

Courses in the Master's and the Doctoral Programs 2017

Master's Program (Human Sciences)

| Subject Category | | Subject Name | | Credits | Language of Instruction | Required Credits | |
|---|---|---------------------------|--|--|----------------------------|------------------|-------------------------------------|
| Compulsory Subjects | Seminar in Integrated Arts and Sciences | | Seminar in Integrated Arts and Sciences | 2 | ※1 | 2 | |
| | Core Subject | | Core Subject A Core Subject B | 2 2 | ※1 ※1 | 4 | |
| | Special Studies | | Special Study on Life Sciences Special Study on Studies of Human Behavior Special Study on Sport Sciences Special Study on Language Studies Special Study on Humanities and Science of Art | 8 8 8 8 8 | ※1 ※1 ※1 ※1 ※1 | Main Field 8 | |
| | Specialized Subjects | | Field | Specialty | | | |
| Elective Compulsory Subjects | Specialized Subjects | Life Sciences | Life Sciences | Metabolic Biochemistry | 2 | ※1 | 12 Main Field 8 Other Field 4 |
| | | | | Chiral Organic Chemistry | 2 | ※1 | |
| | | | | Metazoan Evolutionary Biology | 2 | ※1 | |
| | | | Brain Sciences | Advanced Molecular and Cellular Neurobiology | 2 | ※1 | |
| | | | | Biological Basis of Neuronal Regulation | 2 | ※1 | |
| | | | | Functional Organization of the Brain | 2 | ※1 | |
| | | Studies of Human Behavior | Cognitive and Behavioral Sciences | Theories of Cognition and Behavior | 2 | Japanese | |
| | | | | Chronopsychology | 2 | Japanese | |
| | | | | Cognition and Language | 2 | Japanese | |
| | | Human Movement Sciences | Human Behavioral Sciences | Environment and Behavior | 2 | Japanese | |
| | | | | Theories of Adaptive Behavior | 2 | Japanese | |
| | | | | Theories of Social Behavior | 2 | Japanese | |
| | | Language Studies | Language Studies | Human Motor Control | 2 | ※1 | |
| | | | | Biochemistry of Exercise | 2 | ※1 | |
| | | | | Theories of Environment and Exercise Performance | 2 | ※1 | |
| | | | | Psychology of Human Movement | 2 | Japanese | |
| Analysis of Physical Movement | 2 | | | ※1 | | | |
| Philosophy of Physical Arts | 2 | | | ※1 | | | |
| Analysis of Phonetics, Phonology, and the Phonetics-Phonology Interface | 2 | | | ※1 | | | |
| Cognitive Semantics | 2 | Japanese | | | | | |
| Contrastive Linguistics | 2 | ※1 | | | | | |
| Comparative Pragmatics | 2 | ※1 | | | | | |
| English Grammar and Usage | 2 | Japanese | | | | | |
| Structural Analysis of Natural Language | 2 | Japanese | | | | | |
| Computer Linguistics | 2 | Japanese | | | | | |
| Applied Linguistics Interface | 2 | English | | | | | |
| Philosophy and Thoughts | | | | | | | |

Humanities and Sciences of Art Humanities And Sciences of Art

| | | | | | |
|--|--|---|------------------|--------------------------------------|---|
| | | | 1 1 | Japanese Japanese | |
| | | Document Management Method Risk Communication Business Continuity Management Academic Writing within a Global Context: Theory with Practice | 2 2 2 2 | Japanese ※1 English English | 4 |
| | | Advanced Seminar in Integrated Arts and Sciences | 2 | ※2 | |
| | | Other Subjects of Graduate Programs | | | |

Total 2

Curriculum Structure

- ① The compulsory subject Core Subject consists of two sub-courses A and B: the former is prerequisite for the latter. Enroll in one of Theories of Risk in the Day, Imagining to Creation, Informatics and Information Theory - Interdisciplinary Studies, or Civilization and Environment.
- ② For the compulsory Special Studies course, enroll in your major field of study.
- ③ For compulsory electives within Specialized Subjects, take 8 credits in your main field of study and 4 credits in other fields. As for the 4 credits in other fields, it is preferable to take courses provided by other divisions.
- ④ Free Elective subjects: any credits from elective compulsory subjects in excess of the required number, as well as any of the common university graduate subjects, can count as free electives. Also, with the permission of your principle faculty advisor, it is possible to have courses from other Graduate Schools count as free electives.
- ⑤ Students enrolled in the Leading Graduate Education Program can, after consulting with their main advisor, design their own curriculum. However, Seminar in Integrated Arts and Sciences, Core Subject, and Special Study are required courses.
- ⑥ Subjects marked with 1 in the Language of Instruction column will be conducted in either Japanese, English, or Japanese and English, depending on the preference of the students.
- ⑦ For Subjects marked with 2 in the Language of Instruction column, the language will be specified at the start of the course.

Master's Program (Environmental Sciences)

| Subject Category | | Subject Name | | Credits | Language of Instruction | Required Credits | |
|--|---|---|--|---|-------------------------|------------------|---|
| Compulsory Subjects | Seminar in Integrated Arts and Sciences | | Seminar in Integrated Arts and Sciences | 2 | ※1 | 2 | |
| | Core Subjects | | Core Subject A Core Subject B | 2 2 | ※1 ※1 | 4 | |
| | Special Studies | | Special Study on Natural Environmental Sciences Special Study on Integrated Physical Sciences Special Study on Information and Media Sciences Special Study on Social Environmental Studies | 8 8 8 8 | ※1 ※1 ※1 ※1 | Main Field 8 | |
| | | | | | | | |
| Elective Compulsory Subjects | Specialized Subjects | Field | Specialty | | | | |
| | | Natural Environmental Sciences | Environmental Ecology | Conservation Ecology | 2 | ※1 | 12 Main Field 8 Other Field 4 |
| | | | | Symbiotic Microbiology | 2 | ※1 | |
| | | | | Biodiversity Science (Basic studies for Environmental Sciences) | 2 | English | |
| | | | | Climatic Environments & Ecology | 2 | Japanese | |
| | | Natural Environmental Sciences | Environmental Earth Sciences | Earth Materials | 2 | Japanese | |
| | | | | Dynamics of Earth Surface Material Cycle | 1 | English | |
| | | | | Hydrological and Material Cycle | 1 | ※1 | |
| | | | | Climate Change and Natural Disasters | 2 | Japanese | |
| | | Integrated Physical Sciences | Physics of Complex Matter | Fundamentals of Complex Matter | 2 | ※1 | |
| | | | | Complex Materials Science | 2 | ※1 | |
| | | | | Structure of Complex Matter | 2 | ※1 | |
| | | | | Physics of Correlated Matter | 2 | ※1 | |
| | | Integrated Physical Sciences | Physics of Correlated Matter | Quantum Theory of Correlated Matter | 2 | ※1 | |
| Correlated Materials Science | 2 | | | ※1 | | | |
| Spectroscopies of Correlated Matter | 2 | | | ※1 | | | |
| Applied Science of Correlated Matter | 2 | | | ※1 | | | |
| Information and Media Sciences | Information and Media Sciences | Information Systems | 2 | ※1 | | | |
| | | Information Security | 2 | ※1 | | | |
| | | Computational Science | 2 | ※1 | | | |
| | | Computational Statistics | 2 | ※1 | | | |
| Information and Media Sciences | Information and Media Sciences | Media Communication | 2 | ※1 | | | |
| | | Studies of Regional Environment | 2 | Japanese | | | |
| | | Studies of Regional Information | 2 | Japanese | | | |
| | | Sustainable Tourism Development | 2 | English | | | |
| Social Environmental Studies | Studies of Modern Society | Studies on Environment and Rural Society | 2 | Japanese | | | |
| | | Social System and Social Change | 2 | Japanese | | | |
| | | Social Stratification | 2 | Japanese | | | |
| | | Welfare Sociology and Social Policy Studies | 2 | Japanese | | | |
| Social Environmental Studies | Studies of Modern Society | Theory of World Economy System | 2 | Japanese | | | |
| | | The Industrial System | 2 | Japanese | | | |
| | | Theory of community in risk society | 2 | Japanese | | | |
| | | Specialized Subjects of other divisions | | | | | |
| Optional Elective Subjects | Literacy Courses | | Research Ethics | 1 | Japanese | 4 | |
| | Literacy Courses | | Scientific Literacy of Information and Communication Technology | 1 | Japanese | | |
| Optional Elective Subjects | Literacy Courses | | Document Management Method | 2 | Japanese | 4 | |
| | Literacy Courses | | Risk Communication | 2 | ※1 | | |
| Optional Elective Subjects | Literacy Courses | | Business Continuity Management | 2 | English | 4 | |
| | Literacy Courses | | Academic Writing within a Global Context: Theory with Practice | 2 | English | | |
| Advanced Seminar in Integrated Arts and Sciences | | | | 2 | ※2 | | |
| Total | | | | | | 30 | |

Curriculum Structure

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Master's Program (Cultural Sciences)

| Subject Category | | | Subject Name | Credits | Language of Instruction | Required Credits | |
|---|--|---|---|---|---------------------------|------------------|---|
| Compulsory Subjects | Seminar in Integrated Arts and Sciences | | Seminar in Integrated Arts and Sciences | 2 | ※1 | 2 | |
| | Core Subjects | | Core Subject A Core Subject B | 2 2 | ※1 ※1 | 4 | |
| | Special Studies | | Special Study on Cultural and Historical Studies Special Study on Area Studies | 8 8 | ※1 ※1 | Main Field 8 | |
| Elective Compulsory Subjects | Specialized Subjects | Field | Specialty | | | | |
| | | Cultural and Historical Studies | Cultural History | Peaceful Coexistence of Civilizations | 2 | Japanese | 12 Main Field 8 Other Field 4 |
| | | | | Science and Technology Study | 2 | Japanese | |
| | | | | Religious Studies | 2 | Japanese | |
| | | | Anthropology | Ethnology | 2 | Japanese | |
| | | | | Symbolic Anthropology | 2 | ※1 | |
| | | | | Socio-Cultural Studies | European Cultural History | 2 | |
| | | Area Studies | Asian Studies | Studies in Comparative Education and Society | 2 | Japanese | |
| | | | | Comparative Literature | 2 | Japanese | |
| | | | | Understanding Other Culture | 2 | Japanese | |
| | | | | Japanese Area Studies | 2 | Japanese | |
| | | | | Japanese Literature and Society Studies | 2 | Japanese | |
| | | | | Asian Area Studies | 2 | Japanese | |
| | | | European Studies | Asian Culture Studies (Modern Cultures) | 2 | Japanese | |
| | | | | Asian Culture Studies (Cultural Representation) | 2 | Japanese | |
| Asian Cultural Studies (Traditional Cultures) | 2 | | | Japanese | | | |
| British/American Studies | European Studies | Peace Study of Hiroshima | 2 | Japanese | | | |
| | | European Area Studies | 2 | Japanese | | | |
| | | European Culture and Society | 2 | Japanese | | | |
| | British/American Studies | European Thought and Culture | 2 | Japanese | | | |
| | | British and American Area Studies | 2 | Japanese | | | |
| | | British and American Literature and Society | 2 | Japanese | | | |
| Anglophone Area Studies | British and American Society (History) | 2 | Japanese | | | | |
| | British and American Society (International Relations) | 2 | Japanese | | | | |
| | Anglophone Area Studies | 2 | ※1 | | | | |
| Specialized Subjects of other divisions | | | | | | | |

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- ⑦ For Subjects marked with ※2 in the Language of Instruction column, the language will be specified at the start of the course.

Master's Program (The 21st Century Science Projects)

| Subject Category | | Subject Name | Credits | Language of Instruction | Required Credits |
|--|--|---|---------|-------------------------|------------------|
| Compulsory Subjects | Seminar in Integrated Arts and Sciences | Seminar in Integrated Arts and Sciences | 2 | ※1 | 2 |
| | Core Subjects | Core Subject A | 2 | ※1 | 4 |
| | | Core Subject B | 2 | ※1 | |
| Special Studies | Special Study on the 21 st Century Science Projects | 8 | ※1 | 8 | |
| Optional Elective Subjects | Specialized Subjects | Specialized Subjects of the Divisions | | | 16 |
| | Literacy Courses | Research Ethics | 1 | Japanese | |
| | | Scientific Literacy of Information and Communication Technology | 1 | Japanese | |
| | | Document Management Method | 2 | Japanese | |
| | | Risk Communication | 2 | ※1 | |
| Business Continuity Management | | 2 | English | | |
| Academic Writing within a Global Context: Theory with Practice | | 2 | English | | |
| Advanced Seminar in Integrated Arts and Sciences | | 2 | ※2 | | |
| Total | | | | | 30 |

Curriculum Structure

- ① The compulsory subject Core Subject consists of two sub-courses A and B: the former is prerequisite for the latter. Enroll in one of Theories of Risk in the Day, Imagining to Creation, Informatics and Information Theory - Interdisciplinary Studies, or Civilization and Environment.
- ② Students enrolled in the 21st Century Science Projects can, after consulting with their main advisor, design their own curriculum. However, Seminar in Integrated Arts and Sciences, Core Subject, and Special Study are required courses.
- ③ Students enrolled in the Leading Graduate Education Program can, after consulting with their main advisor, design their own curriculum. However, Seminar in Integrated Arts and Sciences, Core Subject, and Special Study are required courses.
- ④ Subjects marked with ※1 in the Language of Instruction column will be conducted in either Japanese, English, or Japanese and English, depending on the preference of the students.
- ⑤ For Subjects marked with ※2 in the Language of Instruction column, the language will be specified at the start of the course.

Doctoral Program

| Subject Category | Subject Name | Credits | Required Credits |
|------------------------|---------------------|--|------------------|
| Compulsory Subjects | Research Seminar | Seminar in Life Sciences Seminar in Studies of Human Behavior Seminar in Sport Sciences Seminar in Language Studies Seminar in Humanities and Science of Art Seminar in Natural Environmental Sciences Seminar in Integrated Physical Sciences Seminar in Information and Media Sciences Seminar in Social Environmental Studies Seminar in Cultural and Historical Studies | |