

Student Sumit Kumar Sahoo
Personal identity code 180389-331N
Student Number 2402967

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Decree on University Degrees Government decrees on University Degrees (794/2004)

Degree Master of Science in Technology
School School of Technology and Innovations
Degree Programme Master's Programme in Smart Energy

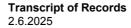
Major Robotics

Attendance:

Autumn Semester 2024 - Attending Spring Semester 2025 - Attending

	Duration of Right to Study 01.08.2024–31.07.2028	
	Required Credits	120 cr
04)	Completed	72 cr
	Average	4,36

Studies	Credits	Assessment	Date	Assessed by		
Master of Science in Technology						
Complementary Studies						
OPIS0025 Searching for Scientific Information 1	1 cr	pass	05.11.2024	Niina Sorvari		
TECH1020 Engineering Ethics, Norms and Regulations	1 cr	pass	30.04.2025	Nasser Abdullah		
KSUO5051A Finnish as a Foreign Language 1a: introduction	2 cr	5	02.12.2024	Mia Juthman		
ICAT1010 C Programming	3 cr	5	15.10.2024	Tobias Glocker		
ICAT3310 Python for Systems Intelligence and Analytics	5 cr	4	30.03.2025	Jani Päivärinta		
Major Studies						
ICAT3270 Introduction to Robotics	5 cr	3	23.04.2025	Anastasia Koivikko		
ICAT3110 Intelligent Robotics	5 cr	5	30.05.2025	Mahmoud Elsanhoury		
ICAT3120 Machine Learning	5 cr	5	07.03.2025	Mohammed Elmusrati		
ICAT3260 Machine Learning for Computer Vision	5 cr	5	04.02.2025	Jani Boutellier		
ICAT3050 Embedded System Architecture and Design	5 cr	4	09.12.2024	Tobias Glocker		
ICAT3210 Applied Machine Learning	5 cr	4	09.12.2024	Petri Välisuo		
ICAT3180 Applied Signal Processing	5 cr	5	08.04.2025	Janne Koljonen		
TECH3020 GNSS Technologies	5 cr	5	27.12.2024	Heidi Kuusniemi		
ICAT3250 Navigation Technologies for Autonomous Systems	5 cr	5	13.05.2025	Heidi Kuusniemi		
Business Studies						
TECH3040 Project Management: Methods, Tools and Applications	5 cr	5	02.12.2024	Ahm Shamsuzzoha		
TUTA3030 Technology Management	5 cr	3	26.01.2025	Rayko Toshev		
TUTA3230 Product and Service Design in Practice	5 cr	3	08.11.2024	Binod Timilsina		





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## **Grade Definition**

5 = excellent

4 = very good

3 = good

2 = satisfactory

1 = sufficient

pass = passed

PD = pass with distinction

e = excellent eh = very good

h = good

t = satisfactory

v = sufficient