

## Science, Technology, and Innovation Governance (STIG) Education Program

The Science, Technology and Innovation Governance (STIG) education program was launched in April 2013 in the interdisciplinary or integrated interdepartmental education program established at the University of Tokyo from fiscal 2009. The STIG education program is aimed at fostering human resources who can transcend the conventional boundaries between the humanities and the sciences, boldly address new academic issues across fields, think flexibly, and lead science, technology and innovation policy.

### ◆Number of Credits Required for Completion

A total of at least 12 credits are required for completion: 2 credits of joint seminar (required), 2 credits of basic course (a) , 2 credits of basic course (b), and 6 credits of basic courses, applied courses, and field specific research courses.

	Course Type	Required Credits
Required classes	Joint seminar (Case Study (Science, Technology and Innovation Policy))	2
Required Electives	Basic Courses (a): Policy Process and Institutions	2
	Basic Courses (b): Evidence Development Methodologies	2
Electives	Basic Courses (a)(b), Applied Courses, Field-Specific Research Courses	6
	Total	12

\*Courses can be taken by graduate students (master's and doctorate students).

\*Students can also take individual classes without aiming at completion.

### ◆Registration Application

1. To register for this program, fill in the necessary items on the **Registration Form** below and submit it to the STIG Office.

\*Web application form (more recommended) is also available at STIG website (<http://stig.pp.u-tokyo.ac.jp/>)

2. Courses should be registered in accordance with the completion procedures and methods specified by the graduate school or other institution where you belong to, by due date stipulated by your graduate school.

### ◆Recognition of credits

Credits and grades assessment are conducted for each course. When students complete courses in another graduate school, the accreditation of credits is in accordance with the policies of the school to which the student is affiliated.

### ◆Completion Certification

A Certificate of Completion in the name of the chair of the University of Tokyo Education Steering Committee will be granted to students who have applied for registration, completed the required credits specified by this education program, and applied by the due date from UTAS, the interdepartmental education program WEB completion certificate, upon completion of graduate school.

Depending on the academic year, some courses may have not be included in STIG program. Surely check with syllabus before registration if the course to take is accredited in this program for the corresponding year.

### ◆Latest information

The latest information and detailed application procedures is updated on: <http://stig.pp-tokyo.ac.jp>

## Registration Form

Name			Student ID	
Graduate School		Major		
Date of admission	Year: _____ Month: _____ (Master's program/Professional Degree program/Doctoral program (Currently in the _____ year))			
E-mail	@		Phone Number	

Your personal information provided will be managed by the STIG office and used only for the purpose of this education program.

Submissions & Inquiries	Science, Technology, and Innovation Governance (STIG) Office International Academic Research Bldg.11F, Room 1119 <b>Email: <a href="mailto:STIG@pp.u-tokyo.ac.jp">STIG@pp.u-tokyo.ac.jp</a></b>
-------------------------	---

**FY2018: Course Listings**

\*Same course

	No	Language	Course Title	Course No.	Held by the Graduate School of:	Credits					
Required class (Joint seminar)	1*	Jp/En	Case Study (Science, Technology, and Innovation Policy)	5140600	Public Policy	2					
			Science, Technology, and Innovation Policy	3792-147	Engineering						
Required Electives	Basic courses (a)		Policy Process	5112150	Public Policy	2					
			Policy Studies (Special Study)	25-304-29	Law and Politics						
			Negotiation and Consensus Building	5130020-1	Public Policy						
			Science and Technology Policy and Industrial Policy	3792-102	Engineering						
			5*	English	Science, Technology, and Public Policy		5112131	Public Policy			
					Process of Environmental and Technology Policies		3792-146	Engineering			
	6	English	Policy Process and Negotiation	47190-41	Frontier Sciences						
	Basic courses (b)			7	Economics of Policy Evaluation	5112191	Public Policy	2			
				8	Economics of Innovation	5123125	Public Policy	2			
				9	English	Quantitative Methods for Management and Policy Analysis	5123275	Public Policy	2		
				10	English	Risk and Regulatory Policy	3792-142	Engineering	4		
				11	English	Economic Analysis of Innovation	5122410	Public Policy	2		
Policy Analysis						3792-145	Engineering	2			
12*		Policy Studies (Special Study)	5123400	Public Policy	2						
Electives	Applied courses		13	Case Study (Assessment and Management in Policy Process)	Not offered	Public Policy	2				
			14*	Case Study (Technology Assessment)	5140076	Public Policy	4				
				Technology and Social Science 2	3789-029	Engineering					
			15	Regulation Policy	Not offered	Public Policy	2				
			16	Intellectual Property Management	3792-120	Engineering	2				
			17	Public Communication of Science and Technology	4990040	Interdisciplinary Information Studies	2				
			18	Science and Technology Planning II	Not offered	Arts and Sciences	2				
			17	Science and Technology Planning II	Not offered	Arts and Sciences	2				
			19	English	Global Business Strategy and Policy	3792141	Engineering	2			
			20		Case Study (Scenario Planning: Practice and Theory)	5140485	Public Policy	2			
			21	English	Case Study (Business environment, stakeholders and issues; a learning experience in collaboration with Japanese industry)	5140486	Public Policy	2			
			22	English	International Intellectual Property Management	3792-131	Engineering	2			
			23	English	Advanced Study of Science & Technology	5130220	Public Policy	2			
			24	English	The Management and Governance of Innovation: Insights from the US	5122138	Public Policy	2			
			25		Case Study (Science, Technology, Politics and Administration II)	5140611	Public Policy	2			
			Field-specific research courses			26	Advanced Energy Technology Management and Policy	3792-143	Engineering	2	
						27	Jp/En	Space Development and Public Policy	5122384	Public Policy	2
								Study on regional transportation Policy	5123031	Public Policy	2
						29*		Case Study (Public Administration and Society in the Digital Age I (Transformation of Public Administration in the Digital Age))	5140162	Public Policy	2
	Case Study (Public Administration and Society in the Digital Age II (Contemporary Administrative Information Systems -issues and challenges))	4890-2005						Information Science and Technology			
	Case Study (Public Administration and Society in the Digital Age III (Open Governance under the Participatory Civil Society and Government as a Platfo	4890-2006						Information Science and Technology			
	30	English				Special Lecture in Global Health Policy I	5140164	Public Policy	2		
						Special Lecture in Global Health Policy II	4890-2007	Information Science and Technology			
	31					International Transportation Policy	41822111	Medicine	2		
	32					Special Lecture on Aeronautical Engineering, Politics, and Industry	41822112	Medicine	2		
	33	English				Overview of Energy Systems E	5123450	Public Policy	2		
	34	English				Advanced Lecture on Resilience and Engineering E	3734-105	Engineering	4		
	35	English				Case Study (Institutions and Methods of Health Technology Assessment in Healthcare Policy)	3789-034	Engineering	2		
	36					Policy for Healthcare Innovation	3799-136	Engineering	2		
	37	English				Case Study (Project Based Learning on the Medical, Environmental and IT Innovation and the Role of Public Policy)	5123272	Public Policy	2		
						Case Study (Project Based Learning on the Medical, Environmental and IT Innovation and the Role of Public Policy)	5140741	Public Policy			
	38*					Case Study (Artificial Intelligence and Society)	5140078	Public Policy	2		
						GCL Special Lectures on Information Science and Technology III	4890-1047	Information Science and Technology			
						Science Interpretation - Practicals III	31M300-0091S	Arts and Sciences			
			Advanced Cultural and human information studies XXII	4917520	Interdisciplinary Information Studies						

**Representative program plans**

It would be possible to complete the program requirements by taking courses offered in English.

	Course Type	School	Course title	Credit
Required	Joint seminar	Public Policy	Case Study (Science, Technology, and Innovation Policy)	2
Required Electives	Basic courses (a)	Public Policy	Science, Technology, and Public Policy	2
	Basic courses (b)	Public Policy	Economic Analysis of Innovation	2
	Applied courses	Engineering	Global Business Strategy and Policy	2
Electives	Field-specific research courses	Medicine	Special Lecture in Global Health Policy I	2
	Field-specific research courses	Medicine	Special Lecture in Global Health Policy II	2

	Course Type	School	Course title	Credit
Required	Joint seminar	Engineering	Science, Technology, and Innovation Policy	2
Required Electives	Basic course (a)	Engineering	Science, Technology and Public Policy	2
	Basic course (b)	Engineering	Quantitative Methods for Management and Policy Analysis	4
Electives	Applied courses	Engineering	Global Business Strategy and Policy	2
	Field-specific research courses	Public Policy	Case Study (Project Based Learning on the Medical, Environmental and IT Innovation and the Role of Public	2