

1st SEMESTER						
CODE	COURSE	T	P	CREDIT	ECTS	
MATH151	Calculus 1 (Compulsory for Social Sciences graduates only)	3	0	3	7.5	
PA510	Sustainability Policy	3	0	3	7.5	
PA511	Global Development	3	0	3	7.5	
PA521	Probability and Statistics	3	0	3	7.5	
GCC1001	Introduction to Scientific Research	3	0	3	7.5	

2nd SEMESTER						
CODE	COURSE	T	P	CREDIT	ECTS	
IE534	Risk Modeling, Assessment and Management	3	0	3	7.5	
IE511	Modeling and Optimization	3	0	3	7.5	
IE526	Big Data Analytics	3	0	3	7.5	
PA512	Global Migration	3	0	3	7.5	
PA513	Environmental Policy: Theory and Practice	3	0	3	7.5	
PA522	System Dynamics and Simulation	3	0	3	7.5	

3rd SEMESTER						
CODE	COURSE	T	P	CREDIT	ECTS	
PA 500	Seminar	0	2	0	5	
PA 599	Master's Thesis	0	1	0	45	
PA 597	Specialized Course	4	0	0	10	

4th SEMESTER						
CODE	COURSE	T	P	CREDIT	ECTS	
PA 599	Master's Thesis	0	1	0	45	
PA 597	Specialized Course	4	0	0	10	