

**52. Thesis (PH050IU)**

Course designation	<i>The topics of the thesis focus on space engineering, especially satellite technology and satellite application. Students have a deep understanding about theoretical knowledge and application. Students will also become familiar with research topics, ways of argument and making points according to the research process, which will help them develop a more academic perspective</i>
Semester(s) in which the course is taught	1, 2
Person responsible for the course	Assoc. Prof. Phan Bảo Ngọc Dr. Phan Hiền Vũ MSc. Lê Thị Quế
Language	English
Relation to curriculum	Compulsory
Teaching methods	Project
Workload (incl. contact hours, self-study hours)	12 weeks (450 hours)
Credit points/ECTS	10 credits/16.4 ECTS
Previous Course	- Successfully finish at least 90% over the total numbers of credits of the academic program - Do not be under any academic warning



Course learning outcomes	Upon the successful completion of this course students will be able to:	
	Competency level	Course learning outcome (CLO)
	Skill	CLO1. Perform experiments, analyze data, interpret results, and make conclusions for a practical problem. CLO2. Show abilities of effective written and oral communication
	Attitude	CLO3. Show an understanding of the role and responsibility of an engineer in society. CLO4. Show abilities of further self-learning and lifelong learning. CLO5. Show an awareness of the legal issues and responsibilities, the commitment to professional ethics and responsibilities, and the norms of developing and using software.
Content	The topic is in two fields: - Space Science - Space Engineering	
Examination forms	Thesis report and presentation	
Study and examination requirements	Following the Thesis Guideline of Department of Physics	
Reading list	<i>Depending on the topic</i>	