

Special Master's Program (Fall-2025 Semester)

Fall semester

*For students enrolled before 2024

Solid Mechanics and Materials Engineering / Thermal and Fluid Engineering / Intelligent Machine Systems Program

AREA OF STUDY	LECTURE CODE	SUBJECT CODE	SUBJECT	CREDIT	INSTRUCTOR'S NAME	REQUIRED /ELECTIVE	YEAR	CLASS	DAYS	PERIOD	ROOM	TERM	COMMENTS
Design, Analysis and Processing of Engineering Materials	R21003002	ESSM11030	Solid Mechanics	2	Fujikawa, M.	Elective	1		Thu	1	2-303	Fall semester	Joint class with "Solid Mechanics", Mechanical Systems Engineering
Mechanical Engineering / Energy & Environment	R21006002	ESSM12030	Advanced Material Processing	2	Shibata, S.	Elective	1		Fri	2	2-337	Fall semester	Joint class with "Advanced Material Processing", Mechanical Systems Engineering
Thermal and Fluid Engineering	R21011002	ESTF11020	Advanced Transport Phenomena	2	Minakuchi, H.	Elective	1		Tue	1	2-234	Fall semester	Joint class with "Advanced Transport Phenomena", Mechanical Systems Engineering
Mechanical Engineering / Energy & Environment	R21022002	ESIM12010	Advanced Signal Processing in Mechanical Engineering	2	Oshiro, N.	Elective	1		Wed	2	RIGRB-601*	Fall semester	C Language Programming Skills Required.
Common Subject	R20001002	ESCM11010	Ethical and Social Implications of Engineering	2	Chairman of the board of education	Required	1					Fall semester	Courses will be offered on-demand. Check Syllabus for more details.
Common Subject	R20003012	ESCM14020	Master's Thesis in Engineering II	1.5	Supervisors	Required	1	1				Fall semester	
Common Subject	R20004012	ESCM14030	Master's Thesis in Engineering III	1.5	Supervisors	Required	1	1				Fall semester	
Common Subject	R20005012	ESCM14040	Master's Thesis in Engineering IV	1.5	Supervisors	Required	1	1				Fall semester	
Common Subject	R20007012	ESCM14060	Special Seminars in Engineering II	1.5	Supervisors	Required	1	1				Fall semester	
Common Subject	R20008012	ESCM14070	Special Seminars in Engineering III	1.5	Supervisors	Required	1	1				Fall semester	
Common Subject	R20009012	ESCM14080	Special Seminars in Engineering IV	1.5	Supervisors	Required	1	1				Fall semester	
Common Subject	R20011012	ESCM12010	Internship II	1	Miyata, R.	Elective	1	1				Intensive	
Common Subject	R20013012	ESCM12020	Internship IV	2	Miyata, R.	Elective	1	1				Intensive	

*RIGRB = Regional Innovation General Research Building (地域創生総合研究棟)