RELEVE DE NOTES ET RESULTATS

Année universitaire 2023/2024

Session unique

NEGASA Fromsa Teshome

N° Etudiant : 24005908 INE : 223376120 DK

Né le : 21 décembre 1996 à : HARAR (ETHIOPIE)

inscrit en **M1 OIVM PSRS**

a obtenu les notes suivantes :

	Note/Barème	Pts jury	Résultat	Session	Crédits	Rang
Semestre 1 PSRS			**A**	**SU 2023/24**	**30**	3/21
UE Physical Optics			**B**	**SU 2023/24**	**5**	
Physical Optics Digital Processing			**C**	SU 2023/24	2	
Physical Optics			**B**	SU 2023/24	3	
UE Optical Engineering			**B**	**SU 2023/24**	**5**	
Introduction to guided optics			**C**	SU 2023/24	1	
Optical Engineering			**B**	SU 2023/24	2	
Non linear optics			**B**	SU 2023/24	2	
UE Digital Image Processign and analysis			**B**	**SU 2023/24**	**5**	
UE Algorithmic and programming (level 1 or 2)			**A**	**SU 2023/24**	**5**	
UE Scientific methodology and project management			**A**	**SU 2023/24**	**3**	
UE Scientific computing with matlab (parts 1 & 2)			**A**	**SU 2023/24**	**2**	
Scientific Computing with Matlab part 1			**A**	SU 2023/24	1	
Scientific Computing with Matlab part 2			**A**	SU 2023/24	1	
UE Optional Courses			**A**	**SU 2023/24**	**5**	
UE Digital Innovation and Entrepreneurship			**A**	SU 2023/24	5	
Semestre 2 PSRS			**Pass**	**SU 2023/24**	**30**	

Résultat d'admission Session unique **Pass** **60**

Fait à Saint-Etienne, le 19 juin 2024
La Présidente du jury

Nathalie DESTOUCHES

Avis important : il ne peut être délivré qu'un seul exemplaire du présent relevé de notes. Aucun duplicata ne sera fourni.

Nathalie Destouches
Professor
Coordinator of the PSRS Erasmus Mundus Master
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With the support of the Erasmus+ Programme of the European Union

Erasmus Mundus Joint Master degree
Photonics for Security Reliability and Safety

January 20th, 2024

To whom it may concern,

Fromsa Teshome Negasa is one of nineteen Erasmus Mundus scholarship holders selected from over 150 candidates to attend the Erasmus Mundus Joint Master degree programme *Photonics for Security Reliability and Safety* (PSRS) this year. This international Master degree is offered by four European Universities, *University Jean Monnet Saint-Etienne* and *University Paris-Est Créteil* in France, *Politecnico di Torino* in Italy, and *University of Eastern Finland*. During this particularly demanding programme, students must do full-semester mobilities in at least two participating universities, and develop advanced skills in a range of fields including optics and photonics, programming and artificial intelligence, and micro- nano- structuring of advanced materials.

I have had the opportunity to come to know Fromsa quite well during his first semester here in Saint-Etienne. He has shown himself to be a truly remarkable student, who has consistently performed well above the class average. He understands quickly and has demonstrated an exceptional ability to adapt well to different contexts and to others. He is enthusiastic, participates actively, is open and curious, and initiates contact with others very easily. He has had a positive contribution to group dynamics.

We are still waiting for the result of one practical session, so the official transcripts are not yet available. For the moment, taking into account 97% of his grades I can say that Fromsa is currently ranked 3/21 in his class, with an overall grade of A for the first semester and a grade point average of 16.13/20 (class average: 13.83; range 11.84 – 16.83). I have more than 15 years experience in management of Master courses and I would rank Fromsa in the top 5% of all the students I have taught so far.

I therefore highly recommend him to you as an outstanding candidate for an internship. I'm fully confident he will adapt quickly and be a worthwhile addition to your team.

Sincerely yours,

Prof. Nathalie Destouches

LABORATOIRE HUBERT CURIEN
UMR • CNRS • 5516 • SAINT-ETIENNE

UNIVERSITY OF EASTERN FINLAND

Student	Fromsa Teshome Negasa	Study right duration	
Date of birth	21.12.1996	01.01.2024–31.12.2027	
Student number	2401054	Required credits	**120 cr**
Decree on university degrees	Government Decree on University Degrees 794/2004	Completed	**37 cr**
Degree	Master of Science	Average	**4,77**
Faculty	Faculty of Science, Forestry and Technology		
Programme	MDP in Photonics for Security, Reliability and Safety		
Main subject	Photonics		

Studies	**Credits**	**Assessment**	**Date**	**Assessed by**
Master of Science				
Photonics	**37 cr**			
LF00DG20 Light and matter	4 cr	5	31.05.2024	Yuri Svirko
LF00CX78 Photonics Laboratory	8 cr	5	06.06.2024	Hannu Laamanen
LF00CY67 Advanced Biomedical Optics	4 cr	4	06.05.2024	Polina Kuzhir
LF00CQ35 Display Technologies	5 cr	5	31.05.2024	Ana Gebejes
LF00CQ33 Color Science	4 cr	4	25.03.2024	Martti Mäkinen
LF00CQ96 Numerical Methods with Python Photonics	2 cr	Pass	25.05.2024	Henri Pesonen
LF00CQ49 Basics of Signal and Image Processing	5 cr	5	19.03.2024	Hannu Laamanen
3621518 Machine Vision	5 cr	5	03.05.2024	Pekka Toivanen

Definitions of grades

UEF	ECTS
5 = excellent	A
4 = very good	B
3 = good	C
2 = satisfactory	D
1 = sufficient	E

Pass = course completed successfully

Approved courses in the Second Domestic Language (Swedish or Finnish) are graded with the scale Satisfactory (TT) or Good (HT).

Laudatur (L) = excellent
Eximia cum laude approbatur (ECL) = very good
Magna cum laude approbatur (MCL) = good
Cum laude approbatur (CL) = satisfactory
Non sine laude approbatur (NSA) = fairly satisfactory
Lubenter approbatur (LA) = passable
Approbatur (A) = sufficient

AppD = Approved with Distinction
App = Approved

The measure for the extent of studies shall be a credit point. The average input of 1600 working hours needed for studies of one academic year shall correspond to 60 credits.

One credit equals one ECTS credit.

The combined extent of basic and intermediate studies shall be a minimum of 60 credits.

Student	Fromsa Teshome Negasa
Date of birth	21.12.1996
Student number	2401054

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FINLAND

Electronic signature

This document is electronically signed 20.6.2024 at 23:59 using the EUTL certificate. Further information on verifying the authenticity of documents can be found on University of Eastern Finland website at https://www.uef.fi/digital-signature.

UFR de Sciences et Technologies
International Master of Biometrics and Intelligent Vision

Affaire suivie par :
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Créteil, 03/02/2025

Credits breakdown

I, BAUDRAND CHAUDEYRAC Raphael, certify that NEGASA FROMSA TESHOME is undertaking all the following classes upon his current semester :

NAME		CREDITS
Biometrics II	*This course requires as a prerequisite the course "Biometrics I". After an overview, advanced biometric technique are considered.*	6
Computer vision and Machine-learning II	*Advanced computer vision, including 3D vision, is presented. In parallel, modern machine-learning using deep-learning are presented in the section Machine-learning.*	6
AI and innovation workshop	*Through numerous workshop sessions, students get the opportunity to reveal their creativity by embedding AI solutions in software systems.*	6
Emerging technologies (AR/VR/Smart systems)	*This course is organised into two parts: virtual and augmented realty (part I), and smart systems (Part II).*	3
Research and professional culture	*Writing a research paper, and choosing a journal for publication will be discussed. On the other hand, professional culture will be introduced by some of our professional partners.*	3
Project III	*It will be the last project before moving to the internship. Students are asked to embed all their advanced knowledge in some useful applications in AI, Biometrics and computer vision.*	6

For the first and second semester of the Master 2, we will be able to provide the final results, after validation by the Master jury in June.

THIS DOCUMENT IS MADE FOR ALL LEGAL INTENTS AND PURPOSES

Raphael BAUDRAND CHAUDEYRAC
Admission officer of the Master “International Biometrics and Intelligent Vision”

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