

1	Module name MSE-2910	Technological Change and the Labour Market	5 ECTS
2	Courses/lectures	Seminar: Technological Change and the Labor Market (2 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Melanie Arntz	
4	Module coordinator	Prof. Arntz	
5	Contents	This seminar examines the intersection of technological change and the labour market, exploring how advances in technology impact employment, wages, inequality, and the nature of work. The course draws on theoretical frameworks and empirical evidence from top peer-reviewed journals to provide a comprehensive understanding of these dynamics.	
6	Learning objectives and skills	<p>The objective of this seminar is to</p> <ul style="list-style-type: none"> • understand the mechanisms through which technological change influences the labour market. • analyze empirical studies and critically evaluate their methodologies and findings. • discuss the implications of technological change for labour market policies and institutions. • develop skills to synthesize research findings and present coherent arguments in written and oral forms. • learn how to discuss presentations of fellow students and provide constructive feedback • 	
7	Prerequisites	Solid knowledge in micro- and macroeconomics, labour economics and econometrics	
8	Integration in curriculum	3. semester	
9	Module compatibility	Master Economics, elective course: Labor Economics Master Arbeitsmarkt und Personal: Wahlbereich Master Sozialökonomik: freier Vertiefungsbereich	
10	Method of examination	Three reading responses (short paper presentations in small groups) throughout the semester, active course participation, - seminar paper including presentation	
11	Grading procedure	The final grade is based on the seminar paper (60%), its presentation (20%) and an overall performance assessment for the participation in the classroom including the reading responses/presentations (20%), each of which need to be passed in order to pass the course.	
12	Module frequency	Annually in the summer term	
13	Workload	<p>Presence: 30 hours. Note: part of these hours will take place throughout the semester (3 dates, each 3 hours) while the rest will take place at the end of the semester (1.5 days)</p> <p>Independent study: 120 hours</p>	
14	Module duration	1 semester	
15	Teaching and examination language	English	
16	Recommended reading	To be announced	