# Overview of Research Instruction Graduate School of Engineering and Science, University of the Ryukyus

## [Master's Program]

Year	Month	Activity
1st year	Apr	Discuss with the student and select/confirm the main research theme
	*(Oct)	and create a "Research Instruction Plan" document.
	Apr~	The student acquires specialized and comprehensive knowledge
	*(Oct~)	through taking classes.
		Instruct experiments, surveys, and data collection methods related to
		the main theme and related themes according to the research plan.
		Provide guidance on research direction and analytical methods to
		foster research skills and techniques, through presentation and report
		of the research outcome obtained, in seminars, conferences, etc.
		* Repeat this process as necessary.
2 <sup>nd</sup> year	Apr	Review and confirm the main research theme and methods, etc. with
	*(Oct)	the student as necessary, and create a "Research Instruction Plan"
		document.
	Jul~Dec	Confirm student's research progress
	*(Jan~June)	Conducted through conference presentations or interim report
		meetings where the supervising instructor and related faculty members
		participate.
		Provided guidance for Master's thesis based on research progress and
		the status of acquired credits/units.
	Jan∼Feb	Submit a master's thesis application with the permission of his/her
	*(Jul~Aug)	academic supervisor. The master's thesis review and final exam are
		conducted.
	March	Degree conferral
	*(Sep)	

<sup>\*</sup>For students enrolled in October.

#### **Overview of Research Instruction**

# Graduate School of Engineering and Science, University of the Ryukyus

## [Doctoral Program]

Year	Month	Activity
1st year	Apr	Discuss with the student and select/confirm the main research theme and create
	*(Oct)	a "Research Instruction Plan" document.
	Apr∼	The student acquires specialized and comprehensive knowledge through taking
	*(Oct∼)	classes.
		Instruct experiments, surveys, and data collection methods related to the main
		theme and related themes according to the research plan.
		Provide guidance on research direction and analytical methods to foster
		research skills and techniques, through presentation and report of the research
		outcome obtained, in seminars, conferences, etc.
		* Repeat this process as necessary.
	Jan∼Mar	Confirm student's research progress (including conference presentations and
	*(Jul∼Sep)	research progress reports)
2 <sup>nd</sup> year	Apr	Review and confirm the main research theme and methods, etc. with the student
	*(Oct)	as necessary, and create a "Research Instruction Plan" document.
	~Dec	Confirm student's research progress
	*(∼Jun)	Conducted through conference presentations or interim report meetings where
		the supervising instructor and related faculty members participate.
	Jan~Mar	Confirm student's research progress (including conference presentations and
	*(Jul∼Sep)	research progress reports).
3 <sup>rd</sup> year	Apr	Review and confirm the main research theme and methods, etc. with the student
	*(Oct)	as necessary, and create a "Research Instruction Plan" document.
	Jul	Confirm the student's intention to apply for a degree based on his/her research
	*(Jan)	progress including peer-reviewed papers and conference presentations, with
		discussion between the student and supervising instructor.
		Confirm earned academic credits/units.
	Sep~Dec	The student applies for preliminary examination for degree.
	*(Mar~Jun)	Conduct preliminary examination for degree.
	Jan∼Feb	The student, with the permission of relevant faculty members (supervisors,
	*(Jul~Aug)	chief and sub-examiners, and faculty members of the degree examination
		committee), submits his/her application for degree (submission of doctoral
		dissertation) and undergoes the doctoral dissertation examination (including a
		public doctoral defense) and final examination.
	Mar *(Sep)	Degree conferral

<sup>\*</sup>For students enrolled in October.