

# List of courses available for Exchange programs

This list designed exclusively for Exchange students in :

Major in Mathematical Science

\*Course lists here are based on the information of AY2020. We released them for prospective exchange students to reference. The lists are subject to change due to inevitable reasons without notice.

Important Note	Yes or No
1) Courses offered by other Exchange programs	No
2) Non-EBSE* program courses offered by any departments in FSE	No
*Non-EBSE means existing regular programs taught mostly in Japanese	
3) Courses offered by Schools outside of FSE (i.e., Schools belonging to Faculties other than FSE)	No
4) Courses offered by Global Education Center	Yes
5) Japanese language courses offered by the Center for Japanese Language	Yes

Offered by	Group		Course names	Allocated to	Course offerings at	Credit number	Course code	Course level	Course type
Faculty of Science and Engineering	A	Humanities, Social Sciences	Great Books of the West	1st year and above	fall semester	2	LITV0	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Great Books of the East	1st year and above	fall semester	2	LITV0	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Great Art of the West	1st year and above	fall quarter	2	ARTH3	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Great Art of the West	1st year and above	winter quarter	2	ARTH3	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Great Art of the East	1st year and above	winter quarter	2	ARTH2	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Topics in Art and Literature	2nd year and above	fall quarter	2	ARTV8	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Jurisprudence	1st year and above	fall semester	2	POLX0	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Introduction to Macroeconomics	1st year and above	winter quarter	2	ECNE0	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Introduction to Microeconomics	1st year and above	fall quarter	2	ECNE0	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Topics in Economics and Political Science	2nd year and above	fall semester	2	POLX0	2	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	History of Pre-Modern Japan	1st year and above	fall quarter	2	HISA2	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	History of Modern Japan	1st year and above	winter quarter	2	HISA3	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	History of Contemporary Japan	1st year and above	fall semester	2	HISA4	2	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	History of Western Civilization to the Renaissance	1st year and above	fall semester	2	HISE0	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Topics in History	2nd year and above	fall semester	2	PHLV0	2	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Introduction to Logic	1st year and above	fall semester	2	PHLL0	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	History of Science	1st year and above	fall semester	2	HISV8	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Philosophy of Science	1st year and above	fall semester	2	PHLV8	2	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Ethics	1st year and above	fall semester	2	PHLM0	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Modern and Contemporary Philosophy	1st year and above	fall semester	2	PHLW3	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Introduction to Religion	1st year and above	winter quarter	1	PHLRO	1	L
Faculty of Science and Engineering	A	Humanities, Social Sciences	Topics in Philosophy and Religion	2nd year and above	fall semester	2	PHLW8	2	L
Faculty of Science and Engineering	C	Common Courses	Strength of Materials A	2nd year and above	fall quarter	1	MECX4	2	L
Faculty of Science and Engineering	C	Common Courses	Strength of Materials B	2nd year and above	winter quarter	1	MECX4	2	L
Faculty of Science and Engineering	C	Common Courses	Thermodynamics A	2nd year and above	fall quarter	1	MECX7	2	L
Faculty of Science and Engineering	C	Common Courses	Thermodynamics B	2nd year and above	winter quarter	1	MECX7	2	L
Faculty of Science and Engineering	C	Common Courses	Information Design: Methods and Applications	2nd year and above	fall semester	2	INFY1	2	L
Faculty of Science and Engineering	C	Common Courses	Control Engineering A	3rd year and above	fall quarter	1	MECX2	3	L
Faculty of Science and Engineering	C	Common Courses	Control Engineering B	3rd year and above	winter quarter	1	MECX2	3	L
Faculty of Science and Engineering	C	Common Courses	Introduction to Aerospace Engineering	3rd year and above	fall quarter	1	IENI3	3	L
Faculty of Science and Engineering	C	Common Courses	Airplane Flight Mechanics	3rd year and above	winter quarter	1	IENI3	3	L
Faculty of Science and Engineering	C	Common Courses	Introduction to Electronics	3rd year and above	winter quarter	1	ELCX0	1	L
Faculty of Science and Engineering	C	Common Courses	Introduction to Photonics	3rd year and above	winter quarter	1	ELCX2	1	L
Faculty of Science and Engineering	C	Common Courses	Introduction to Materials Science	3rd year and above	winter quarter	1	PHYA3	1	L
Faculty of Science and Engineering	C	Common Courses	Acoustic Systems	3rd year and above	fall semester	2	PHYA3	3	L
Faculty of Science and Engineering	C	Specialized Courses	Survey of Modern Mathematical Sciences A	1st year and above	winter quarter	1	MATX0	1	L
Faculty of Science and Engineering	C	Specialized Courses	Foundations of Algebra A	2nd year and above	fall semester	2	MATX1	2	L
Faculty of Science and Engineering	C	Specialized Courses	Foundations of Algebra B	2nd year and above	fall semester	2	MATX1	2	L
Faculty of Science and Engineering	C	Specialized Courses	Foundations of Analysis 1	2nd year and above	fall semester	2	MATX3	2	L
Faculty of Science and Engineering	C	Specialized Courses	Foundations of Geometry	2nd year and above	fall semester	2	MATX2	2	L
Faculty of Science and Engineering	C	Specialized Courses	Exercises in Geometry	2nd year and above	fall semester	2	MATX2	2	L
Faculty of Science and Engineering	C	Specialized Courses	Foundations of Statistics B	3rd year and above	fall semester	2	MATX4	2	L
Faculty of Science and Engineering	C	Specialized Courses	Circuit Theory A	2nd year and above	fall quarter	1	ELCX0	2	L
Faculty of Science and Engineering	C	Specialized Courses	Electromagnetism A	2nd year and above	fall quarter	1	ELCX0	2	L
Faculty of Science and Engineering	C	Specialized Courses	Circuit Theory B	2nd year and above	winter quarter	1	ELCX0	2	L
Faculty of Science and Engineering	C	Specialized Courses	Electromagnetism B	2nd year and above	winter quarter	1	ELCX0	2	L
Faculty of Science and Engineering	C	Specialized Courses	Information Mathematics	3rd year and above	fall semester	2	INFD1	3	L
Faculty of Science and Engineering	C	Specialized Courses	Advanced Analysis	3rd year and above	fall semester	2	MATX3	3	L
Faculty of Science and Engineering	C	Specialized Courses	Advanced Topic in Modern Mathematical Sciences 1	3rd year and above	fall quarter	1	MATX0	3	L
Faculty of Science and Engineering	C	Specialized Courses	Statistical Mechanics	3rd year and above	fall quarter	1	PHYB3	3	L
Faculty of Science and Engineering	C	Specialized Courses	Advanced Topic in Modern Mathematical Sciences 2	3rd year and above	winter quarter	1	MATX0	3	L
Faculty of Science and Engineering	C	Specialized Courses	Mathematical Physics	4th year and above	fall semester	2	MATX5	3	L
Faculty of Science and Engineering	C	Specialized Courses	Algebra B2	4th year and above	fall semester	2	MATX1	4	L
Faculty of Science and Engineering	C	Specialized Courses	Geometry B2	4th year and above	fall semester	2	MATX2	4	L
Faculty of Science and Engineering	C	Specialized Courses	Scientific Simulation	4th year and above	fall semester	2	MATX0	3	L
Faculty of Science and Engineering	C	Specialized Courses	Advanced Topic in Modern Mathematical Sciences 4	4th year and above	fall quarter	2	MATX0	1	L
Faculty of Science and Engineering	C	Specialized Courses	Advanced Topic in Modern Mathematical Sciences 5	4th year and above	winter quarter	2	MATX0	1	L
Faculty of Science and Engineering	C	Specialized Courses	Foundations of Analysis 3	2nd year and above	fall semester	2	MATX3	2	L
Faculty of Science and Engineering	C	Specialized Courses	Applied Statistics	3rd year and above	fall semester	2	MATX4	3	L
Faculty of Science and Engineering	C	Specialized Courses	Time Series Analysis	3rd year and above	fall semester	2	MATX4	3	L
Faculty of Science and Engineering	C	Specialized Courses	Mathematical Statistics	3rd year and above	fall semester	2	MATX4	3	L
Faculty of Science and Engineering	C	Specialized Courses	Numerical Analysis and Simulation	3rd year and above	fall semester	2	MATX3	3	L