Computational Statistics MA ECON AM ECS COMPSTAT			UNIVERSITÄT BONN			
Content and learning outcome						
Content	The course explains ideas and methodological issues of computationally intensive statistical methods. There will be a special emphasis on algorithmic and numerical aspects of practical implementation.					
Learning outcome	Successful students are able to solve methodological, numerical and algorithmic problems encountered in empirical work.					
Teaching and learning methods						
Type of course/ learning methods	Торіс		Language of instruction	Group size	Conta time	ct Workload [h]
Lecture	Computational Statis	tics	English	30	4 hou	rs 60
Self-study						165
Prerequisites						
obligatory	none					
recommended Basic Module <i>Econometrics</i>						
Degree program allocation						
Study Program/Study Field/Module Number/Le			cture Number		obligatory/ elective	
Study Program/Stu	udy Field/Module Number/	Lecture N	lumber	obligato electiv	ry/ e	Semester
Study Program/Stu Economics (M.Sc.)/Eco	udy Field/Module Number/ onometrics & Statistics/332	Lecture N 125033/3	l umber 32025033	obligato electiv electiv	ry/ re e	Semester 2 nd
Study Program/Stu Economics (M.Sc.)/Eco Expo	udy Field/Module Number/ onometrics & Statistics/332 ort*/332025033/332020503	Lecture N 125033/3 33	lumber 32025033	obligato electiv electiv	ry/ e	Semester 2 nd
Study Program/Stu Economics (M.Sc.)/Eco Expo Requirements for the a	udy Field/Module Number/ onometrics & Statistics/332 ort*/332025033/332020503 warding of credit points	Lecture N 125033/3 33 (ECTS)	l umber 32025033	obligato electiv electiv	ry/ /e	Semester 2 nd Credits
Study Program/Stu Economics (M.Sc.)/Eco Expo Requirements for the a Prerequisites for participation	udy Field/Module Number/ onometrics & Statistics/332 ort*/332025033/332020503 warding of credit points none	Lecture N 125033/3 33 (ECTS)	l umber 32025033	obligato electiv electiv	ry/ /e e	Semester 2 nd Credits
Study Program/Stu Economics (M.Sc.)/Eco Expo Requirements for the a Prerequisites for participation Types of Assessment Examination language	udy Field/Module Number/ onometrics & Statistics/332 ort*/332025033/332020503 warding of credit points none Written or oral exam or te English	Lecture N 125033/3 33 (ECTS) rm paper	lumber 32025033 (graded, 100%)	obligato electiv electiv	ry/ e	Semester 2 nd Credits 7,5 CP
Study Program/Stu Economics (M.Sc.)/Eco Expo Requirements for the a Prerequisites for participation Types of Assessment Examination language Course Cycle	udy Field/Module Number/ onometrics & Statistics/332 ort*/332025033/332020503 warding of credit points none Written or oral exam or te English	Lecture N 125033/3 33 (ECTS) erm paper	lumber 32025033 (graded, 100%) orkload	obligato electiv electiv	ry/ e Durat	Semester 2 nd Credits 7,5 CP
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Study Program/Stu Economics (M.Sc.)/Eco Expo Requirements for the a Prerequisites for participation Types of Assessment Examination language Course Cycle Winter term Summer term Module coordination	ady Field/Module Number/ onometrics & Statistics/332 ort*/332025033/332020503 warding of credit points none Written or oral exam or te English Winter and Summer term	Lecture N 125033/3 33 (ECTS) erm paper W	lumber 32025033 (graded, 100%) orkload 225 h	obligato electiv electiv	ry/ e Durat	Semester 2 nd Credits 7,5 CP
Study Program/Stu Economics (M.Sc.)/Eco Expo Requirements for the a Prerequisites for participation Types of Assessment Examination language Course Cycle Winter term Summer term Module coordination Teaching person	ady Field/Module Number/ onometrics & Statistics/332 ort*/332025033/332020503 warding of credit points none Written or oral exam or te English Winter and Summer term	Lecture N 125033/3 33 (ECTS) erm paper W	lumber 32025033 (graded, 100%) orkload 225 h	obligato electiv	ry/ e Durat	Semester 2 nd Credits 7,5 CP tion
Study Program/Stu Economics (M.Sc.)/Eco Expo Requirements for the a Prerequisites for participation Types of Assessment Examination language Course Cycle Winter term Summer term Module coordination Teaching person Module coordinator	ady Field/Module Number/ onometrics & Statistics/332 ort*/332025033/332020503 warding of credit points none Written or oral exam or te English Winter and Summer term See https://basis.uni-bonr Prof. Dr. Alois Kneip	Lecture N 125033/3 33 (ECTS) erm paper W n.de	lumber 32025033 (graded, 100%) orkload 225 h	obligato electiv	ry/ e Durat	Semester 2 nd Credits 7,5 CP tion
Study Program/Stu Economics (M.Sc.)/Eco Expo Requirements for the a Prerequisites for participation Types of Assessment Examination language Course Cycle Winter term Summer term Module coordination Teaching person Module coordinator Institute/Department	ady Field/Module Number/ onometrics & Statistics/332 ort*/332025033/332020503 warding of credit points none Written or oral exam or te English Winter and Summer term See https://basis.uni-bonr Prof. Dr. Alois Kneip Department of Economics	i <mark>Lecture N</mark> 125033/3 33 (ECTS) erm paper W n.de	lumber 32025033 (graded, 100%) orkload 225 h	obligato electiv	ry/ e Durat	Semester 2 nd Credits 7,5 CP
Study Program/Stu Economics (M.Sc.)/Eco Expo Requirements for the a Prerequisites for participation Types of Assessment Examination language Course Cycle Winter term Summer term Summer term Module coordination Teaching person Module coordinator Institute/Department Further Information	ady Field/Module Number/ onometrics & Statistics/332 ort*/332025033/332020503 warding of credit points none Written or oral exam or te English Winter and Summer term See https://basis.uni-bonr Prof. Dr. Alois Kneip Department of Economics	Lecture N 125033/3 33 (ECTS) erm paper W	lumber 32025033 (graded, 100%) orkload 225 h	obligato electiv	ry/ e Durat	Semester 2 nd Credits 7,5 CP tion

* export into other study programs is only possible if contract between faculties exists