

Earth and Environmental Sciences, Graduate School of Environmental Studies

Master's Course <前期課程>

環境学研究科 地球環境科学専攻

Course categories and format 科目区分, 授業形態			Course Title 授業科目	Person in charge	Credits 単位数	Semester
Interdisciplinary courses 体系理解科目			Sustainability and Environmental Studies	Hiroki Tanikawa, Miho Iryo, Zinchenko Anatoly	2	I
			Low Carbon City Studies	Hiroki Tanikawa	2	II
			English Communication in Environmental Issues	Miho Iryo, Sohyun Chun	2	II
			Introduction to Geology	Marc Humblet	2	II
			Field Seminar on Environmental Studies	Yasushi Yamaguchi, Yasuhiro Hirano, Kazuo Osada	2	II
Type 1 courses I類	Lecture 講義	Specialized Elective courses	Marine Geology	Marc Humblet	2	I, II
			Biological Oceanography	Joji Ishizaka	2	I, II
			Geochemistry and Cosmochemistry	Hiroshi Hidaka, Koichi Mimura, Yoshihiro Asahara, Yasuhiro Hirahara	2	I, II
			Earth Dynamics	Yui Kouketsu, Takeshi Sagiya	2	I, II
			Geophysics	Takeshi Sagiya, Seiichiro Watanabe, Hiroyuki Kumagai, Shinichi Shirono	2	I, II
			Field seminar in Geobiology	Tetsuo Oji, Marc Humblet	2	I, II
			Field seminar in Earth Environmental Systems	Yasushi Yamaguchi, Masao Takano, Yasuhiro Hirano	2	I, II
			Field seminar in Geophysics	Takeshi Sagiya	2	I, II
Type 2 courses II類	Seminar セミナー	Specialized compulsory seminars ①	Seminar in Earth and Environmental Sciences A	Tatsuo Oji, Marc Humblet, Hiroshi Hidaka, Hiroyuki Kumagai, Takeshi Sagiya, Yasushi Yamaguchi, Yoshihiro Natsuhara, Masato Shinoda, Joji Ishizaka, Kazuo Osada, Koji Fujita, Takeshi Nakatsuka, Kengo Sudo, Michihiro Mochida	4	I
			Seminar in Earth and Environmental Sciences B		4	II
			Seminar in Earth and Environmental Sciences C		4	III
			Seminar in Earth and Environmental Sciences D		4	IV
		Specialized compulsory elective seminars ②	Seminar on Earth and Planetary Sciences A	Yasushi Yamaguchi, Hiroshi Hidaka, Hiroyuki Kumagai, Takeshi Sagiya, Tatsuo Oji, Marc Humblet, Yoshihiro Natsuhara	2	I
			Seminar on Earth and Planetary Sciences B		2	II
			Seminar on Earth and Planetary Sciences C		2	III
			Seminar on Earth and Planetary Sciences D		2	IV
			Seminar on Hydrospheric and Atmospheric Studies A	Masato Shinoda, Joji Ishizaka, Kazuo Osada, Koji Fujita, Takeshi Nakatsuka, Kengo Sudo, Michihiro Mochida	2	I
			Seminar on Hydrospheric and Atmospheric Studies B		2	II
			Seminar on Hydrospheric and Atmospheric Studies C		2	III
			Seminar on Hydrospheric and Atmospheric Studies D		2	IV
Research supervision 研究指導						
Method of Completion and Research Supervision (履修方法及び研究指導)						
Master of Environmental Studies 修士 (環境学)	1. (1) The requirements stated in the following items i) to iii) must be met and a total of at least 30 credits must be acquired. (以下のi)~iii)の各項を満たし, 合計30単位以上)					
	i) Interdisciplinary courses (体系理解科目) : Minimum 6 credits (6単位以上)					
	ii) Type 1 and 2 courses (I類, II類) : A total of 16 credits must be acquired from specialized compulsory seminars ① and 8 credits from specialized compulsory elective seminars ②					
	iii) Other departments of graduate schools (他専攻, 他研究科等の授業科目) : Credits can be counted as degree credits. (単位数として含めることができる)					
2. Research supervision: students will be subject to instruction by academic advisors under the rules prescribed by the department. (研究指導については, 専攻において定めるところにより, 指導教員の指示によること)						
Master of Science 修士 (理学)	1. (1) The requirements stated in the following items i) to iii) must be met and a total of at least 30 credits must be acquired. (以下のi)~iii)の各項を満たし, 合計30単位以上)					
	i) Interdisciplinary courses (体系理解科目) : Minimum 2 credits (2単位以上)					
	ii) Type 1 and 2 courses (I類, II類) : A total of 16 credits must be acquired from specialized compulsory seminars ① and 8 credits from specialized compulsory elective seminars ②					
	iii) Other departments of graduate schools (他専攻, 他研究科等の授業科目) :					

Credits can be counted as degree credits. (単位数として含めることができる)

2. Research supervision: students will be subject to instruction by academic advisors under the rules prescribed by the department.
(研究指導については、専攻において定めるところにより、指導教員の指示によること)