Department of Polar Science Course Registration Model (5-year Integrated Doctoral Program)

Fields of education and research guidance:Polar Bioscience Research topics:Microbial ecosystems in periglacial environments

Year 1	Comprehensive subjects	Credits	School common foundation subjects	Credits	Introductory subjects group Credite	s Specialization subjects group	Credits	Research guidance subjects group	Credits	Fieldwork
1	Student seminars	1	Introduction to Advanced Earth Science I	2	Introduction to Terrestrial Ecology in Polar Region 2	Polar Limnology and Ecology	2	Special Lectures for Dissertation I	2	Conduct sampling of
	SOKENDAI lectures	1	Introduction to Advanced Earth Science II	2		Biodiversity in Polar Regions	2	Special Exercise for Dissertation I	2	microorganism communi- ties in snowy valleys in the
						Analysis of terrestrial ecosystem in polar region	2			high mountains of Japan in summer.
										Summer.
	<goals></goals>									
	As you broadly study multidisciplinar				theme and set up a general framework for t				bruary	r, explain your research
	findings to date, and present your pla	in for f		:	viewed by supervisors, as well as by the en	· · ·	:			
2			Introduction to Multidisciplinary Sciences	2		Ice Core Paleoclimatology	2	Special Lectures for Dissertation II	2	Participate in observation of microbial ecosystems on
			Polar Marine Environment Systems	2				Special Exercise for Dissertation II	2	glaciers at Ny-Alesund
										Station (Norway) in summer.
	<goals></goals>	:		:	I;	I	:	1	:	
					research plan. Conduct fieldwork or other a				ions in	February, explain your
3	research findings to date, and preser	it your	plan for further research work. This p	resent	ation is reviewed by supervisors, as well as	by the entire body of academic start in	the a	Special Lectures for Dissertation III	2	Join the summer party of
J									2	the Japanese Antarctic
								Special Exercise for Dissertation III	2	Research Expedition to conduct observation of
										microbial ecosystems on
										ice sheets.
	<goals></goals>									
					dwork or other means, and analyze the data ody of academic staff in the department.	a. At the student presentation sessions	in Fel	oruary, explain your research findings	to date	e, and show a research plan
4								Special Lectures for Dissertation IV	2	
								Special Exercise for Dissertation IV	2	
	<goals></goals>									
					ng the data. Start writing the thesis. In additi rolment. Complete this before the end of the					
					ved by supervisors, as well as by the entire			·		
5								Special Lectures for Dissertation V	2	Conduct sampling of
								Special Exercise for Dissertation V	2	microorganism communi- ties in snowy valleys in the
										high mountains of Japan in
										summer.
	<goals></goals>	:					:		:	
	Proceed with writing the doctoral the		e thesis should be 80% complete (at t the final assessment. Then work to co		ndard of a doctoral thesis) by the preliminar e the thesis.	ry assessment stage. After the prelimina	ary as	sessment, make sure to address all th	e issu	es raised by the preliminary
No. d	of credits	2		8	2		8		20	
		(1)		(2)	(3)		(4)		(5)	
Obt	ained credits 40									
Credits needed for degree 40 (Note that 8 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.)										

in accordance with the credit exchange system, subject to specified limits.)