



**T-829-GRO1**

**GRADUATE RESEARCH OPPORTUNITIES I**

**6 ECTS**

<b>Year of study:</b>	First or second year MSc.
<b>Semester:</b>	Fall/Spring.
<b>Level of course:</b>	Second cycle, advanced.
<b>Type of course:</b>	Elective for all MSc programs in engineering.
<b>Prerequisites:</b>	Approval of course supervisors.
<b>Schedule:</b>	As decided by course supervisors.
<b>Supervisor:</b>	Eyjólfur Ingi Ásgeirsson and respective program director.
<b>Lecturer:</b>	Department of Engineering faculty.

**Learning outcome:** The main objectives are to introduce research within RU to students, deepen their understanding of a particular research area and give opportunities to students to start their research career.

**Content:** T-829-GRO1 is available only for outstanding students that are interested in academic research. Students can apply for graduate research positions advertised by faculty, or suggest research projects to the appropriate faculty advisor. Once advisors and students agree on a project, the student must prepare a 1-3 page project proposal, which is submitted to the respective program director for approval. Students are not allowed to receive any monetary payments for their work, and the project must be within RU. The research project can either be a single independent project or a part of a larger research project.

**Reading material:** As decided by faculty advisor.

**Teaching and learning activities:** Independent work, under the supervision of an advisor.

**Assessment methods:** Pass/Fail.

**Language of instruction:** Icelandic/English.

**All course descriptions may be subject to change.** Revised information on the course schedule, reading material, teaching and learning activities, and assessment methods will be introduced in the learning management system Canvas at the beginning of the semester.



**T-829-GRO2**

**GRADUATE RESEARCH OPPORTUNITIES II**

**6 ECTS**

<b>Year of study:</b>	First or Second year MSc.
<b>Semester:</b>	Fall/Spring.
<b>Level of course:</b>	Second cycle, advanced.
<b>Type of course:</b>	Elective for all MSc programs in engineering.
<b>Prerequisites:</b>	Graduate Research Opportunities I (T-829-GRO1). Approval of course supervisors.
<b>Schedule:</b>	As decided by course supervisors.
<b>Supervisor:</b>	Eyjólfur Ingi Ásgeirsson and respective program director.
<b>Lecturer:</b>	Department of Engineering faculty.

**Learning outcome:** The main objectives are to introduce research within RU to students, deepen their understanding of a particular research area and give opportunities to students to start their research career.

**Content:** T-829-GRO2 is available only for outstanding students that are interested in academic research. T-829-URO2 is used for larger projects, i.e. only in the exceptional cases where projects cover more than 6 ETCS units in a single semester. Students can apply for graduate research positions advertised by faculty, or suggest research projects to the appropriate faculty advisor. Once advisors and students agree on a project, the student must prepare a 1-3 page project proposal, which is submitted to the respective program director for approval. Students are not allowed to receive any monetary payments for their work, and the project must be within RU. The research project can either be a single independent project or a part of a larger research project.

**Reading material:** As decided by faculty advisor.

**Teaching and learning activities:** Independent work, under the supervision of an advisor.

**Assessment methods:** Pass/Fail.

**Language of instruction:** Icelandic/English.

**All course descriptions may be subject to change.** Revised information on the course schedule, reading material, teaching and learning activities, and assessment methods will be introduced in the learning management system Canvas at the beginning of the semester.