)-(e).

(c) Group A "Advanced Liberal Arts Educational Subjects" and "Advanced Global Literacy Educational Subjects" offered by FBS.

(d) Group A "Lecture" subjects and "Exercise" subjects offered by FBS.

(e) The following subjects offered by other schools, etc.

<General Education> Mechanics I / Mechanics II / Electromagnetism I / Electromagnetism II

<School of Science> Optical Physics / Animal Physiology A / Plant Physiology

<School of Engineering> Instrumentation and Control Engineering / Optical Electronics

<School of Engineering Science> Electronic Circuit / Bio-Cybernetics / Neurophysiology


## 【D3-D5】

Category		D3-D5	Total
Group D	Project Research Subject	2 credits	10 credits
Group E	Research Subject	8 credits	

Category	Semester	Subject Code	Course Name	Instructor	Language	Student Year	Credits	Required/Elective	Note	
A	ALA	Spring	328001	Introduction to Nanobiology I	ISHIJIMA Akihiko	Japanese	1, 2	0.5	<p>1 credit (2 courses) required.</p> <p>※Not required for international students taking only English-taught courses.</p> <p>•Lecture-style subject.</p> <p>•If you earn more than 1 credit, the extra credits can be counted as "Group A&amp;B Free Elective Courses."</p>	
A	ALA	Spring	328005	Introduction to Biomolecular Networks II	TAKASHIMA Seiji	Japanese	1, 2	0.5		
A	ALA	Spring	328007	Introduction to Biomolecular Networks IV	OKAMOTO Koji	Japanese	1, 2	0.5		
A	ALA	Spring	328009	Introduction to Biomolecular Networks VI	HIROSE Tetsuro	Japanese	1, 2	0.5		
A	ALA	Spring	328010	Introduction to Integrated Biology I	MORITA Ritsuko	Japanese	1, 2	0.5		
A	ALA	Spring	328013	Introduction to Integrated Biology IV	INOUE Daichi	Japanese	1, 2	0.5		
A	ALA	Spring	328017	Introduction to Organismal Biosystems III	SASAKI Hiroshi	Japanese	1, 2	0.5		
A	ALA	Spring	328019	Introduction to Neuroscience I	NISHIMOTO Shinji	Japanese	1, 2	0.5		
A	ALA	Spring	328020	Introduction to Neuroscience II	SUZUKI Ikuo	Japanese	1, 2	0.5		
A	ALA	Spring	328023	Introduction to Biophysical Dynamics I	KURAHASHI Takashi	Japanese	1, 2	0.5		
A	ALA	Spring	328025	Introduction to Biophysical Dynamics III	KIMURA Shin-ichi	Japanese	1, 2	0.5		
A	ALA	Spring	328027	Introduction to Biomedical Engineering II	HARA Eiji	Japanese	1, 2	0.5		
A	ALA	Spring	328029	Introduction to Biomedical Engineering IV	KURODA Syunichi	Japanese	1, 2	0.5		
A	AGL	Fall	329002	Introduction to Nanobiology II	UEDA Masahiro	English	1	0.5		<p>1 credit (2 courses) required.</p> <p>※International students taking only English-taught courses must earn 2 credits (4 courses).</p> <p>• Lecture-style subject.</p> <p>• If you earn more than 1 credit, the extra credits can be counted as "Group A&amp;B Free Elective Courses."</p> <p>※If international students take only English-taught courses, any extra credits beyond 2 credit can be counted as "Group A&amp;B Free Elective Courses."</p>
A	AGL	Fall	329004	Introduction to Biomolecular Networks I	MATSUMOTO Tomonori	English	1	0.5		
A	AGL	Fall	329006	Introduction to Biomolecular Networks III	FUKAGAWA Tatsuo	English	1	0.5		
A	AGL	Fall	329008	Introduction to Biomolecular Networks V	TACHIBANA Makoto	English	1	0.5		
A	AGL	Fall	329011	Introduction to Integrated Biology II	IKEDA Fumiyo	English	1	0.5		
A	AGL	Fall	329015	Introduction to Organismal Biosystems I	TSUMAKI Noriyuki	English	1	0.5		
A	AGL	Fall	329016	Introduction to Organismal Biosystems II	ISHII Masaru	English	1	0.5		
A	AGL	Fall	329018	Introduction to Organismal Biosystems IV	NAGASAWA Takashi	English	1	0.5		
A	AGL	Fall	329021	Introduction to Neuroscience III	SUZUKI Mototaka	English	1	0.5		
A	AGL	Fall	329022	Introduction to Neuroscience IV	KITAZAWA Shigeru	English	1	0.5		
A	AGL	Fall	329024	Introduction to Biophysical Dynamics II	INOUE Yasushi	English	1	0.5		
A	AGL	Fall	329026	Introduction to Biomedical Engineering I	TAKAKURA Nobuyuki	English	1	0.5		
A	AGL	Fall	329028	Introduction to Biomedical Engineering III	KATO Takayuki	English	1	0.5		
A	Lecture	Spring	320001	Introduction to Physics I	KIMURA Shin-ichi	Check syllabus	1, 2	2	Free Elective Courses	
A	Lecture	Spring	320523	Protein Structure and Chemistry	MIYANOIRI Yohei	Check syllabus	1, 2	1		•Earned credits can be counted as "Group A&B Free Elective Courses."
A	Exercise	Spring	320011	Exercise in Physics	NAKAMURA Takuto	Check syllabus	1, 2	1		•Earned credits can be counted as "Group A&B Free Elective Courses."
A	Exercise	Summer	320015	Exercise in Computer Science	ISHIJIMA Akihiko	Check syllabus	1, 2	1		•Earned credits can be counted as "Group A&B Free Elective Courses."
	B	Spring-Summer	320205	Special Lectures VI -Advanced Life Science Research Developing at BDR [RIKEN - Collaborative Graduate School Intensive Lecture Life Science Research Program 2026].-	OKADA Yasushi	Japanese / English	1, 2	1	Free Elective Courses	<p>•Lecture-style subject.</p> <p>•Earned credits can be counted as "Group B Free Elective Courses." or "Group A&amp;B Free Elective Courses."</p> <p>※Regarding the "Special Lectures VI", in addition to course registration through KOAN, advance application through a designated website is required. For further details, please refer to the syllabus.</p>
	B	Fall-Winter	320078	Special Lectures I -Methods of Human Brain Research-	YAMASHITA Okito	Japanese	1, 2	1		
	B	Fall-Winter	320079	Special Lectures II -Neural information processing of multiple sensory modalities-	KASHIOKA Hideki	Japanese	1, 2	1		
	B	Fall-Winter	320080	Special Lectures III -Invitation to Neurophysiology-	UCHIMURA Motoaki	Japanese	1, 2	1		
	B	Fall-Winter	320081	Special Lectures IV -Frontiers of Biomedical Sciences-	YAMAMOTO Masahiro	English	1, 2	1		
	B	Fall-Winter	320082	Special Lectures V -Pharmacology for Science and Engineering Students-	ITO Jumpei	Japanese	1, 2	1		
	B	Fall-Winter	320206	Special Lectures VII -Bioimage Analysis using ImageJ-	MIURA Kota	English	1, 2	1		
	B	Fall-Winter	320207	Special Lectures VIII -Multifaceted functions and dynamics of mitochondria: molecular mechanisms and diseases caused by their disruption.-	ISHIHARA Naotada	Japanese	1, 2	1		

Category	Semester	Subject Code (April entrants)	Subject Code (October entrants)	Course Name	Laboratory	Student Year	Credits	Required/Elective	Note
B	Full-year	No registration required	No registration required	Nanobiology IC	ISHIJIMA Akihiko	1	4	Required (4 credits)	<ul style="list-style-type: none"> <li>• Course registration will be handled by the Educational Affairs Section around May for April entrants (around November for October entrants).</li> <li>• Course content includes the following: <ul style="list-style-type: none"> <li>-Participation in journal clubs, research progress meetings, and seminars held within the home lab.</li> <li>-Attendance at various seminars inside and outside the university, with the submission of five reports to your supervisor.</li> </ul> </li> </ul>
B	Full-year			Nanobiology ID	UEDA Masahiro	1	4		
B	Full-year			Biomolecular Networks IA	TAKASHIMA Seiji	1	4		
B	Full-year			Biomolecular Networks IB	FUKAGAWA Tatsuo	1	4		
B	Full-year			Biomolecular Networks IC	OKAMOTO koji	1	4		
B	Full-year			Biomolecular Networks ID	MATSUMOTO Tomonori	1	4		
B	Full-year			Biomolecular Networks IE	TACHIBANA Makoto	1	4		
B	Full-year			Biomolecular Networks IF	HIROSE Tetsuro	1	4		
B	Full-year			Integrated Biology IA	INOUE Daichi	1	4		
B	Full-year			Integrated Biology IB	MORITA Ritsuko	1	4		
B	Full-year			Integrated Biology IC	IKEDA Fumiyo	1	4		
B	Full-year			Organismal Biosystems IA	ISHII Masaru	1	4		
B	Full-year			Organismal Biosystems IB	NAGASAWA Takashi	1	4		
B	Full-year			Organismal Biosystems IC	SASAKI Hiroshi	1	4		
B	Full-year			Organismal Biosystems ID	TSUMAKI Noriyuki	1	4		
B	Full-year			Neuroscience IA	NISHIMOTO Shinji	1	4		
B	Full-year			Neuroscience IC	SUZUKI Ikuo	1	4		
B	Full-year			Neuroscience ID	SUZUKI Mototaka	1	4		
B	Full-year			Neuroscience IF	KITAZAWA Shigeru	1	4		
B	Full-year			Biophysical Dynamics IA	KURAHASHI Takashi	1	4		
B	Full-year			Biophysical Dynamics IB	KIMURA Shin-ichi	1	4		
B	Full-year			Biophysical Dynamics ID	INOUE Yasushi	1	4		
B	Full-year			Biomedical Engineering IA	KATO Takayuki	1	4		
B	Full-year			Biomedical Engineering IB	TAKAKURA Nobuyuki	1	4		
B	Full-year			Biomedical Engineering IC	HARA Eiji	1	4		
B	Full-year	Biomedical Engineering IF	KURODA Syunichi	1	4				
B	Full-year	Biomedical Engineering IS	Supervisors of Adjunct Faculties' Labs and Cooperating Institutes	1	4				
B	Full-year	No registration required	No registration required	Biomechanics I	Each student's sub-supervisor	1	1	Required (1 credit)	<ul style="list-style-type: none"> <li>• Course registration will be handled by the Educational Affairs Section around August for April entrants (around February for October entrants).</li> <li>• The course consists of two meetings with the sub-supervisor, with the submission of the interview report.</li> </ul>
B	Full-year	No registration required	No registration required	Nanobiology IIC	ISHIJIMA Akihiko	2	4	Required (4 credits)	<ul style="list-style-type: none"> <li>• Course registration will be handled by the Educational Affairs Section around May for April entrants (around November for October entrants).</li> <li>• Course content includes the following: <ul style="list-style-type: none"> <li>-Participation in journal clubs, research progress meetings, and seminars held within the home lab.</li> <li>-Attendance at various seminars inside and outside the university, with the submission of five reports to your supervisor.</li> </ul> </li> </ul>
B	Full-year			Nanobiology IID	UEDA Masahiro	2	4		
B	Full-year			Biomolecular Networks IIA	TAKASHIMA Seiji	2	4		
B	Full-year			Biomolecular Networks IIB	FUKAGAWA Tatsuo	2	4		
B	Full-year			Biomolecular Networks IIC	OKAMOTO koji	2	4		
B	Full-year			Biomolecular Networks IID	MATSUMOTO Tomonori	2	4		
B	Full-year			Biomolecular Networks IIE	TACHIBANA Makoto	2	4		
B	Full-year			Biomolecular Networks IIF	HIROSE Tetsuro	2	4		
B	Full-year			Integrated Biology IIA	INOUE Daichi	2	4		
B	Full-year			Integrated Biology IIB	MORITA Ritsuko	2	4		
B	Full-year			Integrated Biology IIC	IKEDA Fumiyo	2	4		
B	Full-year			Organismal Biosystems IIA	ISHII Masaru	2	4		
B	Full-year			Organismal Biosystems IIB	NAGASAWA Takashi	2	4		
B	Full-year			Organismal Biosystems IIC	SASAKI Hiroshi	2	4		
B	Full-year			Organismal Biosystems IID	TSUMAKI Noriyuki	2	4		
B	Full-year			Neuroscience IIA	NISHIMOTO Shinji	2	4		
B	Full-year			Neuroscience IIC	SUZUKI Ikuo	2	4		
B	Full-year			Neuroscience IID	SUZUKI Mototaka	2	4		
B	Full-year			Neuroscience IIF	KITAZAWA Shigeru	2	4		
B	Full-year			Biophysical Dynamics IIA	KURAHASHI Takashi	2	4		
B	Full-year			Biophysical Dynamics IIB	KIMURA Shin-ichi	2	4		
B	Full-year			Biophysical Dynamics IID	INOUE Yasushi	2	4		
B	Full-year			Biomedical Engineering IIA	KATO Takayuki	2	4		
B	Full-year			Biomedical Engineering IIB	TAKAKURA Nobuyuki	2	4		
B	Full-year			Biomedical Engineering IIC	HARA Eiji	2	4		
B	Full-year	Biomedical Engineering IIF	KURODA Syunichi	2	4				
B	Full-year	Biomedical Engineering IIS	Supervisors of Adjunct Faculties' Labs and Cooperating Institutes	2	4				
B	Full-year	No registration required	No registration required	Biomechanics II	Each student's sub-supervisor	2	1	Required (1 credit)	<ul style="list-style-type: none"> <li>• Course registration will be handled by the Educational Affairs Section around May for April entrants (around November for October entrants).</li> <li>• The course consists of two meetings with the sub-supervisor, with the submission of the interview report.</li> </ul>

Category	Semester	Subject Code (April entrants)	Subject Code (October entrants)	Course Name	Laboratory	Student Year	Credits	Required/Elective	Note
C	Full-year	No registration required	No registration required	Seminar in Nanobiology IC	ISHIJIMA Akihiko	1	7	Required (7 credits)	<p>•Course registration will be handled by the Educational Affairs Section around May for April entrants (around November for October entrants).</p> <p>Course content includes the following:            -Conduct daily research activities in the home lab.            -Completion of the "Research Ethics" e-learning course is required. Details will be provided via email separately.</p>
C	Full-year			Seminar in Nanobiology ID	UEDA Masahiro	1	7		
C	Full-year			Seminar in Biomolecular Networks IA	TAKASHIMA Seiji	1	7		
C	Full-year			Seminar in Biomolecular Networks IB	FUKAGAWA Tatsuo	1	7		
C	Full-year			Seminar in Biomolecular Networks IC	OKAMOTO koji	1	7		
C	Full-year			Seminar in Biomolecular Networks ID	MATSUMOTO Tomonori	1	7		
C	Full-year			Seminar in Biomolecular Networks IE	TACHIBANA Makoto	1	7		
C	Full-year			Seminar in Biomolecular Networks IF	HIROSE Tetsuro	1	7		
C	Full-year			Seminar in Integrated Biology IA	INOUE Daichi	1	7		
C	Full-year			Seminar in Integrated Biology IB	MORITA Ritsuko	1	7		
C	Full-year			Seminar in Integrated Biology IC	IKEDA Fumiyo	1	7		
C	Full-year			Seminar in Organismal Biosystems IA	ISHII Masaru	1	7		
C	Full-year			Seminar in Organismal Biosystems IB	NAGASAWA Takashi	1	7		
C	Full-year			Seminar in Organismal Biosystems IC	SASAKI Hiroshi	1	7		
C	Full-year			Seminar in Organismal Biosystems ID	TSUMAKI Noriyuki	1	7		
C	Full-year			Seminar in Neuroscience IA	NISHIMOTO Shinji	1	7		
C	Full-year			Seminar in Neuroscience IC	SUZUKI Ikuo	1	7		
C	Full-year			Seminar in Neuroscience ID	SUZUKI Mototaka	1	7		
C	Full-year			Seminar in Neuroscience IF	KITAZAWA Shigeru	1	7		
C	Full-year			Seminar in Biophysical Dynamics IA	KURAHASHI Takashi	1	7		
C	Full-year			Seminar in Biophysical Dynamics IB	KIMURA Shin-ichi	1	7		
C	Full-year			Seminar in Biophysical Dynamics ID	INOUE Yasushi	1	7		
C	Full-year			Seminar in Biomedical Engineering IA	KATO Takayuki	1	7		
C	Full-year			Seminar in Biomedical Engineering IB	TAKAKURA Nobuyuki	1	7		
C	Full-year			Seminar in Biomedical Engineering IC	HARA Eiji	1	7		
C	Full-year			Seminar in Biomedical Engineering IF	KURODA Syunichi	1	7		
C	Full-year			Seminar in Biomedical Engineering IS	Supervisors of Adjunct Faculties' Labs and Cooperating Institutes	1	7		
C	Full-year			No registration required	No registration required	Seminar in Nanobiology IIC	ISHIJIMA Akihiko		
C	Full-year	Seminar in Nanobiology IID	UEDA Masahiro			2	7		
C	Full-year	Seminar in Biomolecular Networks IIA	TAKASHIMA Seiji			2	7		
C	Full-year	Seminar in Biomolecular Networks IIB	FUKAGAWA Tatsuo			2	7		
C	Full-year	Seminar in Biomolecular Networks IIC	OKAMOTO koji			2	7		
C	Full-year	Seminar in Biomolecular Networks IID	MATSUMOTO Tomonori			2	7		
C	Full-year	Seminar in Biomolecular Networks IIE	TACHIBANA Makoto			2	7		
C	Full-year	Seminar in Biomolecular Networks IIF	HIROSE Tetsuro			2	7		
C	Full-year	Seminar in Integrated Biology IIA	INOUE Daichi			2	7		
C	Full-year	Seminar in Integrated Biology IIB	MORITA Ritsuko			2	7		
C	Full-year	Seminar in Integrated Biology IIC	IKEDA Fumiyo			2	7		
C	Full-year	Seminar in Organismal Biosystems IIA	ISHII Masaru			2	7		
C	Full-year	Seminar in Organismal Biosystems IIB	NAGASAWA Takashi			2	7		
C	Full-year	Seminar in Organismal Biosystems IIC	SASAKI Hiroshi			2	7		
C	Full-year	Seminar in Organismal Biosystems IID	TSUMAKI Noriyuki			2	7		
C	Full-year	Seminar in Neuroscience IIA	NISHIMOTO Shinji			2	7		
C	Full-year	Seminar in Neuroscience IIC	SUZUKI Ikuo			2	7		
C	Full-year	Seminar in Neuroscience IID	SUZUKI Mototaka			2	7		
C	Full-year	Seminar in Neuroscience IIF	KITAZAWA Shigeru			2	7		
C	Full-year	Seminar in Biophysical Dynamics IIA	KURAHASHI Takashi			2	7		
C	Full-year	Seminar in Biophysical Dynamics IIB	KIMURA Shin-ichi			2	7		
C	Full-year	Seminar in Biophysical Dynamics IID	INOUE Yasushi			2	7		
C	Full-year	Seminar in Biomedical Engineering IIA	KATO Takayuki			2	7		
C	Full-year	Seminar in Biomedical Engineering IIB	TAKAKURA Nobuyuki			2	7		
C	Full-year	Seminar in Biomedical Engineering IIC	HARA Eiji			2	7		
C	Full-year	Seminar in Biomedical Engineering IIF	KURODA Syunichi			2	7		
C	Full-year	Seminar in Biomedical Engineering IIS	Supervisors of Adjunct Faculties' Labs and Cooperating Institutes			2	7		

Category	Semester	Subject Code (April entrants)	Subject Code (October entrants)	Course Name	Laboratory	Student Year	Credits	Required/Elective	Note			
D	Full-year	No registration required	No registration required	Project Research II	TACHIBANA Makoto	3-5	2	Required (2 credits)	<p>Conduct research outside the home lab. Consult with your supervisor to determine the research activities and coordinate with the host lab. The research activities should follow A, but B is also acceptable.</p> <p>A. Conduct research in another laboratory within FBS.  1) Participate in research (approximately 2 weeks in total)  2) Engage in research activities such as seminars, colloquia, and journal clubs (approximately once a week for a total of 8 weeks). It is preferable to have an opportunity to present during this period.</p> <p>B. Other  As long as the supervisor determines that the student is "participating in research in another lab," the activity can be recognized for credit. <b>Please have your supervisor decide whether the activity can be approved.</b>  Examples of approved activities:  3) Participation in practical courses or short-term intensive courses in Japan or abroad.  4) Attendance at lectures or journal clubs conducted by international faculty members.  5) Participation in research at other laboratories in Japan or abroad.  6) Participation in internships at companies.</p> <p>Register for courses as follows:  ① If you are planning to "conduct research in another lab within FBS", please obtain approval from the host lab and respond to the form below.  • Course registration will be handled by the Educational Affairs Section around May for April entrants (around November for October entrants).  ② Other  <b>Your supervisor is responsible for credit approval. Please respond to the form below.</b>  • Course registration will be handled by the Educational Affairs Section around May for April entrants (around November for October entrants).</p> <p>forms URL: <a href="https://forms.office.com/r/VbuU1cKU3u">https://forms.office.com/r/VbuU1cKU3u</a></p> 			
D	Full-year			Project Research III	ISHIJIMA Akihiko	3-5	2					
D	Full-year			Project Research IV	TAKASHIMA Seiji	3-5	2					
D	Full-year			Project Research V	FUKAGAWA Tatsuo	3-5	2					
D	Full-year			Project Research VII	HIROSE Tetsuro	3-5	2					
D	Full-year			Project Research VIII	INOUE Daichi	3-5	2					
D	Full-year			Project Research IX	MORITA Ritsuko	3-5	2					
D	Full-year			Project Research X	IKEDA Fumiyo	3-5	2					
D	Full-year			Project Research XII	ISHII Masaru	3-5	2					
D	Full-year			Project Research XIII	NAGASAWA Takashi	3-5	2					
D	Full-year			Project Research XIV	SASAKI Hiroshi	3-5	2					
D	Full-year			Project Research XV	TSUMAKI Noriyuki	3-5	2					
D	Full-year			Project Research XVI	NISHIMOTO Shinji	3-5	2					
D	Full-year			Project Research XVII	UEDA Masahiro	3-5	2					
D	Full-year			Project Research XVIII	SUZUKI Ikuo	3-5	2					
D	Full-year			Project Research XIX	SUZUKI Mototaka	3-5	2					
D	Full-year			Project Research XXI	KURAHASHI Takashi	3-5	2					
D	Full-year			Project Research XXII	KIMURA Shin-ichi	3-5	2					
D	Full-year			Project Research XXIII	KITAZAWA Shigeru	3-5	2					
D	Full-year			Project Research XXIV	INOUE Yasushi	3-5	2					
D	Full-year			Project Research XXV	KATO Takayuki	3-5	2					
D	Full-year			Project Research XXVI	TAKAKURA Nobuyuki	3-5	2					
D	Full-year			Project Research XXVII	HARA Eiji	3-5	2					
D	Full-year			Project Research XXX	KURODA Syunichi	3-5	2					
D	Full-year	Project Research XXXI	OKAMOTO koji	3-5	2							
D	Full-year	Project Research XXXII	MATSUMOTO Tomonori	3-5	2							
D	Full-year			Project Research S	Supervisors of Adjunct Faculties' Labs and Cooperating Institutes	3-5	2					
E	Full-year	No registration required	No registration required	Advanced Seminar in Nanobiology C	ISHIJIMA Akihiko	3-5	8	Required (8 credits)	<p>• Course registration will be handled by the Educational Affairs Section around May of the 5th year for April entrants (around November of the 5th year for October entrants).</p> <p>Course content includes the following:  -Conduct daily research activities in the home lab.  -Completion of the "Research Ethics" e-learning course is required. Details will be provided via email separately.</p>			
E	Full-year			Advanced Seminar in Nanobiology D	UEDA Masahiro	3-5	8					
E	Full-year			Advanced Seminar in Biomolecular Networks A	TAKASHIMA Seiji	3-5	8					
E	Full-year			Advanced Seminar in Biomolecular Networks B	FUKAGAWA Tatsuo	3-5	8					
E	Full-year			Advanced Seminar in Biomolecular Networks C	OKAMOTO koji	3-5	8					
E	Full-year			Advanced Seminar in Biomolecular Networks D	HIROSE Tetsuro	3-5	8					
E	Full-year			Advanced Seminar in Biomolecular Networks E	TACHIBANA Makoto	3-5	8					
E	Full-year			Advanced Seminar in Biomolecular Networks F	MATSUMOTO Tomonori	3-5	8					
E	Full-year			Advanced Seminar in Integrated Biology A	INOUE Daichi	3-5	8					
E	Full-year			Advanced Seminar in Integrated Biology B	MORITA Ritsuko	3-5	8					
E	Full-year			Advanced Seminar in Integrated Biology C	IKEDA Fumiyo	3-5	8					
E	Full-year			Advanced Seminar in Organismal Biosystems A	ISHII Masaru	3-5	8					
E	Full-year			Advanced Seminar in Organismal Biosystems B	NAGASAWA Takashi	3-5	8					
E	Full-year			Advanced Seminar in Organismal Biosystems C	SASAKI Hiroshi	3-5	8					
E	Full-year			Advanced Seminar in Organismal Biosystems D	TSUMAKI Noriyuki	3-5	8					
E	Full-year			Advanced Seminar in Neuroscience A	NISHIMOTO Shinji	3-5	8					
E	Full-year			Advanced Seminar in Neuroscience C	SUZUKI Ikuo	3-5	8					
E	Full-year			Advanced Seminar in Neuroscience D	SUZUKI Mototaka	3-5	8					
E	Full-year			Advanced Seminar in Neuroscience F	KITAZAWA Shigeru	3-5	8					
E	Full-year			Advanced Seminar in Biophysical Dynamics A	KURAHASHI Takashi	3-5	8					
E	Full-year			Advanced Seminar in Biophysical Dynamics B	KIMURA Shin-ichi	3-5	8					
E	Full-year			Advanced Seminar in Biophysical Dynamics D	INOUE Yasushi	3-5	8					
E	Full-year			Advanced Seminar in Biomedical Engineering A	KATO Takayuki	3-5	8					
E	Full-year			Advanced Seminar in Biomedical Engineering B	TAKAKURA Nobuyuki	3-5	8					
E	Full-year			Advanced Seminar in Biomedical Engineering C	HARA Eiji	3-5	8					
E	Full-year			Advanced Seminar in Biomedical Engineering F	KURODA Syunichi	3-5	8					
E	Full-year					Advanced Seminar in Biomedical Engineering S	Supervisors of Adjunct Faculties' Labs and Cooperating Institutes			3-5	8	