

1. Course Title (Course Code)

Specific Theme Study A (2252)

2. Instructor

A member of Faculty

3. Term

Fall 3 - Spring 3 (M1 students only)

4. Outline and Objectives

1. Research activities

This subject is taught in research activities. Students will have the opportunity of finding a research subject to pursue. The topic selected during this course will be continued in the 2nd year in “Specific Theme Study B”.

2. Improvement of basic academic skills and basic IT skills

This subject is taught in a participatory style in small groups and with individualized guidance, tailored to individual requirements, to balance the effect of classroom lectures that sometimes tend to be taught in a one-way manner. The objective is to enhance the academic skills and basic IT skills of each student.

3. Improvement of human skills

In addition to academic skills, various human skills required by the society, like communication, common sense behavior, proper word usage, presentations, writing etc. will be improved.

5. Goals (Attainment Targets)

- (1) Identify a theme of research to be explored in the “Specific Theme Study B”.
- (2) Acquire the academic skills and the IT skills that are necessary for the research theme.
- (3) Improve the human skills that the real world demands.

6. Teaching method

Students enjoy personalized and collaborative learning experiences that includes supervision and support at all stages of the research activities. A range of seminars, workshops, and professional development opportunities will support them during their research journey. However, you should meet with your supervisor at least once a week. The meeting time of the course depends on each laboratory.

7. Correspondence relationship between Educational goals and Course goals

Educational goals			Course goals
High level ICT skill	Basic academic skills		(2)
	Specialized knowledge and literacy		
Human skill (Tankyu skill)	Ability to continually improve own strengths		(1), (3)
	Ability to discover and resolve the problem in society	Problem setting	(1)
		Hypothesis planning	(1)
		Hypothesis testing	
		Practice	
	Fundamental Competencies for Working Persons	Ability to step forward	(1), (3)
		Ability to think through	(1), (3)
		Ability to work in a team	(3)
Professional ethics			(2)

8. Course Requirements

Tankyu Practice

9. Textbooks

None

10. Reference Books

To be announced by your supervisor.

11. Evaluation

Goals	Evaluation method & point					
	term-end exam	quiz	report	presentation	deliverable	other
(1)				○	○	○
(2)				○	○	○
(3)				○	○	○
Allocation				40	30	30

12. Notes

This is a mandatory subject, thus all students are required to take it. Students who fail this subject will not be issued “Certificates of Expected Graduation”. Such students also cannot proceed to the 2nd year.

The actual starting date of the course depends on each laboratory. The final presentation will be scheduled in July.

13. Assignment of Laboratory

1. Students will be assigned to a laboratory at the start of the course.
2. The assignments are determined as follows:
 - 2-1. The laboratories are introduced to the students
 - 2-2. Each student lists laboratories in their desired precedence order
 - 2-3. The assignments are decided based on these lists, but also taking into account the students' characteristics, their career plans, the suitability of the desired research topics to them etc.

14. Research Outcomes Seminar

1. Objective

Specific Theme Study A offers students an opportunity to identify other their research theme and to acquire the academic skills, the IT skills and the human skills through practical activities. In this seminar, students will present their activities and their outcomes.

2. Method

- 1) The research theme needs to be discussed with your supervisor.
- 2) The presentation shall include contents like follow.
 - Topic, background and a social issue to solve for the reseach. (Include "Tankyu Chart", if possible)
 - Your activities with the Specific Theme Study A.
 - Your outcomes, contributions and future works.
- 3) The presentation file needs to be submitted one week before the seminar. Make practice the presentation.

3. Date

The seminar will be held in July.

4. Information

You can find information about this seminar from Moodle.