Doctor of Philosophy Program in Physics (International Program)

In reviewing process, the subjects will be slightly adapted

Clarification of the code

Example 3((3)-0-6)

Number of credit((lecture hrs*)-lab hrs*-self-study hrs*)

*hrs per week

333-701 Thesis **48(0-144-0)**

Independent research work under guidance of an advisor in the designated physics research group

333-702 Thesis **72(0-216-0)**

Independent research work under guidance of an advisor in the designated physics research group

333-502 Ethics and Philosophy in Research **1(1-0-2)**

Ethics in research; ethics and philosophy in research in case studies

333-790 Seminar in Physics **1(0-2-1)**

Exposure to and discussion of advanced physics topics in research field; retrieval, assessment and synthesis of scientific information; critical reading of scientific papers; advanced scientific presentation; advanced scientific writing

333-791 Seminar in Physics I **1(0-2-1)**

Exposure to advanced state-of-the-art physics topics in research field; discussion of theories and methods related to research on specific subfield; retrieval, assessment and synthesis of scientific information; literature review; critical reading of scientific papers; advanced scientific presentation; advanced scientific writing, engaging in group discussions

333-792 Seminar in Physics II **1(0-2-1)**

Exposure to advanced state-of-the-art physics topics in research field; discussion of theories and methods related to research on specific subfield; retrieval, assessment, synthesis and critical evaluation of scientific information and data; literature review; critical reading of scientific papers; advanced scientific presentation; advanced scientific writing; review of public presentations, engaging in group discussions

333-793 Seminar in Physics III **1(0-2-1)**

Exposure to advanced state-of-the-art physics topics in research field; comprehensive discussion of theories, methods and data related to research on specific subfield; proposing own hypothesis/model based on retrieval, assessment, synthesis and critical evaluation of scientific information and data; comprehensive literature review; critical reading of scientific papers; advanced scientific presentation; advanced scientific writing; critical review of public presentations, engaging in group discussions