

(4) Science, Technology and Innovation Policy

Category	Course No.	Course Name	Instructor	Term	Credit	Requirement
I Required Courses	ST18011E	Research Seminar I	Various	Fall through Winter/Spring through Summer	1	4
	ST18021E	Research Seminar II	Various	Fall through Winter/Spring through Summer	1	
	ST18031E	Research Seminar III	Various	Fall through Winter/Spring through Summer	1	
	ST18041E	Research Seminar IV	Various	Fall through Winter/Spring through Summer	1	
II Recommended Courses	ECO7721EA	Introduction to Applied Econometrics (Advanced)	WIE Dainn	Fall	2	6
	ECO7881E	Trade and Industrial Development	SONOBE Tetsushi	Fall	2	
	ECO8841EA	Development Economics (Advanced)	YAMAUCHI Chikako	Spring	2	
	MOR7011E	Quantitative Data Analysis	TSUCHIYA Takashi, MOROHOSI Hozumi, TAKENOUCHI Takashi	Fall	2	
	MOR1100J	政策科学のためのデータサイエンスと情報数理 I	TSUCHIYA Takashi, TAKENOUCHI Takashi	Spring	2	
	MOR2100J	政策科学のためのデータサイエンスと情報数理 II	TSUCHIYA Takashi, TAKENOUCHI Takashi	Fall	2	
	DMP8850E	International Policies on Water and Disasters	HIROKI Kenzo	Fall	2	
	GOV7201EB	Advanced International Relations	BRUMMER Matthew	Fall	2	
	ST16001E	Economics of Innovation	INTARAKUMNERD Patarapong	Fall	2	
	ST16011J	科学技術政策過程論	SUNAMI Atsushi	Biyearly Spring	2	
	ST16061J	科学技術イノベーション政策概論	HAYASHI Takayuki, SUMIKURA Koichi, SUZUKI Jun, NEI Hisanori, IIZUKA Michiko, SUNAMI Atsushi, ARIMOTO Tateo	Spring (Session II)	2	
	ST16071J	公的機関からのイノベーション創出	SUMIKURA Koichi, HAYASHI Takayuki, IIZUKA Michiko	Spring (Session II)	2	
	ST16081J	科学技術イノベーション政策立案演習	HAYASHI Takayuki, SHICHIJO Naohiro	Summer	2	
	ST16091E	Politics of Innovation	BRUMMER Matthew	Biyearly Spring	2	
	ST16101J	イノベーションと経済学	SUZUKI Jun	Spring (Session I)	2	
	ST16111J	科学技術イノベーション政策のためのミクロ経済学	NAGANE Hiromi	Fall(session II)	2	
	ST17031E	Bibliometrics and Applications	HAYASHI Takayuki	Biyearly Spring	2	
	ST17031J	ビブリオメトリクスとその応用	HAYASHI Takayuki	Biyearly Spring	2	
	ST17061E	Policy for Higher Education and University-Industry Cooperation	SUMIKURA Koichi	Fall	2	
	ST17061J	高等教育・産学連携政策	SUMIKURA Koichi	Biyearly Spring	2	
	ST17071J	科学技術外交論	HIROKI Kenzo, SUNAMI Atsushi	Fall(session II)	2	
	ST17081E	Comparative Analysis of Science, Technology and Innovation Policy: Asian Experiences	INTARAKUMNERD Patarapong	Fall	2	
	ST17151E	Comparative Paths of Science, Technology and Innovation Policy	UEYAMA Takahiro	TBA	2	
	ST17151J	科学技術イノベーション政策の史的比較	UEYAMA Takahiro	TBA	2	
	ST17161E	Outline of Energy Policy	TAKAHASHI Kazuaki	Fall(Session I)	2	
	ST17171E	Energy and Environmental Science&Technology	NEI Hisanori, SHIBATA Yoshiaki	Spring	2	
	ST17180E	Advanced Energy Policy	NEI Hisanori, SAKAMOTO Toshiyuki	Spring (Session II)	2	
	ST17191E	Roles of Intellectual Property Rights in Globalized World	SUMIKURA Koichi, ESCOFFIER Luca	Biyearly Spring	2	
	ST17201J	科学技術とアントレプレナーシップ	SUMIKURA Koichi, MAKI Kanetaka	Spring	2	
	ST17211E	Science, Technology and Innovation Policy in Developing Country Context	IIZUKA Michiko	Fall	2	
	ST17221J	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	
	ST17231E	Energy Data Analysis	TBA	Fall (Session II)	2	
	ST17241E	History of Japanese Science, Technology and Innovation Policy	ARIMOTO Tateo	Fall	2	
	ST17251J	計量分析演習	SUZUKI Jun	Fall (Session I)	2	
	ST17261J	科学技術行政システムと指標	HAYASHI Takayuki, IIZUKA Michiko, IJICHI Tomohiro	Spring (Session I)	2	
	ST17271J	知的財産マネジメント I	SUMIKURA Koichi	Spring	2	
	ST17281J	知的財産マネジメント II	SUMIKURA Koichi	Fall	2	
	ST17291J	デジタルトランスフォーメーション政策	IIZUKA Michiko, HAYASHI Takayuki	Summer	1	
	ST17291E	Digital Transformation Policy	TBA	TBA	1	
	ST18051E	Energy Security	NEI Hisanori, KUTANI Ichiro	Spring	2	
	ST18061E	Energy Policy in Japan	NEI Hisanori	Spring	2	
	ST18071E	Research Seminar V	Various	Fall through Winter/Spring through Summer	1	
ST18081E	Research Seminar VI	Various	Fall through Winter/Spring through Summer	1		
ST18101J	科学技術イノベーション政策特論 I	TBA	TBA	2		
ST18111J	科学技術イノベーション政策特論 II	TBA	TBA	2		
ST18121J	科学技術イノベーション政策特論 III	TBA	TBA	2		
ST18131J	科学技術イノベーション政策特論 IV	TBA	TBA	2		
ST18141J	科学技術イノベーション政策特論 V	SUMIKURA Koichi	Biyearly Summer	1		
ST18151J	科学技術イノベーション政策特論 VI	TBA	Biyearly Summer	1		
ST18161J	科学技術イノベーション政策特論 VII	UEYAMA Takahiro	Fall (Session I)	1		
ST18171J	科学技術イノベーション政策特論 VIII	TBA	TBA	1		
ST18200E	Advanced Topics I	TBA	TBA	1		
III Elective Courses		Courses not listed in this table (with Program Director's approval)				
X Others		Courses offered by the Center for Professional Communication				

Notes:

- 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 6 credits  
c) Category II・III: at least 4 credits  
  
Students are expected to take QE after earning at least 2credits from Category I, at least 6 credits from Category II and 2 credits from Category II & Category III (total 10 credits).  
If students neither have completed a master degree program relating to the science, technology and innovation policy nor do have sufficient knowledge in this field, it is strongly recommended in this program that they acquire approximately 16 credits before taking QE and totally 20 credits until their completion.
- If a student takes the same course in both English and Japanese, only one course will count toward the degree.
- \* Credits earned in these courses cannot count toward the degree.
- Courses offered in the Program are subject to change.
- In addition to the above, students can take "科学技術社会論概説", "地域サステナビリティ" and "東アジア地域の科学技術イノベーション政策" which are the courses offered by Kyushu University, as courses required for completion (Category II Recommended Courses), following prescribed procedures. The names of courses offered at Kyushu University are subject to change.