<table>
<tr><td>COURSE NAME</td><td colspan="5">Mathematics in Action</td></tr>
<tr><td>Code</td><td>PMM710</td><td>Year of study</td><td colspan="3">2nd year of graduate study</td></tr>
<tr><td>Course teacher</td><td></td><td>Credits (ECTS)</td><td colspan="3">5</td></tr>
<tr><td rowspan="2">Associate teachers</td><td rowspan="2"></td><td rowspan="2">Type of instruction (number of hours)</td><td>L</td><td>S</td><td>E</td><td>F</td></tr>
<tr><td></td><td></td><td></td><td>176</td></tr>
<tr><td>Status of the course</td><td>ELECTED COURSE</td><td>Percentage of application of e-learning</td><td colspan="3">0%</td></tr>
<tr><td colspan="6">COURSE DESCRIPTION</td></tr>
<tr><td>Course objectives</td><td colspan="5">To enable students to work alongside professionals and employers. To encourage students to look at different options for their future careers.</td></tr>
<tr><td>Course enrollment requirements and entry competences required for the course</td><td colspan="5">There will be a selection process with interviews and tests.</td></tr>
<tr><td>Learning outcomes expected at the level of the course (4 to 10 learning outcomes)</td><td colspan="5">At the end of this course, students should be able to:
Apply mathematical theory and methods in the industry
Recognize important problems in the industry
Understand and interpret common work flows and methods from the industry
Be able to derive new insights, concepts or methods important for the industry</td></tr>
<tr><td>Course content</td><td colspan="5">Field work will be conducted at partner’s premises and will have a duration of 22 full work days or 176 hours. The schedule will be arranged in agreement with both supervisors. In the first week the student will be introduced to the usual work flow of the hosting institution while the rest of his time will be spent on the weekly or bi-weekly project based tasks.</td></tr>
<tr><td>Format of instruction</td><td colspan="5">Field work</td></tr>
<tr><td>Student responsibilities</td><td colspan="5">Students are obliged to be at their workplace and work according to employers instructions.</td></tr>
<tr><td>Screening student work</td><td colspan="5">Regular oral reports with the final written report (5)</td></tr>
<tr><td>Grading and evaluating student work in class and at</td><td colspan="5">Students will be graded by their official supervisor from the university and additionally by supervisors from the industry. Getting both grades as positive leads to successful completion of the course. Final grade is of descriptive nature.</td></tr>
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the final exam	
Required literature (available in the library and via other media)	
Optional literature (at the time of submission of study programme proposal)	
Quality assurance methods that ensure the acquisition of exit competences	Detailed statistics of student results, gathering feedback from students through official questionnaires and student's self-evaluation.
Other (as the proposer wishes to add)	