

List of courses available for Exchange programs ①  
This list designed exclusively for Exchange students in School of Fundamental Science and Engineering  
\* Department of Mathematics

| Important note   | Yes or No |
|--|-----------|
| 1) Other program courses offered by other Exchange programs  | No        |
| 2) Non-IPSE program courses offered by any departments in FSE (note: Non-IPSE means existing regular programs taught mostly in Japanese) | No        |
| 3) Courses offered by Schools outside of FSE (i.e., Schools belonging to Faculties other than FSE)                                       | No        |
| 4) Courses offered by Global Education Center  | Yes       |
| 5) Japanese language courses offered by the Center for Japanese Language   | Yes       |

| Offered by                         | Group |                           | Course names                                 | Allocated to       | Course offerings at         | Credit number | Course level | Course type |
|------------------------------------|-------|---------------------------|--|--------------------|-----------------------------|---------------|--------------|-------------|
| Faculty of Science and Engineering | A     | Multidisciplinary Studies | Philosophy of Science                        | 1st year and above | spring semester(first half) | 2             | 1            | L           |
| Faculty of Science and Engineering | A     | Multidisciplinary Studies | Introduction to Ethics (1)                   | 1st year and above | spring semester(first half) | 2             | 1            | L           |
| Faculty of Science and Engineering | A     | Multidisciplinary Studies | Introduction to Ethics (2)                   | 1st year and above | spring semester             | 2             | 1            | L           |
| Faculty of Science and Engineering | A     | Multidisciplinary Studies | Introduction to Social and Political Thought | 1st year and above | spring semester(first half) | 2             | 1            | L           |
| Faculty of Science and Engineering | A     | Multidisciplinary Studies | Topics in History and Philosophy of Science  | 1st year and above | spring semester(first half) | 2             | 1            | L           |
| Faculty of Science and Engineering | A     | Multidisciplinary Studies | Ideas that Shook the Universe                | 1st year and above | an intensive course(spring) | 2             | 1            | L           |
| Faculty of Science and Engineering | A     | Multidisciplinary Studies | East Asian Film                              | 1st year and above | an intensive course(spring) | 2             | 1            | L           |
| Faculty of Science and Engineering | C     | Specialized Courses       | Numerical Analysis                           | 2nd year and above | spring semester             | 2             |              | L           |
| Faculty of Science and Engineering | C     | Specialized Courses       | Foundations of Geometry                      | 2nd year and above | spring semester             | 2             | 2            | L           |
| Faculty of Science and Engineering | C     | Specialized Courses       | Advanced Algebra                             | 3rd year and above | spring semester             | 2             | 3            | L           |
| Faculty of Science and Engineering | C     | Specialized Courses       | Advanced Analysis                            | 3rd year and above | spring semester             | 2             | 3            | L           |
| Faculty of Science and Engineering | C     | Specialized Courses       | Applied Geometry                             | 3rd year and above | spring semester             | 2             | 3            | L           |
| Faculty of Science and Engineering | C     | Specialized Courses       | Number Theory                                | 3rd year and above | spring semester             | 2             | 3            | L           |

Note1: The courses shown as "course offerings at fall semester" (including intensive courses (fall)) are for fall 2017 course registration periods, which cannot be registered in this spring 2017 course registration periods.  
In this fall semester, you can register courses only allocated to fall semester (including intensive).

Note2: You can ignore the 2nd column from the left on the table above.  
For your reference, a course with "2nd year and above" means that IPSE regular students at 2nd years or above can take it.

Note3: The list above is updated as of 4th of February and is subject to change due to inevitable reasons without notice.