upm - first year

upm - second year

Sem	Module	Title	ECTS	
	EMSE-VV	Verification and Validation	6	annual grade
	EMSE-RDSS	Requirements Design of Software Systems	6	annual grade
1	**EMSE-SPPM**	Software Project Management	8	grade
	EMSE-TS	Software Economics	3	grade
	EMSE-ESER	Empirical Software Engineering Research	4	annual grade
	EMSE-TS	Advanced Software Economics	3	
			semester	**30**

Module	Title	ECTS	
EMSE-TS	Data Engineering	4	grade
EMSE-FC	Free choice (see the list)	12	grade
EMSE-I	Internship	14	pass or fail
		semester	**30**

Sem	Module	Title	ECTS	
	EMSE-VV	Software Quality Management	4	-
	EMSE-RDSS	Requirements Design of Software Systems	8	-
2	**EMSE-ESER**	Empirical Software Engineering Research	6	-
	EMSE-TS	Interaction Design	6	grade
	EMSE-ATSE	Advanced Topic in Software Engineering	6	grade
			semester	**30**
			year	**60**

Title	ECTS	
Thesis	30	
	semester	**30**
	year	**60**