

Academic Year 2020-2023  
(6) Science, Technology and Innovation Policy

| Category                     | Course No.             | Course Name  | Instructor   | Term                                      | Credit | Requirement |
|------------------------------|------------------------|--|--|---|--------|-------------|
| I<br>Required<br>Courses     | STI8011E               | Research Seminar I   | Various  | Fall through Winter/Spring through Summer | 1      | 4           |
|                              | STI8021E               | Research Seminar II  | Various  | Fall through Winter/Spring through Summer | 1      |             |
|                              | STI8031E               | Research Seminar III   | Various  | Fall through Winter/Spring through Summer | 1      |             |
|                              | STI8041E               | Research Seminar IV  | Various  | Fall through Winter/Spring through Summer | 1      |             |
| II<br>Recommended<br>Courses | ECO7721EA              | Introduction to Applied Econometrics (Advanced)                                      | TBA  | Fall                                      | 2      | 10 20       |
|                              | ECO7881E               | Trade and Industrial Development   | SONOBE Tetsushi  | Spring                                    | 2      |             |
|                              | ECO8841EA              | Development Economics (Advanced)   | YAMAUCHI Chikako   | Winter                                    | 2      |             |
|                              | MOR7011E               | Quantitative Data Analysis   | MOROHOSI Hozumi, TSUCHIYA Takashi, OYAMA Tatsuo  | Fall                                      | 2      |             |
|                              | DMP8850E               | International Policies on Water and Disasters  | HIROKI Kenzo   | Fall                                      | 2      |             |
|                              | STI6001E               | Economics of Innovation  | INTARAKUMNERD Patarapong   | Fall                                      | 2      |             |
|                              | STI6011E               | Analysis of Science and Technology Policy Process                                    | SUNAMI Atsushi   | Spring                                    | 2      |             |
|                              | STI6061J               | 科学技術イノベーション政策概論  | SUZUKI Jun, NEI Hisanori, SUMIKURA Koichi, IIZUKA Michiko, HAYASHI Takayuki, SUNAMI Atsushi, ARIMOTO Tatesuo, et al. | Spring (Session II)                       | 2      |             |
|                              | STI6071J               | 公的機関からのイノベーション創出   | SUMIKURA Koichi, HAYASHI Takayuki, IIZUKA Michiko, et al.  | Spring (Session II)                       | 2      |             |
|                              | STI6081J               | 科学技術イノベーション政策立案演習  | HAYASHI Takayuki, SHICHIJO Naohiro, et al.   | Summer                                    | 2      |             |
|                              | STI6101J               | イノベーションと経済学  | SUZUKI Jun   | Spring                                    | 2      |             |
|                              | STI6111J               | 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      |             |
|                              | STI7031E               | Bibliometrics and Applications   | HAYASHI Takayuki   | Biyearly Spring                           | 2      |             |
|                              | STI7031J               | ビブリオメトリクスとその応用   | HAYASHI Takayuki   | Biyearly Spring                           | 2      |             |
|                              | STI7061E               | Policy for Higher Education and University-Industry Cooperation                      | SUMIKURA Koichi  | Biyearly Fall                             | 2      |             |
|                              | STI7061J               | 高等教育・産学連携政策  | SUMIKURA Koichi  | Biyearly Fall                             | 2      |             |
|                              | STI7071J               | 科学技術外交論  | HIROKI Kenzo, SUNAMI Atsushi   | Fall(session II)                          | 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  | TBA                                       | 2      |             |
|                              | STI7151J               | 科学技術イノベーション政策の史的比較   | UEYAMA Takahiro  | TBA                                       | 2      |             |
|                              | STI7161E               | Outline of Energy Policy   | NEI Hisanori   | Fall(Session I)                           | 2      |             |
|                              | STI7171E               | Energy and Environmental Science&Technology  | NEI Hisanori, SHIBATA Yoshiaki   | Spring                                    | 2      |             |
|                              | STI7180E               | Advanced Energy Policy   | NEI Hisanori, TOYODA Masakazu  | Spring (Session II)                       | 2      |             |
|                              | STI7191E               | Roles of Intellectual Property Rights in Globalized World                            | SUMIKURA Koichi, ESCOFFIER Luca  | Spring                                    | 2      |             |
|                              | STI7201J               | 科学技術とアントレプレナーシップ   | 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      |             |
|                              | STI7231E               | Energy Data Analysis   | NEI Hisanori, SUEHIRO Shigeru  | Fall (Session II)                         | 2      |             |
|                              | STI7241E               | History of Japanese Science, Technology and Innovation Policy                        | ARIMOTO Tatesuo  | Fall                                      | 2      |             |
|                              | STI7251J               | 計量分析演習   | SUZUKI Jun   | Fall (Session I)                          | 2      |             |
|                              | STI7261J               | 科学技術行政システムと指標  | HAYASHI Takayuki, IIZUKA Michiko, IJICHI Tomohiro  | Spring (Session I)                        | 2      |             |
|                              | STI7271J               | 知的財産マネジメント I   | SUMIKURA Koichi  | Spring                                    | 2      |             |
|                              | STI7281J               | 知的財産マネジメント II  | SUMIKURA Koichi  | Fall                                      | 2      |             |
|                              | STI8051E               | Energy Security  | NEI Hisanori, KUTANI Ichiro  | Spring                                    | 2      |             |
| STI8061E                     | Energy Policy in Japan | NEI Hisanori   | Spring   | 2   |        |             |
| STI8101J-<br>STI8131J        | 科学技術イノベーション政策特論 I - IV | TBA  | TBA  | 各2  |        |             |
| STI8141J                     | 科学技術イノベーション政策特論 V      | SUMIKURA Koichi  | Summer   | 1   |        |             |
| STI8151J                     | 科学技術イノベーション政策特論 VI     | TBA  | TBA  | 1   |        |             |
| STI8161J                     | 科学技術イノベーション政策特論 VII    | UEYAMA Takahiro  | Fall (Session I)   | 1   |        |             |
| STI8171J                     | 科学技術イノベーション政策特論 VIII   | TBA  | TBA  | 1   |        |             |
| III<br>Elective<br>Courses   |                        | Courses not listed in this table (with Program director's approval)                  |  |   |        |             |
| X<br>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 10 credits

Students are expected to take QE after earning at least 1 credit from Category I, at least 10 credits from Category II and 6 credits from Category II & Category III (total 17 credits).

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.