

Education Program for Field-Oriented Leaders in Environmental Sectors in Asia and Africa (FOLENS Program) : Curriculum for April 2013 - March 2014 (As of 26 Feb 2013)

「アジア・アフリカ現場立脚型環境リーダー育成プログラム(FOLENSプログラム)」平成25年度カリキュラム(平成25年2月26日現在)

Subject Category	Subject Title (English)	Subject Title (Japanese)	Dept in charge**	Term 1st=Apr-Sep 2nd=Oct-Mar	Teaching Staff	Code	Rem ote	Cred it	Requi red
Sustainable Society & the Environment 持続可能な社会と環境									
	Environment and Sustainable Society in Asia and Africa (Advanced Lecture on International Environmental and Agricultural Science II (TBD))*	アジア・アフリカの環境と持続可能な社会 (国際環境農学特論Ⅱ(予定))*	MI	2nd/Intensive	IEAS Faculty, Ninomiya-Lim, Yoneda, Ozaki	MI専攻教員・二ノ宮リム・米田・尾崎		2	2
	International Development and Cooperation	国際開発協力論	MI	2nd	Takeuchi	竹内		2	
	Rural Development Policy	地域開発政策学	MI	1st	Toyoda	豊田	NO	2	
	International Cooperation on Sustainable Agriculture	環境農業協力論	MI	2nd	Yamada	山田	NO	2	
	Population Sociology	途上地域人口社会学	MI	1st	IEAS Faculty	MI専攻教員			
	Business Creation and Management for Environmental Industries (Special Lecture on Analysis Science IV)	環境産業ビジネス論(物質生物計測講座特別講義Ⅳ)*	AC	2nd	Kameyama, Ohara, external experts	亀山・小原・外部講師		2	
	Symbiotic Education	共生教育論	MS	1st	Furihata	降旗	NO	2	
	Presentation Skill Training	プレゼンテーション演習	FOLENS	2nd/Intensive	TUAT and E&R Base faculties	本学・海外拠点教員	n/a	0.5	
	Special Lecture for Leaders in Environmental Sectors in Asia and Africa	アジア・アフリカ環境リーダー特別講義	FOLENS	TBD	-	-	-	0.5	
Environmental Sciences 環境科学									
Water Environment 水環境系	Global Environment	地球環境論	MI	1st	Kawabata	川端		2	4
	Environmental Water Use & Conservation	水利環境保全学	MI	1st	Kato	加藤		2	
	Aquatic Environmental Assessment	水環境評価学	MI	2nd	Watanabe, H.	渡邊(裕)		2	
	Environmental Chemistry of Marine Plastics (Special Lectures on Environmental Chemistry II)*	海洋プラスチックの環境化学(環境化学特別講義Ⅱ)*	MK	1st	Takada	高田		0.5	
Marine Environment (Special Lectures on Environmental Biology IV)*	海洋環境科学(環境生物学特別講義Ⅳ)*	MK	2nd	Ohji	大地		0.5		
Soil Environment 土壌環境系	Utilization of Sustainable Biological Resources	生物資源循環利用学	MI	1st	Kimura	木村	OK	2	
	Advanced Soil and Water Conservation	土壌環境保全学特論	MT	2nd	Saito	斎藤		2	
	Environmental Rehabilitation and Conservation	環境修復保全学	MI	2nd	Kohgo	向後		2	
Atmosphere and Forest Environment 大気・森林環境系	Regional Environmental Conservation Planning	地域環境計画学	MI	1st	Gomi	五味		2	
	Regional Sustainable Bio-Production Science	地域持続生物生産技術学	MI	1st	Fujii	藤井		2	
Bio-Environment 生物環境系	Utilization of Regional Biological Functions	地域生物機能利用学	MI	2nd	IEAS Faculty	MI専攻教員		2	
	Improvement of Biological Functions	生物新機能開発学	MI	2nd	Tsujimura/ Oikawa	辻村・及川		2	
	Microorganisms in Earth Environments (Special Lectures on Environmental Biology III)*	環境微生物学(環境生物学特別講義Ⅲ)*	MK	1st	Katayama	片山		0.5	
	Ecosystem Ecology (Special Lectures on Environmental Chemistry III)*	生態系生態学(環境化学特別講義Ⅲ)*	MK	1st	Koba	木庭		0.5	
Information system 情報系	Advanced Ecological Informatics	生態情報学特論	MT	2nd/e-learning	Sakai	酒井		2	
	Precision Agro-conservation	精密農業保全(農業環境工学特別講義Ⅰ)*	MT	2nd(intensive)	Shibusawa	澁澤		0.5	
Others その他	Global Atmospheric Chemistry: Its Science and Philosophy	地球大気化学:その科学と哲学	FOLENS	2nd	Hara	原		2	
	Comprehensive Agricultural Science (Comprehensive Agricultural Science II) ****	総合農学概論(総合農学概論Ⅱ)****	UGA	2nd/Intensive	TBD	未定	OK	1	
	Presentation Skill Training (International Research Presentation I)*	プレゼンテーション演習(国際研究プレゼンテーションI)*	MK	2nd/Intensive	Takada	高田	n/a	0.5	
	Special Lecture on Environmental Sciences I	環境科学特別講義Ⅰ	FOLENS	TBD	-	-	-	0.5	
	Special Lecture on Environmental Sciences II	環境科学特別講義Ⅱ	FOLENS	TBD	-	-	-	0.5	
Green Technologies グリーンテクノロジー									
	Catalytic and Fine Particle Processing Engineering (Advanced Chemical Energy Engineering II)*	触媒・微粒子工学(化学エネルギー工学特論Ⅱ)*	AC	2nd/Intensive	Kamiya, Qian, Lenggoro	神谷・銭・レンゴロ		2	
	Water/Wastewater Engineering (Advanced Chemical Environmental Engineering II)*	水/排水処理工学(環境化学工学特論Ⅱ)*	AC	1st	Hosomi, Terada	細見・寺田		2	
	Advanced Green Technology (Special Lecture on Analysis Science III)*	グリーンテクノロジー特論(物質生物計測講座特別講義Ⅲ)*	AC	1st/Intensive	Yoneda	米田		2	
	Technical English (Advanced Systems Chemical Engineering IV)*	技術英語表現法(システム化学工学講座特別講義Ⅳ)*	AC	2nd/Intensive	Yoneda	米田		2	
	Presentation Skill Training	プレゼンテーション演習	FOLENS	2nd/Intensive	TUAT and E&R Base faculties	本学・海外拠点教員	n/a	0.5	
	Special Lecture on Green Technologies	グリーンテクノロジー特別講義	FOLENS	TBD	-	-	-	0.5	
Practical Trainings 実習・演習									
	Training for Environmental Data Acquisition and Assessment	環境計測評価実習	FOLENS	2nd/Intensive	Takada, Tarao, Ozaki	高田・多羅尾・尾崎	n/a	1	1
	Green Technology Practice	グリーンテクノロジー実習	FOLENS	1st/Intensive	Yoneda	米田	n/a	1	
	Fieldwork in Rural Communities	農村社会調査実習	FOLENS	1st/Intensive	Yamada, Oikawa, Ninomiya-Lim	山田・及川・二ノ宮リム	n/a	1	
	Subjective Exercise for International Environmental and Agricultural Research	国際環境農学課題別演習	MI	2nd/Intensive	Kimura, Gomi, Watanabe, Yamada, Oikawa	木村・五味・渡邊・山田・及川	n/a	1	
	Overseas Field Training and Post-Field Reporting Seminar	海外フィールド実習&ポストフィールド報告会	FOLENS	All Year/Intensive	Ozaki, others	各担当教員・尾崎	n/a	1	
	Internship and Case Study Workshop	インターンシップ&ケーススタディワークショップ	FOLENS	All Year/Intensive	Ninomiya-Lim, others	二ノ宮リム・関連教員	n/a	1	
The total number of credits required for completion of the course 修了要件単位数(合計)									
8									
Monthly Seminar 月例セミナー									
	FOLENS Seminar (Must attend five or more FOLENS seminars in a year)	FOLENSセミナー(年に5回以上出席すること)	FOLENS	Monthly	Ninomiya-Lim, Ozaki, Yoneda, Imai	二ノ宮リム・尾崎・米田・今井	n/a		

*Written in brackets are official titles used by Departments in charge. Look for these titles when you register these subjects with SPICA.

**MI=International Environmental and Agricultural Sciences, MK=Environmental Science on Biosphere, MT=Environmental and Agricultural Engineering, MS=Studies in Sustainable and Symbiotic Society, AC=Applied Chemistry, UGA=United Graduate School