

**50. Research Project (PH042IU)**

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| Course designation  | <i>This course provides the research project for students, which improves their skills in doing research and has experience in a practical project.</i> |
| Semester(s) in which the course is taught                     | 1, 2  |
| Person responsible for the course                             | Assoc. Prof. Phan Bảo Ngọc<br>Dr. Phan Hiền Vũ<br>MSc. Lê Thị Quế   |
| Language  | English   |
| Relation to curriculum  | Compulsory  |
| Teaching methods  | Project   |
| Workload (incl. contact hours, self-study hours)              | 12 weeks (180 hours)  |
| Credit points/ECTS  | 4 credits/6.56 ECTS   |
| Required and recommended prerequisites for joining the module | None  |



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|------------------------------------|---|--|
| Course learning outcomes           | Upon the successful completion of this course students will be able to:   |  |
|                                    | <b>Competency level</b>   | <b>Course learning outcome (CLO)</b>   |
|                                    | Skill   | CLO1. Perform experiments, analyze data, and interpret results to get practical experience in working<br>CLO2. Cooperate effectively in a team.<br>CLO3. Show abilities of effective written and oral communication.   |
|                                    | Attitude  | CLO4. Show the understanding of the role and responsibility of an engineer in society.<br>CLO5. Show abilities of further self-learning and lifelong learning.<br>CLO6. Show the awareness of the legal issues and responsibilities, the commitment to professional ethics and responsibilities, and the norms of developing and using software. |
| Content                            | A group of four or five students choose one of the research projects assigned by professors. The topic is in two fields:<br>- Space Science<br>- Space Engineering  |  |
| Examination forms                  | Report and presentation   |  |
| Study and examination requirements | Attendance: A minimum attendance of 80 percent is compulsory for the class sessions. Students will be assessed on the basis of their class participation. Questions and comments are strongly encouraged.<br>Assignments/Examination: Students must have more than 50/100 points overall to pass this course. |  |
| Reading list                       | <i>No textbook required</i>   |  |