

Joaquín Salvi Mas, rector of the University of Girona,

## HEREBY CERTIFIES:

that Zewdie Habtie Sisay , born on 12 July 1992 in Wolkayit (Ethiopia), of Ethiopian nationality, with Passport number EP7837661, has successfully completed at this University, as of July 2025, studies leading to the Erasmus Mundus Masters in Intelligent Field Robotic Systems (IU), with national register of official university graduates number 2025221240, and on 29 July 2025 has paid the fee to have the degree certificate issued.

This provisional replacement certificate replaces the degree certificate and has the same value for the purposes of exercising the rights inherent to it, pending issuance of the permanent certificate.

The period of validity of the provisional replacement certificate is one year from its date of issue.

Rector of the University of Girona

Girona, 31 July 2025



Maria Rosa Montalbán García, head of Office of Academic and Quality Secretary

**Certify that:**

In accordance with the information in the University's academic management computer system

Student : Zewdie Habtie Sisay  
 Identity card number : EP7837661  
 Place of birth : Wolkayit (Ethiopia)  
 Date of birth : 12/7/1992

Has received official approval of the following academic experience:

Study: 3105M0421 Erasmus Mundus Masters in Intelligent Field Robotic Systems (IU)

**Access**

University access	Year: 2023-24 Reason for entering : Registration
Programm access	Year: 2023-24 Access route: Bachelor's degree studies completed or equivalent Mark: 9,72 Programme : Bachelor's Degree in Computer Science and Engineering - Mekelle University (ETH)

**Closing**

Programme completed 9/7/2025

**Subjects studied at the University of Girona**

Code	Name <sup>2</sup>	Type <sup>3</sup>	Cr. <sup>4</sup>	Session	Mark <sup>5</sup>
3501MO3351	Robot Manipulation (EN)	OB	6,00	2023-24 February	Good 8,20
3501MO3352	Probabilistic Robotics (EN)	OB	6,00	2023-24 February	Good 7,70
3501MO3353	Autonomous Systems (EN)	OB	6,00	2023-24 February	Excellent 9,70
3501MO3354	Multiview Geometry (EN)	OB	6,00	2023-24 February	Good 8,40
3501MO3355	Machine Learning (EN)	OB	6,00	2023-24 February	Good 7,80
3501MO3356	Hands-on Intervention (EN)	OB	6,00	2023-24 June	Excellent 9,10
3501MO3357	Hands-on Localization (EN)	OB	6,00	2023-24 June	Excellent 9,60
3501MO3358	Hands-on Perception (EN)	OB	6,00	2023-24 June	Excellent 9,40
3501MO3359	Hands-on Planning (EN)	OB	6,00	2023-24 June	Excellent 9,20
3501MO3360	Management & Entrepreneurship (EN)	OB	3,00	2023-24 June	Excellent 10,00
3501MO3361	Scientific Writing & Research best practices (EN)	OB	3,00	2023-24 June	Excellent 9,00

**Subjects studied outside the University of Girona**

Code	Name	Type <sup>2</sup>	Cr. <sup>3</sup>	Session	Mark <sup>4</sup>	University
3501MO3594	Deep Network Developments	OP	6,00	2024-25 February	Excellent 9,50	EÖTVÖS LORÁND TUDOMÁNYEGYETEM [HUN]
3501MO3369	Introduction to vehicles and Sensors	OB	4,00	2024-25 February	Excellent 9,50	EÖTVÖS LORÁND TUDOMÁNYEGYETEM [HUN]

<sup>2</sup>The language of instruction for subjects taken in English (EN), German (DE), French (FR) or Italian is indicated (IT)

<sup>3</sup>OB=Compulsory, OP=Optional, PF=Project

<sup>4</sup>Crèd. = Credits ECTS (1ECTS = 25 hours)

<sup>5</sup>AD = Adapted, CR = Recognized, CV = Validated, RA = Academic recognition, AE = Learning agreement, TR = evaluation by assessment board

Code	Name	Type <sup>2</sup>	Cr. <sup>3</sup>	Session	Mark <sup>4</sup>	University
3501MO3595	3D Sensing and Sensor Fusion	OP	6,00	2024-25 February	Excellent 9,50	EÖTVÖS LORÁND TUDOMÁNYEGYETEM [HUN]
3501MO3596	Intelligent Field Robots lab	OP	6,00	2024-25 February	Excellent 9,50	EÖTVÖS LORÁND TUDOMÁNYEGYETEM [HUN]
3501MO3597	Methods and tools for artificial intelligence applications	OP	6,00	2024-25 February	Excellent 9,50	EÖTVÖS LORÁND TUDOMÁNYEGYETEM [HUN]
3501MO3598	Preparation course for master studies and developing learning skills	OP	2,00	2024-25 February	Excellent 9,50	EÖTVÖS LORÁND TUDOMÁNYEGYETEM [HUN]
3501MO3375	Master Thesis	PF	30,00	2024-25 June	Excellent 9,10	EÖTVÖS LORÁND TUDOMÁNYEGYETEM [HUN]

### Local Grading System:

Global mark: 9,08 (RD 1125/2003) / 2,80 (RD 1267/94)

In the Spanish university system, each subject is graded on a scale from 0 to 10 points. Each numeric grade corresponds to a descriptive grade as follows: Fail 0 to 4.9, Pass 5 to 6.9, Good 7 to 8.9, Excellent 9 to 10, Distinction: Excellent with a special mention. To pass a subject it is necessary to get at least 5 points.

### Status of the degree syllabus requirements:

#### ● MOA 2024 adaptation Itinerary[120,00 / 120,00]

##### ● 1st Year

- M01. Fundamentals in Intelligent Field Robotic Systems UdG: 30,00 / 30,00
- M02. Hands-on specialization UdG: 30,00 / 30,00

##### ● 2nd Year

##### ● It is necessary to pass 1 of the following requirements

- M03B bis. Intensification on Autonomous systems and self-driving vehicles: 30,00 / 30,00
- M04. Master Thesis: 30,00 / 30,00

● Objective or requirement fulfilled

◐ Objective or requirement with some completed credits

○ Objective or requirement without any completed credits

The set of subjects and credits completed complete the requirements for obtaining the title

Has completed the programme of studies on 07/2025

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And, for the record, at the request of the interested party, this certificate is hereby issued.

Digitally signed by Maria  
Maria Rosa Montalbán  
García - DNI  
40313657Q (TCAT)  
Date: 2025.07.11 22:22:57  
+02'00'

Head of Office of Academic and Quality Secretary

Girona, 11 July 2025

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