

Global Food Security Partnership Program Compulsory Courses

Global Food Security Partnership Program Compulsory Courses

Course Number	Course Name	Course Type	Credits	Standard Academic Year	Course Offering Term	Weekday and Period	Classroom	Instructor	Course Overview	Remarks
02AP001	Special Research in Bioindustrial Sciences I	3	6.0	1, 2	Annual	by request		Kazuo Watanabe, Zhen Ya Zhang, Michiyuki Ono, Yutaka Kitamura, Kouji Nakamura, Shigeki Yoshida, Hideyuki Shigemori, Toshiki Nakajima-Kambe, Yingnan Yang, Kosumi Yamada, Motoo Utsumi, Nakao Nomura, Akira Kikuchi, Makoto Kawase	生命産業科学の各専門領域に関する実験、調査、データ解析手法を具体的事例に即して習得させ、博士論文作成の指導を行う。	
02AP002	Special Research in Bioindustrial Sciences II	3	6.0	1 - 3	Annual	by request		Kazuo Watanabe, Zhen Ya Zhang, Michiyuki Ono, Yutaka Kitamura, Kouji Nakamura, Shigeki Yoshida, Hideyuki Shigemori, Toshiki Nakajima-Kambe, Yingnan Yang, Kosumi Yamada, Motoo Utsumi, Nakao Nomura, Akira Kikuchi, Makoto Kawase	生命産業科学の各専門領域に関する実験、調査、データ解析手法を具体的事例に即して習得させ、博士論文作成の指導を行う。	
02AP003	Advanced Bioindustrial Science	1	2.0	1	SprAB	Thu7, 8	2L501	Kazuo Watanabe, Makoto Kawase, Kouji Nakamura, Mito Kokawa	Omnibus topics will be given but those are related on life science industry. Participatory discussion is made to enhance active learning.	(教員追加予定) 主専攻必修科目。

Course Number	Course Name	Course Type	Credits	Standard Academic Year	Course Offering Term	Weekday and Period	Classroom	Instructor	Course Overview	Remarks
02AP004	Global Food Security Debate	1	2.0	1	Fall IABC	Thu7, 8		グローバルフードセキュリティ協働プログラム委員	<p>This debate course is aimed at enhancing common understanding among the program participating students and at bridging the food security topics with each thesis research subject. Lectures are complemented within the course by omnibus topics. Students shall understand the mutual dependence of food security at the global basis. Discussion is encouraged over world food security and sustainability for achieving UN SDGs associated with the policy and implementation plan. Topics is further focused such on devastating effects of climate change, sustainability of water resources and land uses. Also associated with agriculture aspects, further elaboration of discussion will be made such on mechanization of agriculture systems, post harvest technology, integrated pest management, crop breeding. Those topics shall be related to the research topics of each student within GFSP in order to allow participating students over deep contemplating.</p>	Identical to 02AL401, 02AM401, and 02AN401. Lectures are conducted in English.
02AP005	Global Food Security Internship	3	1.0	1, 2	Annual	by appointment		グローバルフードセキュリティ協働プログラム委員	<p>After comprehending the topics at Global Food Security Debate, internship and/or an individual study is conducted. Each student develop a plan on survey research on agricultural development, and conduct the research either by desktop or by field survey. Overseas field research is encouraged but not required. University overseas out-reach office, partnership universities and other relevant organizations would be used for the case of field survey. A presentation of the research is required.</p>	Identical to 02AL402, 02AM402, and 02AN402. Lectures are conducted in English.