## **Effective Programming Practices for Economists** MA ECON AM ECS EFFPROPE



Content and learning o	utcome						
Content	This course introduces stud	dents to s	oftware develo	pment meth	nods th	at will	substan-
	tially reduce their time spent programming while at the same time making their pro-						
	grams more dependable and their results reproducible without extra effort. The						
	course draws extensively on some simple techniques that are the backbone of mod-						
	ern software development, which most economists are simply not aware of. It shows						
	the usefulness of these techniques for a wide variety of economic and econometric						
	applications by means of hands on examples.						
Learning outcome	Students acquire the programming and software development skills required to man-						
	age complex research projects and to make the results reproducible.						
Teaching and learning r	nethods						
Type of course/	Торіс		Language of	Group	Conta		Workload
learning methods			instruction	size	tim	-	[h]
Lecture	Effective Programming Pr	actices	English	30	4 hou	ırs	60
	for Economists						4.6.5
Self-study							165
Prerequisites							
obligatory	none						
recommended	Basic Module Econometric	s					
Degree program allocat	tion						
Study Program/Study Field/Module Number/			ure Number obligatory elective				
Study Program/Stu	udy Field/Module Number/	Lecture N	umber	-	• •	Se	mester
Economics (M.Sc.)/Econ	ometrics and Statistics, Man	agement	and Applied	electiv	ve	Se	
Economics (M.Sc.)/Econ Microeconomics,	ometrics and Statistics, Man Economic Research/321230	agement 26/33202	and Applied	-	ve	Se	mester 2 <sup>nd</sup>
Economics (M.Sc.)/Econ Microeconomics, Exp	ometrics and Statistics, Man Economic Research/321230 ort*/332192326/332023026	agement 26/33202 5	and Applied	electiv	ve		2 <sup>nd</sup>
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\* export into other study programs is only possible if contract between faculties exists