

**Academic Year 2019-2022**
**(7) Science, Technology and Innovation Policy (Doctoral Program)**

Category	Course No.	Course Name	Instructor	Term	Credit	Requirement
I Required Courses	STI8011E	Research Seminar I	IIZUKA Michiko, HAYASHI Takayuki	Fall through Winter/Spring through Summer	1	4
	STI8021E	Research Seminar II	SUZUKI Jun	Fall through Winter/Spring through Summer	1	
	STI8031E	Research Seminar III	SUZUKI Jun	Fall through Winter/Spring through Summer	1	
	STI8041E	Research Seminar IV	SUZUKI Jun	Fall through Winter/Spring through Summer	1	
II Recommended Courses	STI6001E	Economics of Innovation	INTARAKUMNERD Patarapong, SUZUKI Jun	Fall	2	4
	STI6011E	Analysis of Science and Technology Policy Process	SUNAMI Atsushi	Spring	2	
	STI7180E	Advanced Energy Policy	NEI Hisanori, TOYODA Masakazu	Spring (Session II)	2	
	STI7231E	Energy Data Analysis	NEI Hisanori, SUEHIRO Shigeru	Fall (Session II)	2	
III Elective Courses	DMP8850E	International Policies on Water and Disasters	HIROKI Kenzo	Fall	2	20
	ECO7721E	Introduction to Applied Econometrics (Advanced)	CHEN Stacey	Fall	2	
	ECO7871E	Strategy for Economic Development (Advanced)	YAMAUCHI Chikako	Spring	2	
	ECO7881E	Trade and Industrial Development	SONOBE Tetsushi	Spring	2	
	MOR7011E	Quantitative Data Analysis	MOROHOSI Hozumi, TSUCHIYA Takashi, OYAMA Tatsuo	Fall	2	
	STI7031E	Bibliometrics and Applications	HAYASHI Takayuki	Spring	2	
	STI7041E	Management of Innovation	SUZUKI Jun	Spring (Session I)	2	
	STI7061E	Policy for Higher Education and University-Industry Cooperation	SUMIKURA Koichi	Fall	2	
	STI7071J	科学技術外交論	HIROKI Kenzo, IIZUKA Michiko, SUNAMI Atsushi	Fall	2	
	STI7081E	Comparative Analysis of Science, Technology and Innovation Policy: Asian Experiences	INTARAKUMNERD Patarapong	Fall	2	
	STI7151E	Comparative Paths of Science, Technology and Innovation Policy	UEYAMA Takahiro	Fall (Session I)	2	
	STI7161E	Outline of Energy Policy	NEI Hisanori	Fall(Session I)	2	
	STI7171E	Energy and Environmental Science&Technology	NEI Hisanori, SHIBATA Yoshiaki	Spring	2	
	STI7191E	Roles of Intellectual Property Rights in Globalized World	SUMIKURA Koichi, ELSABRY ElHassan, ESCOFFIER Luca	Spring	2	
	STI7201E	Science, Technology and Entrepreneurship	SUMIKURA Koichi, MAKI Kanetaka	Spring	2	
	STI7211E	Science, Technology and Innovation Policy in Developing Country Context	IIZUKA Michiko	Fall	2	
	STI7221J	科学技術イノベーション政策と評価 (Evaluation of Science, Technology and Innovation Policy)	HAYASHI Takayuki	Fall	2	
	STI7241E	History of Japanese Science, Technology and Innovation Policy	ARIMOTO Tateo	Fall	2	
	STI8051E	Energy Security	NEI Hisanori, KUTANI Ichiro	Spring	2	
	STI8061E	Energy Policy in Japan	NEI Hisanori	Spring	2	
		Courses not listed in this table (with Program director's approval)				12
X Others		* Courses offered by the Center for Professional Communication				

**Notes:**
**1. Course Requirements**

Students must fulfill the requirements shown below and pass an oral dissertation defense.

- a) Category I: 4 credits
- b) Category II: at least 4 credits
- c) Category III: at least 12 credits

Students are expected to take QE after earning at least 1 credit from Category I, 4 credits from Category II and 12 credits from Category III.

2. If a student takes the same course in both English and Japanese, only one course will count toward the degree.

3. \* Credits earned in these courses cannot count toward the degree.

4. Courses offered in the Program are subject to change.