

Department of Polar Science Course Registration Model (Doctoral Program)

Fields of education and research guidance : Polar Geoscience

Research topics : A metamorphic history analysis of the Sor Rondane Mountains in East Antarctica

Year	Comprehensive subjects	Credits	School common foundation subjects	Credits	Introductory subjects group	Credits	Specialization subjects group	Credits	Research guidance subjects group	Credits	Fieldwork
3	Student seminars	1	Introduction to Advanced Earth Science I	2	None	None	None	None	Special Lectures for Dissertation III	2	Conduct field surveys of metamorphic rocks in the Yoshimi Hills in Saitama, Japan, in spring. Conduct field surveys of metamorphic rocks dating from the Archean eon in Wyoming, U.S.A., in summer.
	SOKENDAI lectures	1	Introduction to Advanced Earth Science II	2					Special Exercise for Dissertation III	2	
<Goals> Determine a research theme and research plan for the doctoral thesis. Collect necessary data in accordance with the theme of the doctoral thesis, through fieldwork or other means, and analyze the data. At the student presentation sessions in February, explain your research findings to date, and show a research plan for further work. This presentation is reviewed by supervisors, as well as by the entire body of academic staff in the department.											
4					None	None	None	None	Special Lectures for Dissertation IV	2	Present your research findings for the third year at an academic conference and write them up in the form of a paper. Join the summer party of the Japanese Antarctic Research Expedition to conduct field surveys of metamorphic rocks in the central part of the Sor Rondane Mountains.
									Special Exercise for Dissertation IV	2	
<Goals> Finish collecting all the data necessary for the doctoral thesis and proceed with analyzing the data. Start writing the thesis. In addition, prepare a paper on a topic connected with the doctoral thesis and submit it to a peer-reviewed journal. At the student presentation sessions in February, explain your research findings to date. This presentation is reviewed by supervisors, as well as by the entire body of academic staff in the department.											
5					None	None	None	None	Special Lectures for Dissertation V	2	Present your research findings for the fourth year at an academic conference and write them up in the form of a paper. Contribute your findings up to this point to a journal. Work on preparing for the doctoral degree assessment and on writing the doctoral thesis.
									Special Exercise for Dissertation V	2	
<Goals> Proceed with writing the doctoral thesis. The thesis should be 80% complete (at the standard of a doctoral thesis) by the preliminary assessment stage. After the preliminary assessment, make sure to address all the issues raised by the preliminary assessment committee before applying for the final assessment. Then work to complete the thesis.											

No. of credits	2	4	0	0	12
	(1)	(2)	(3)	(4)	(5)

Obtained credits	18
Credits needed for degree	10

(Note that 4 credits from category (2) must be included. Up to 2 credits of category (1) can be counted towards the degree. In addition, credits earned from other universities can also be counted towards the degree, in accordance with the credit exchange system, subject to specified limits.)