

Breadth courses

Tokyo Tech offers breadth courses to cultivate students' global awareness. Such courses in the 400- to 600-levels are open to graduate-level students in all Schools at Tokyo Tech. Overseas training activities, practical courses taught by foreign instructors, and courses based on group-work activities are among the breadth courses offered. Most of the courses are conducted in English.

For details, please refer to the syllabi.

Table 1: Master's Degree Program courses (400 and 500 levels)

Course category	Course number	Course title		Credits	Competencies	Comments
400 level	LAW.X401	★	Science Communication for Global Talents - Overseas Programme	1-1-0	2,3,4,5	Suspended in AY 2023
	LAW.X409	★	Advanced Technology in Emerging Fields 1	2-0-0		Suspended in AY 2023
	LAW.X410	★	Advanced Technology in Emerging Fields 2	1-0-0		Suspended in AY 2023
	LAW.X414	★	Technical Management for Sustainable Engineering	2-0-0	1,2,5	Suspended in AY 2023
	LAW.X415	★	HighTech Japan	1-0-0	1	
	LAW.X416	★	Modern Japan	1-1-0	2,3,4,5	
	LAW.X417	★	Sustainable Engineering Technology	1-1-0	2,3,4,5	Suspended in AY 2023
	LAW.X418	★	Study on Japanese Companies and Industries I	0-1-0	2,3,5	
	LAW.X419	★	Study on Japanese Companies and Industries II	0-1-0	2,3,5	
	LAW.X420	★	Japan Studies I	2-0-0	2,3,5	Suspended in AY 2023
	LAW.X421	★	Global Leadership Training	0-0-1	2,3,4,5	
	LAW.X422	★	Japan Studies II	2-0-0	2,5	Suspended in AY 2023
	LAW.X423	★	Technology and Product in Context	0-1-0	2,3,4	
	LAW.X424	★	Tokyo Tech Winter Program Research Exchange Project	0-0-2	1,3,4,5	Suspended in AY 2023
	LAW.X425	★	Global Leadership Practice	0-2-0	3,4,5	
	LAW.X426	★	Tokyo Tech Summer Program Research Exchange Project	0-0-2	1,2,3,4,5	Suspended in AY 2023
	LAW.X427	★	Our Sustainable Energy Future: Role of Business and Technology	0.5-0.5-0	2,3,4,5	
	LAW.X428	★	Resource Efficiency and Circular Economy	2-0-0	2,3,4	Suspended in AY 2023
	LAW.X429	★	Effective Teamwork in Global Companies	0-1-0	3,4,5	
	LAW.X430	★	Study abroad for Global Scientists and Engineers	0-0-1	3,4,5	

	LAW.X431	★	Advanced Co-learning Course for Global Scientists and Engineers 1	1-1-0	2,3,4	
	LAW.X432	★	Advanced Co-learning Course for Global Scientists and Engineers 2	1-1-0	2,3,4	
	LAW.X433	★	Multicultural Understanding Through Art and International Experience	0-1-0	2,3,4,5	
	LAW.X434	★	Idea, Writing and Communication	1-0-0	2,3,4,5	
	LAW.X440	★	Advanced Course of Traditional Technology and Intercultural Co-learning	1-0-1	2,3,4,5	
	LAW.X441	★	Tohoku Co-learning Camp (Leadership Course)	0-1-0	3,4,5	
	LAW.X442	★	Campus Asia Plus Spring Semester Program Research Exchange Project	0-0-2	1,3,4,5	
	LAW.X443	★	Campus Asia Plus Fall Semester & Fall-Winter Program Research Exchange Project	0-0-2	1,3,4,5	
500 level	LAW.X501	★	International Research Program 1A	0-0-1	2,3,4,5	
	LAW.X502	★	International Research Program 1B	0-0-1	2,3,4,5	
	LAW.X503	★	International Research Program 2A	0-0-2	2,3,4,5	
	LAW.X504	★	International Research Program 2B	0-0-2	2,3,4,5	
	LAW.X505	★	International Research Program 3A	0-0-4	2,3,4,5	
	LAW.X506	★	International Research Program 3B	0-0-4	2,3,4,5	
	LAW.X507	★	Advanced Overseas Training for Global Scientists and Engineers 1C	0-0-1	2,3,4,5	
	LAW.X508	★	Advanced Overseas Training for Global Scientists and Engineers 1D	0-0-1	2,3,4,5	
	LAW.X509	★	Advanced Overseas Training for Global Scientists and Engineers 2C	0-0-2	2,3,4,5	
	LAW.X510	★	Advanced Overseas Training for Global Scientists and Engineers 2D	0-0-2	2,3,4,5	
	LAW.X511	★	Advanced Overseas Training for Global Scientists and Engineers 3C	0-0-3	2,3,4,5	
	LAW.X512	★	Advanced Overseas Training for Global Scientists and Engineers 3D	0-0-3	2,3,4,5	
	LAW.X513	★	Advanced Overseas Training for Global Scientists and Engineers 4C	0-0-4	2,3,4,5	
	LAW.X514	★	Advanced Overseas Training for Global Scientists and Engineers 4D	0-0-4	2,3,4,5	
	LAW.X515	★	Advanced Domestic Training for Global Scientists and Engineers 1C	0-0-1	2,3,4,5	
	LAW.X516	★	Advanced Domestic Training for Global Scientists and Engineers 1D	0-0-1	2,3,4,5	
<p>Note :</p> <ul style="list-style-type: none"> ★ : offered in English in principle, O : odd academic years, E : even academic years Competencies: 1 = Specialist skills, 2 = Liberal arts skills, 3 = Communication skills, 4 = Applied skills (inquisitive thinking and/or problem-finding skills), 5 = Applied skills (practical and/or problem-solving skills) The character preceding the three digits in the course number denotes the course's subdiscipline (i.e., "D" represents the subdiscipline code in the course number ABC.D400.R): X (Global awareness and other breadth courses) 						

Table 2: Doctoral Degree Program courses (600 level)

Course category	Course number	Course title		Credits	Competencies	Comments
600 level	LAW.X601		★	International Research Program 1C	0-0-1	2,3,4,5
	LAW.X602		★	International Research Program 1D	0-0-1	2,3,4,5
	LAW.X603		★	International Research Program 2C	0-0-2	2,3,4,5
	LAW.X604		★	International Research Program 2D	0-0-2	2,3,4,5
	LAW.X605		★	International Research Program 3C	0-0-4	2,3,4,5
	LAW.X606		★	International Research Program 3D	0-0-4	2,3,4,5
Note : • ★ : offered in English in principle, O : odd academic years, E : even academic years • Competencies: 1 = Specialist skills, 2 = Liberal arts skills, 3 = Communication skills, 4 = Applied skills (inquisitive thinking and/or problem-finding skills), 5 = Applied skills (practical and/or problem-solving skills) • The character preceding the three digits in the course number denotes the course's subdiscipline (i.e., "D" represents the subdiscipline code in the course number ABC.D600.R): X (Global awareness and other breadth courses)						

Table 3: Breadth Courses recognized as equivalent to Career Development Courses (Master's Degree Program courses only)

In order to fulfill the completion requirements for the master's degree program, students must attain at least 2 credits in Career Development Courses, and should satisfy all of the Graduate Attributes (GA) specified in Table MA-1 of the "Career Development Courses" (Liberal Arts and Basic Science Courses) in the Guide to Graduate Education and International Graduate Program. Students will be evaluated in regards to GA achievements at the time of their degree completion. As to the courses with more than one GA, the number of GA stipulated for the courses is considered to be acquired regardless of the credits received for the courses.

Breadth Courses that enable students to acquire GA and that are recognized as equivalent to Career Development Courses are listed in the table below.

For Graduate Attributes, refer to the Guide to the Career Development Courses.
The Graduate Attributes of the Master's Degree Program are listed in Table MA-1 as follows:
C0M: You will be able to delineate your career plan clearly and recognize the skills necessary to materialize that plan, taking into account its relation to society
C1M: You will be able to understand academic integrity, utilize your own expertise for the development of academia and technology, and work with others with different expertise to contribute to problem-solving

Course category	Course number	Course title		Credits	GA*	Comments
Courses that can be counted as Career Development Courses	LAW.X414		★	Technical Management for Sustainable Engineering	2-0-0	GA0M
	LAW.X416		★	Modern Japan	1-1-0	GA0M GA1M
	LAW.X418		★	Study on Japanese Companies and Industries I	0-1-0	GA0M GA1M
	LAW.X419		★	Study on Japanese Companies and Industries II	0-1-0	GA0M GA1M
Credits in Career Development Courses must be attained from among the above-listed courses and those listed as such in the Liberal Arts and Basic Science Courses Guide. * GA: Graduate Attributes						

