

Doctoral Program in Life Science Innovation

Required Common Subjects

Course Number	Course Name	Course Type	Credits	Standard Academic Year	Course Offering Term	Weekday and Period	Classroom	Instructor	Course Overview	Remarks
02RC001	Human Subjects Research: Basic (e-learning)	0	1.0	1	Annual	by request		真哉 高橋	This course is CITI JAPAN e-learning will be provided on line. Students will learn responsible conduct of research for human subjects.	Lectures are conducted in English. 主専攻必修科目。 eラーニング科目
02RC002	Doctor's Internship Spring	0	1.0	1 - 3	Spring Semester	by request		真哉 高橋	Students will experience employment and learn practical skills as a member of society in national or industrial research institutes, companies, ministries and agencies, and laboratories in this academic program.	Lectures are conducted in English.
02RC003	Doctor's life science innovation seminar	1	1.0	1	SprABC	by request		Colin Goding, Eric O'Neill, Hiroko Isoda, Panagis Filippakopoulos	Faculty from abroad associated with this program provide students with research topics in life sciences from basic to forefront. Students will acquire qualities of a researcher and the skills of presentation, discussion and communication by interacting with the lecturers.	Lectures are conducted in English. 主専攻必修科目。

Common Specialized Subjects

Course Number	Course Name	Course Type	Credits	Standard Academic Year	Course Offering Term	Weekday and Period	Classroom	Instructor	Course Overview	Remarks
02RC101	Life Science Innovation Doctor's Special Seminar I Fall	2	1.0	1	Fall Semester	by request		ライフイノベーション学位プログラム博士後期課程 研究指導教員	Students will participate journal club in their laboratories, perform scientific presentation and discussion about the journal topics. Student will also take the obtained results into their own research.	Lectures are conducted in English. 主専攻必修科目。
02RC102	Life Science Innovation Doctor's Special Seminar II Fall	2	1.0	2	Fall Semester	by request		ライフイノベーション学位プログラム博士後期課程 研究指導教員	Students will participate journal club in their laboratories, perform scientific presentation and discussion about the journal topics. Student will also take the obtained results into their own research.	Lectures are conducted in English. 主専攻必修科目。
02RC103	Life Science Innovation Doctor's Special Seminar III Fall	2	1.0	3	Fall Semester	by request		ライフイノベーション学位プログラム博士後期課程 研究指導教員	Students will participate journal club in their laboratories, perform scientific presentation and discussion about the journal topics. Student will also take the obtained results into their own research.	Lectures are conducted in English. 主専攻必修科目。
02RC104	Life Science Innovation Doctor's Special Research I Fall	8	2.0	1	Fall Semester	by request		ライフイノベーション学位プログラム博士後期課程 研究指導教員	Students will propose research projects and conduct research activities. Students will perform presentation about their research progress, deepen the discussion and correct the course of the research. Students will perform presentation at international academic meetings and publish articles in English as a first author and finally complete a doctor thesis.	Lectures are conducted in English. 主専攻必修科目。
02RC105	Life Science Innovation Doctor's Special Research II Fall	8	2.0	2	Fall Semester	by request		ライフイノベーション学位プログラム博士後期課程 研究指導教員	Students will propose research projects and conduct research activities. Students will perform presentation about their research progress, deepen the discussion and correct the course of the research. Students will perform presentation at international academic meetings and publish articles in English as a first author and finally complete a doctor thesis. Students will perform mid-term presentation.	Lectures are conducted in English. 主専攻必修科目。
02RC106	Life Science Innovation Doctor's Special Research III Fall	8	2.0	3	Fall Semester	by request		ライフイノベーション学位プログラム博士後期課程 研究指導教員	Students will propose research projects and conduct research activities. Students will perform presentation about their research progress, deepen the discussion and correct the course of the research. Students will perform presentation at international academic meetings and publish articles in English as a first author and finally complete a doctor thesis. In the final year, students will take preliminary review, submit doctor thesis and take final examination.	Lectures are conducted in English. 主専攻必修科目。

Course Number	Course Name	Course Type	Credits	Standard Academic Year	Course Offering Term	Weekday and Period	Classroom	Instructor	Course Overview	Remarks
02RC107	Doctor's Internship Abroad Spring	0	1.0	1 - 3	Spring Semester	by request		真哉 高橋	Students will perform research activity or internship in overseas laboratories or companies and will develop ability to act in a global manner. Faculty from abroad associated with this program provide students with research topics in life sciences from basic to forefront. Students will acquire qualities of a researcher and the skills of presentation, discussion and communication by interacting with the lecturers. The other companies, universities, research institutes outside of Japan can be approved for the internship locations.	Lectures are conducted in English.
02RC108	Life Science Innovation Doctor's Special Seminar I Spring	2	1.0	1	Spring Semester	by request		ライフイノベーション学位プログラム博士後期課程研究指導教員	Students will participate journal club in their laboratories, perform scientific presentation and discussion about the journal topics. Student will also take the obtained results into their own research.	Lectures are conducted in English. 主専攻必修科目。
02RC109	Life Science Innovation Doctor's Special Seminar II Spring	2	1.0	2	Spring Semester	by request		ライフイノベーション学位プログラム博士後期課程研究指導教員	Students will participate journal club in their laboratories, perform scientific presentation and discussion about the journal topics. Student will also take the obtained results into their own research.	Lectures are conducted in English. 主専攻必修科目。
02RC110	Life Science Innovation Doctor's Special Seminar III Spring	2	1.0	3	Spring Semester	by request		ライフイノベーション学位プログラム博士後期課程研究指導教員	Students will participate journal club in their laboratories, perform scientific presentation and discussion about the journal topics. Student will also take the obtained results into their own research.	Lectures are conducted in English. 主専攻必修科目。
02RC111	Life Science Innovation Doctor's Special Research I Spring	8	2.0	1	Spring Semester	by request		ライフイノベーション学位プログラム博士後期課程研究指導教員	Students will propose research projects and conduct research activities. Students will perform presentation about their research progress, deepen the discussion and correct the course of the research. Students will perform presentation at international academic meetings and finally complete a doctor thesis.	Lectures are conducted in English. 主専攻必修科目。
02RC112	Life Science Innovation Doctor's Special Research II Spring	8	2.0	2	Spring Semester	by request		ライフイノベーション学位プログラム博士後期課程研究指導教員	Students will propose research projects and conduct research activities. Students will perform presentation about their research progress, deepen the discussion and correct the course of the research. Students will perform presentation at international academic meetings and publish articles in English as a first author and finally complete a doctor thesis. Students will perform mid-term presentation.	Lectures are conducted in English. 主専攻必修科目。
02RC113	Life Science Innovation Doctor's Special Research III Spring	8	2.0	3	Spring Semester	by request		ライフイノベーション学位プログラム博士後期課程研究指導教員	Students will propose research projects and conduct research activities. Students will perform presentation about their research progress, deepen the discussion and correct the course of the research. Students will perform presentation at international academic meetings and publish articles in English as a first author and finally complete a doctor thesis. In the final year, students will take preliminary review, submit doctor thesis and take final examination.	Lectures are conducted in English. 主専攻必修科目。