### MICRO-582  Interdisciplinary project

**Profs divers**

<table>
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<tr>
<th>Cursus</th>
<th>Sem.</th>
<th>Type</th>
<th>Language</th>
<th>Credits</th>
<th>Withdrawal</th>
<th>Session</th>
<th>Semester</th>
<th>Exam</th>
<th>Workload</th>
<th>Weeks</th>
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<tr>
<td>Robotique</td>
<td>MA1, MA2, MA3, MA4</td>
<td>Obl.</td>
<td>English</td>
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<td>Winter, Summer</td>
<td>Fall</td>
<td>During the semester</td>
<td>300h</td>
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#### Summary
The student applies the acquired skills in an engineering or a research project having a strong interdisciplinary dimension, interacting with students or professionals from other domains.

#### Content
Students are asked to run an engineering or a research project integrating several robotics aspects and interacting with specialists of other domains. This project allows them to practice and improve their coordination, communication and engineering skills on interdisciplinary projects related to robotics, and experience a project environment in a team of specialists coming from various disciplines.

#### Learning Outcomes
By the end of the course, the student must be able to:
- Develop an individual sub-project in a larger interdisciplinary project
- Apply skills to a specific subject
- Coordinate actions with specialists of other domains
- Assess / Evaluate the results
- Compose a written scientific report of a project
- Present a project orally for a scientific interdisciplinary audience
- Develop expertise in a specific research area and get an overview on areas from other disciplines
- Represent data in a consistent and effective manner

#### Assessment methods
Continuous evaluation (report)