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| <i>Course title</i> | <i>Geothermal Heat and Power Production</i> |
| <i>Course code</i> | <i>IP 406</i> |
| <i>Module coordinator</i> | <i>Miriam Heinrich</i> |
| <i>Lecturer</i> | <i>Dr. Johannes Gottlieb</i> |
| <i>Level of course</i> | <i>Master</i> |
| <i>Recommended prerequisites</i> | <i>high school math and physics</i> |
| <i>Type of course</i> | <i>Lecture</i> |
| <i>Weekly lecture hours (SWS)</i> | <i>2</i> |
| <i>ECTS credits</i> | <i>2</i> |
| <i>Workload</i> | <i>In total 60h, 30h course attendance, 30h self-study</i> |
| <i>Assessment (grading; pass/fail)</i> | <i>graded</i> |
| <i>Regular cycle</i> | <i>Each semester</i> |
| <i>Language of instruction</i> | <i>English</i> |
| <i>Contents:</i> | <i>The students get an overview about the geological, technical, infrastructural and commercial aspects of initiating, building and running geothermal heat and power plants. We consider exemplified in different countries and continents.</i> |
| <i>Learning outcome (competencies):</i> | <i>After having success fully completed the course, the students should</i> <ul style="list-style-type: none"> <i>• Know the main geothermal reservoirs of the Earth</i> <i>• Understand main steps of developing geothermal resources</i> <i>• Be able to make rough assessments of profitability of geothermal resources</i> |
| <i>Teaching methods</i> | <i>X Lecture x Group work</i> <i>X Exercises x Simulation</i> <i><input type="checkbox"/>Video feedback <input type="checkbox"/>Others:</i> |
| <i>Assessment methods</i> | <i>Written Exam</i> |
| <i>Recommended reading</i> | <i>Will be announced during lectures</i> |
| <i>Additional information</i> | <i>See Internet</i> |
| <i>Recognition of credits</i> | |