

Curriculum Framework of GIP-TRIAD

	1st Semester @ University of Tsukuba (UT)			2nd Semester @ National Taiwan University (NTU)			3rd Semester @ University of Bordeaux (UBx)			4th Semester				
	Subject Name	Req.	Elect	Subject Name	Req.	Elect	Subject Name	Req.	Elect	Univ.	Subject Name	Req.	Elect	
Foundation Subjects	Introduction of Agro-Biomedical Science	1.0		Bio-Entrepreneurship Training	2.0		Job or Internship Handling including Technological Watch	1.5						
	Environmental Health Perspective	2.0												
	Entrepreneurship Training I	2.0												
	Entrepreneurship Training II	2.0												
	English in Medical Science and Technology <small>Writing Scientific Papers in English for Students of Agro-Biomedical Science and Technology</small>	1.0	1.0 or more											
Specialized Subjects I	Agro-Biomedical Science Laboratory Seminar I	1.0		Agro-Biomedical Science Laboratory Seminar II	1.0		International Scientific Seminars	1.5		UT	Internship in Japan	3.0		
	Research and Development for Agro-Biomedical Science I	3.0		Research and Development for Agro-Biomedical Science II	2.0		Integrative Unit with Omic & Bioinformatic Tools	3.0		UBx	Internship in France	15.0		
Specialized Subjects II	Basic Toxicology	1.0		Biomedical Translation Boot Camp	2.0		Field to Laboratory Practices with Data Management & Data Mining	1.5		NTU	Internship in Taiwan II	15.0		
	Critical Path Research Management	2.0		Fusion of Field and Laboratory Studies	3.0									
	Cancer Biology	2.0		Internship in Taiwan I	3.0									
	Oncology	2.0	4.0 or more	Principle and Application in Health Research Methods	3.0	8.0 or more	Water and Food Safety, Microbiological Diseases and Dietary Habits in Human Population							
	Health Care Policy and Management / Health Service Administration	2.0	2.0 or more	Environmental and Occupational Health	3.0		Nutrition, Microbiome and Immunity							
	Advanced Course on Global Food Security	2.0		Measuring Burden of Diseases: Methods and Applications	2.0		Nutrition, Physiological Regulation and Major Human Diseases							
	Advanced Food System	2.0		Molecular Nutrition	2.0		Nutrition & Health Organization in Europe	1.5	7.5 or more					
				Applied Translational Microbiology	3.0		Impact of Environmental Stresses on Crops Production	1.5						
				Cellular Network of Biological Molecules	2.0		Integrating & Advanced Plant Breeding	1.5						
				Contemporary Issues in Global Health	3.0		Green Biotechnology	1.5						
			Agriculture in Taiwan	2.0		Quality of Animal-based Foodstuff	1.5							
Others (not counted for completion)	Supplementary Japanese (non credit course)			Chinese Communication (free elective, 1 credit)			French Communication (free elective, 1 credit)							
Number of credits required	Required subjects 10.0 Elective subjects 5.0 or more Total 15.0 or more			Required subjects 7.0 Elective subjects 8.0 or more Total 15.0 or more			Required subjects 7.5 Elective subjects 7.5 or more Total 15.0 or more							

Comprehensive Research on Integrated Themes

To complete Comprehensive Report on Integrated Themes through internship and courses related to each student's research topic

Subjects on Health and Food Resources I

To acquire basic expertise of food and health to evaluate biotic effects and safety of substances

Subjects on Health and Food Resources II

To acquire technological expertise in biotic and food resources

Subjects on Health and Food Resources III

To acquire deep expertise to connect health and food resources

(Note)

- Students must acquire a total of 45 credits (120 ECTS) by taking 15 credits (30 ECTS) or more in each university.
- Students must take at least one internship subject operated by each university.
- When students' supervisors and Program Leader approve, students can take subjects not mentioned above such as subjects designed for the other programs than GIP-TRIAD in each university in accordance with their educational objectives. Credits from such subjects can be counted as elective ones from specialized subjects at UT in the 1st Semester. (Regarding whether it is applicable to both the 2nd and 3rd Semester, to be confirmed by NTU and UBx)

Minimum number of credits required

Subject Area	Credits
Foundation Subjects	7.5
Specialized Subjects I	37.5
Specialized Subjects II	45.0
Total	90.0

When studying at UT in the 4th Semester (By subject area)

Subject Area	Credits
Foundation Subjects	7.5
Specialized Subjects I	37.5
Specialized Subjects II	45.0
Total	90.0

When studying at NTU in the 4th Semester (By subject area)

Subject Area	Credits
Foundation Subjects	7.5
Specialized Subjects I	37.5
Specialized Subjects II	45.0
Total	90.0

When studying at UBx in the 4th Semester (By subject area)

Subject Area	Credits
Foundation Subjects	7.5
Specialized Subjects I	52.5
Specialized Subjects II	60.0
Total	120.0

Awarding Institution

Awarding Institution	Credits
University of Tsukuba	15.0
National Taiwan University	15.0
University of Bordeaux	30.0
Total	60.0

Awarding Institution

Awarding Institution	Credits
University of Tsukuba	15.0
National Taiwan University	15.0
University of Bordeaux	15.0
Total	45.0

Awarding Institution

Awarding Institution	Credits
University of Tsukuba	15.0
National Taiwan University	15.0
University of Bordeaux	15.0
Total	45.0