

Study plan for exchange period at NTU (and additional disciplines of my interest)

Required courses for spring semester 2023 at MSU

NTU					MSU
College of Engineering	Department of Mechanical Engineering	Solid Mechanics	Theory	Energy Methods in Solid Mechanics	↔ Research Seminar on Solid Mechanics
				Finite Element Method	Special course at the student's choice
				Intermediate Dynamics	↔ Dynamics of Systems of Solids with Friction
				Stress Waves in Solids	
			Sim.	Introduction to the Finite Element Method	↔ Computer workshop
		System Control	Theory	Cardiovascular Bioengineering	
			Sim.	Linear Control Systems	
				System Dynamics	
		General		The path from innovation concept to mass production	
				Research Implementation and Results Publication	
	Institute of Applied Mechanics	Elective Courses		Introduction to Implantable Wireless Biomedical Systems	Special course in a foreign language (English)
				Implantable Wireless Biomedical Systems I	
				Introduction to microcontinuum mechanics	
				Design and Fabrication of Opto-mechatronic Systems	↔ Vision of robots and living organisms
				Bio-optoelectronic Measurements	
COLLEGE OF SOCIAL SCIENCES DEPARTMENT OF ECONOMICS			Topics in Economics and Econometrics	↔ The Economy	
DEPARTMENT OF MEDICINE			Introduction to Philosophy	↔ Philosophy	
NTU ACADEMIC WRITING EDUCATION CENTER			English Presentations for Academic Purposes	↔ Foreign Language: Reporting and Discussion Techniques	