Production to Studies and Profession	Metropolia UAS Degree Program	me in Energy and Environmental Technology 1.12.2023		-												
Total your of study. Orientation and off interduction to Studies and Perfectsion Find Studies and Studies and Studies and Studies of Studies and Studies (Communication Studies (Communication Find Studies (Communication Find Studies)) For Communication Find Studies (Communication Studies) Fundamentation of Private Find Studies (Communication Find Studies) Fundamentation of Private Find Studies (Communication Find Studies) Fundamentation of Private Fundamentation Find Studies (Communication Find Studies) Fundamentation of Private Fundamentation Find Studies (Communication Find Studies) Fundamentation of Private Fundamentation Find Studies (Communication Find Studies) Fundamentation of Private Fundamentation Find Studies (Communication Find Studies) Fundamentation of Private Fundamentation Find Studies (Communication Find Studies) Fundamentation of Private Fundamentation Find Fundamentation Find Fundamentation Fundam	Metropolia UAS Degree Program	me in Energy and Environmental Technology 1.12.2023				ent	able energy production technologies	and sustainable development	n water	gy efficiency		orkplace		elopment		pment
fall year of study. Printestion and Introduction to Studies and Profession of subject of				Strong mathemati	Good skills of inte	Project managem	and	Circular economy	Production of clea	$\overline{}$	t	ing in a	Ethics		nality	
Industrial Business Enginocing Seeded / Finnish as a Social Language: Finnish at Work Enginocing Physics Enginocing Physics Enginocing Physics Enginocing Physics Applications. Programming and Reportage Basics of Energy and Environmental Technology Basic studies of Energy and Environmental Engineering Basics of Energy and Environmental Engineering This state of Energy and Environmental Engineering Basics of Energy and Environmental Engineering This state of Energy and Environmental Engineering Beasing of Engineering Engineering Engineering Engineering Beasing of Wilding Engineering (Energy Production Technologies) Fundamentals of Power Plant Engineering (Engry Production Technologies) Beasing of Wilding Engineering and Mandacuting morbods Water and Waster Treatment Technologies (Environmental Engineering) Beasing of Wilding Engineering and Mandacuting morbods Beasing of Wilding Engineering Production Technologies) Findamental Chemistry Beasing of Wilding Engineering (Energy Production Technologies) Findamental Chemistry Beasing of Wilding Engineering (Engineering Engineering) Beasing of Wilding Engineering Engineering Engineering State St	introduction to studies and own field of subject	Orientation to Field and Studies Engineering English and Communication Skills Introductory Project and Professional Communication Fundamentals of Chemistry Fundamentals of Engineering Mathematics Fundamentals of Physics	5 5 5 5 5 5	х	x x	x					x x x x	х	х	x	X X X	x x
Zird year of study, Basic studies of emergy and environmental Engineering and development of professional Identity Themodynamics Fluid Mechanics and Basics of Heat Transfer 5		Industrial Business Engineering Swedish / Finnish as a Second Language: Finnish at Work Engineering Physics Functions and differentials Applications, Programming and Reportage Basics of Energy and Environmental Technology	5 5 5 5 5 5	x x	Х		X		x	X	x x x				x	x x
Thermodynamics and deviolement of professional identity The professional identity	2nd year of study Pasis studies of										<u> </u>	<u> </u>	<u> </u>		<u> </u>	\dashv
Fundamentals of Power Plant Engineering (Energy Production Technologies)	energy and environmental engineering and development of professional identity	Thermodynamics Fluid Mechanics and Basics of Heat Transfer Environmental Management Measurement Systems and Data Handling Computer-Aided Design Life Cycle Analysis and Circular Economy	5 5 5 5 5 5	x x x x x			x x	x x	x	х	x x x x	x	x			x x x
Material and Energy Efficiency Basics of Environmental Protection Environmental Chemistry Environmental Engineering (Energy Production Technologies) In total Fundamentals of Power Plant Engineering (Energy Production Technologies) Steam and Gas Turbines Spilers and Steam Generators Senders and Steam Generators Energy Production Energy Production Technologies) Piping and Plant Design Measurement Systems, Condition Monitoring and Maintenance in Power Plants Basics of Nuclear Technology District Heating Engineering Water and Waste Teatment Technologies (Environmental Engineering) Water and Waste Teatment Technologies (Environmental Engineering) Water Individual Engineering Resource Effective Society (Environmental Engineering) Clean Water and Sewage Piping Design and Maintenance Resource Effective Society (Environmental Engineering) Distributed and Renewable Energy Energy Economics Projects on Energy and Environmental Engineering Distributed and Renewable Energy Energy Economics Projects on Energy and Environmental Engineering Distributed and Renewable Energy Energy Economics Projects on Energy and Environmental Engineering Distributed and Renewable Energy Energy Economics Projects on Energy and Environmental Engineering Distributed and Renewable Energy Energy Economics Projects on Energy and Environmental Engineering Distributed and Renewable Energy Energy Economics Projects on Energy and Environmental Engineering Distributed and Renewable Energy Energy Economics Projects on Energy and Environmental Engineering Distributed and Renewable Energy Energy Economics Projects on Energy and Environmental Engineering Distributed and Renewable Energy Energy Economics Projects on Energy and Environmental Engineering Distributed and Renewable Energy Energy Economic		Fundamentals of Power Plant Engineering (Energy Production Technologies) Fundamentals of Hydraulics and Mechanics of Materials Electrical Engineering and Electric Machines Energy Technology of Power Plant Design of Heat Exchangers Basics of Welding Engineering and Manufacturing methods	25 5 5 5 5 5	x x x x			x x				X X X X					x
Stade Continue C		Material and Energy Efficiency Basics of Environmental Protection Environmental Chemistry Environmental Chemical Analysis Water Treatment Technologies	5 5 5 5 5	x x x x x			X		x			X	X			x x
Bollers and Steam Generators	3rd year of study, Sustainable energy ,		-													
Piping and Plant Design Measurement Systems, Condition Monitoring and Maintenance in Power Plants 5	clean water and the environment	Steam and Gas Turbines Boilers and Steam Generators	5 5	X X				х			X X					Х
Waste Treatment Technology Equipment and Processes in Environmental Engineering S X X X X X X X X X		Piping and Plant Design Measurement Systems, Condition Monitoring and Maintenance in Power Plants Power Plants Basics of Nuclear Technology District Heating Engineering	5 5 5 5 5 5	x x x x			X	X		X	X X		×			x x x
Clean Water and Sewage Piping Design and Maintenance 5		Waste Treatment Technology	5 5	X X			Х	X	х	х	X X			х		X
Distributed and Renewable Energy Energy Economics 5 X X X X X X X X X		Clean Water and Sewage Piping Design and Maintenance Resource Effective Society Water in Municipal Services Water Management Systems	5 5 5 5	х		X		x	x x	×	x x					X X
In total Sachelor's Thesis Planning of the Thesis Work Execution of the Thesis Work Reporting of the Thesis and Maturity Test Work Placement 1 Work Placement 2 Work Placement 2 Elective Studies Elective		Common professional studies for Energy and Environmental Engineering Distributed and Renewable Energy Energy Economics Projects on Energy and Environmental Multidisciplinary Innovation Project	5 5 15 10					Х		x		×	X	Х	+	Х
4th year of study, Growing into a professional in the field of energy and environmental engineering Bachelor's Thesis 15 x				Х	Χ	Х		Х			Х	Х	X	Х	Х	X
Work Placement 30	professional in the field of energy and environmental engineering	Planning of the Thesis Work Execution of the Thesis Work	15 5 5	X X	х	х		х			х			X X	X X	X X
		Work Placement Work Placement 1 Work Placement 2	30 15 15	X X	Х	Х		Х			х	х	х	х	х	