



## Master's thesis (30 ECTS)

MT\_78

<b>Working Title</b>	Characterization of soft rocks
<b>Project objectives</b>	Many engineering problems in geotechnics can be linked to excavations in hard soils or soft rocks (HSSR). Challenges already arise within the characterization of the material in situ, which is fundamental for all (numerical) calculations. This thesis should include: a literature study considering (in situ) characterization methods of weak rocks especially face mapping, a comparison of existing guidelines regarding classification methods of HSSR.
<b>Student has enthusiasm for</b>	Geological mapping, material science
<b>Requirements on student</b>	Attention to detail, engagement, good writing
<b>Start (earliest / latest)</b>	April 2021
<b>Project term (min. / max.)</b>	6 months full-time
<b>Coop. with external institution</b>	no
<b>Possibility of remuneration</b>	no
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PDF on  
[tunnel.tugraz.at](https://tunnel.tugraz.at):

