## [PERSON, MODULE]

degModules' = degModules

```
ModuleReg\_
students: \mathbb{P} \ PERSON
degModules: \mathbb{P} \, MODULE
taking: PERSON \leftrightarrow MODULE
\mathrm{dom}\;taking\subseteq students
\operatorname{ran}\,taking\subseteq degModules
AddStudent
\Delta ModuleReg
p?: PERSON
p? \not\in students
students' = students \cup \{p?\}
degModules' = degModules
taking' = taking
RegForModule \_
\Delta Module Reg
p?: PERSON
m?:MODULE
p? \in students
m? \in degModules
p? \mapsto m? \not\in \mathit{taking}
taking' = taking \cup \{p? \mapsto m?\}
students' = students
```