

## **Breadth courses**

Aiming to foster individuals who can contribute to the betterment of society through science and technology, Tokyo Tech strongly encourages all students to study abroad or to gain other international experiences by the time they have completed their master's programs. Through international experiences, students are expected to develop global perspectives, appreciation for diversity, and the ability to communicate with people from various backgrounds.

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**

Course category	Course number	Course	Credits	Competencies	Comments
400 level	LAW.X401 .L	★ Science Communication for Global Talents - Overseas Programme	1-1-0	1,2,4,5	
	LAW.X402 .L	★ Introduction to EdTech: Online Courses	1-0-0	1,2,3,5	
	LAW.X403 .L	★ Introduction to EdTech: Video-Making	0-1-0	1,2,3,4,5	
	LAW.X406 .L	★ Fieldwork Skills Spring	0-1-0	1,2,4	
	LAW.X407 .L	★ Fieldwork Skills Fall	0-1-0	1,2,4	
	LAW.X408 .L	★ Think Aloud	0-2-0		Cancelled in 2016
	LAW.X409 .L	★ Advanced Technology in Emerging Fields 1	2-0-0		Cancelled in 2016
	LAW.X410 .L	★ Advanced Technology in Emerging Fields 2	1-0-0		Cancelled in 2016
	LAW.X411 .L	★ Study on Japanese Companies and Industries I	0-1-0	1,2,5	
	LAW.X412 .L	★ Study on Japanese Companies and Industries II	0-1-0	1,2,5	
	LAW.X414 .L	★ Technical Management for Sustainable Engineering	2-0-0	1,3,5	
	LAW.X415 .L	★ HighTech Japan	1-0-0	3	
	LAW.X416 .L	★ Modern Japan	1-0-0	1,2,4,5	
	LAW.X417 .L	★ Sustainable Engineering Technology	1-1-0	1,2,4,5	
	LAW.X418 .L	★ Communication Skills in Japanese Industries I	0-1-0	1,2	
	LAW.X419 .L	★ Communication Skills in Japanese Industries II	0-1-0	1,2	
	LAW.X491 .L	Fundamentals of Humanity A	2-0-0	2,4	

	LAW.X492 .L			Fundamentals of Humanity B	2-0-0	2,4	
	LAW.X493 .L			Fundamentals of Humanity C	2-0-0	2,4,5	
<b>500 level</b>	LAW.X501 .L		★	International Research Program 1A	0-0-1	1,2,5	
	LAW.X502 .L		★	International Research Program 1B	0-0-1	1,2,5	
	LAW.X503 .L		★	International Research Program 2A	0-0-2	1,2,5	
	LAW.X504 .L		★	International Research Program 2B	0-0-2	1,2,5	
	LAW.X505 .L		★	International Research Program 3A	0-0-4	1,2,5	
	LAW.X506 .L		★	International Research Program 3B	0-0-4	1,2,5	
<p>Note :</p> <ul style="list-style-type: none"> <li>★ : offered in English in principle, O : odd academic years, E : even academic years</li> <li>Competencies: 1 = Intercultural skills; 2 = Communication skills; 3 = Specialist skills; 4 = Critical thinking skills; 5 = Practical and/or problem-solving skills</li> <li>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)</li> </ul>							

**Table 2: Doctoral Degree Program courses**

Course category	Course number	Course			Credits	Competencies	Comments
<b>600 level</b>	LAW.X601 .L		★	International Research Program 1C	0-0-1	1,2,5	
	LAW.X602 .L		★	International Research Program 1D	0-0-1	1,2,5	
	LAW.X603 .L		★	International Research Program 2C	0-0-2	1,2,5	
	LAW.X604 .L		★	International Research Program 2D	0-0-2	1,2,5	
	LAW.X605 .L		★	International Research Program 3C	0-0-4	1,2,5	
	LAW.X606 .L		★	International Research Program 3D	0-0-4	1,2,5	
<p>Note :</p> <ul style="list-style-type: none"> <li>★ : offered in English in principle, O : odd academic years, E : even academic years</li> <li>Competencies: 1 = Intercultural skills; 2 = Communication skills; 3 = Specialist skills; 4 = Critical thinking skills; 5 = Practical and/or problem-solving skills</li> <li>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)</li> </ul>							

**Table 3: Breadth Courses that can be recognized as Career Development Courses (Master's Degree Program courses only)**

As a general rule, students who would like their Career Development Courses to contribute to completion requirements of their master's degree program need to satisfy all of the specified Graduate Attributes ("GA"), including the attainment of at least two course credits, listed in Table MA-1 of the "Guide to Graduate Education and International Graduate Program (Liberal Arts and Basic Science Courses) - Career Development Courses". The status of the GA will be evaluated at the time of degree completion.

In addition to Career Development Courses, there are Breadth Courses that can also be recognized as such — shown in the table below — which may go toward fulfilling the GA requirements.

Course category	Course number	Course		Credits	GA*	Comments
can be recognized as Career Development Courses	LAW.X414		★	Technical Management for Sustainable Engineering	2-0-0	C0M
	LAW.X418		★	Communication Skills in Japanese Industries I	0-1-0	C0M, C1M
	LAW.X419		★	Communication Skills in Japanese Industries I	0-1-0	C0M, C1M
<p>To satisfy the Career Development requirement, credits may be acquired from courses listed above as well as from those listed under Career Development Courses (see the Liberal Arts and Basic Science Courses Guide).</p> <p><b>*GA : Graduate Attribute</b></p>						