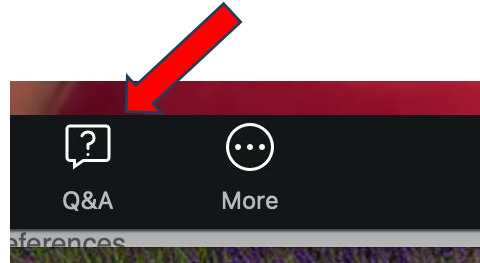
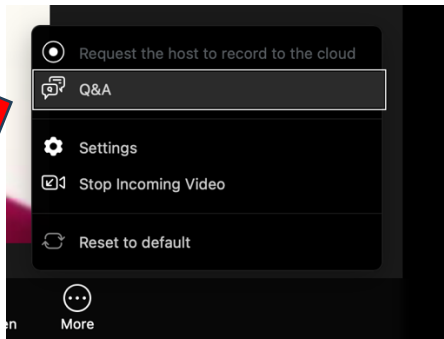


You can submit your questions at any time during the webinar using the Q&A button located in the bar below this slide.



EDISS WEBINAR – 6th INTAKE



Website: <https://www.master-ediss.eu>

Instagram: <https://www.instagram.com/edissprogramme>

LinkedIn: <https://www.linkedin.com/school/ediss-masters-programme>

YouTube: <https://www.youtube.com/c/MasterEDISS>

Facebook: <https://www.facebook.com/masterediss>

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of the European Union



Partner universities



- An Erasmus Mundus Joint Master Programme
- 2-year programme
- Studies in two universities
- 2 MSc degrees

With the support of the
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of the European Union



What you will learn in EDISS

EDISS gives a holistic view of AI/ML, data science and software engineering

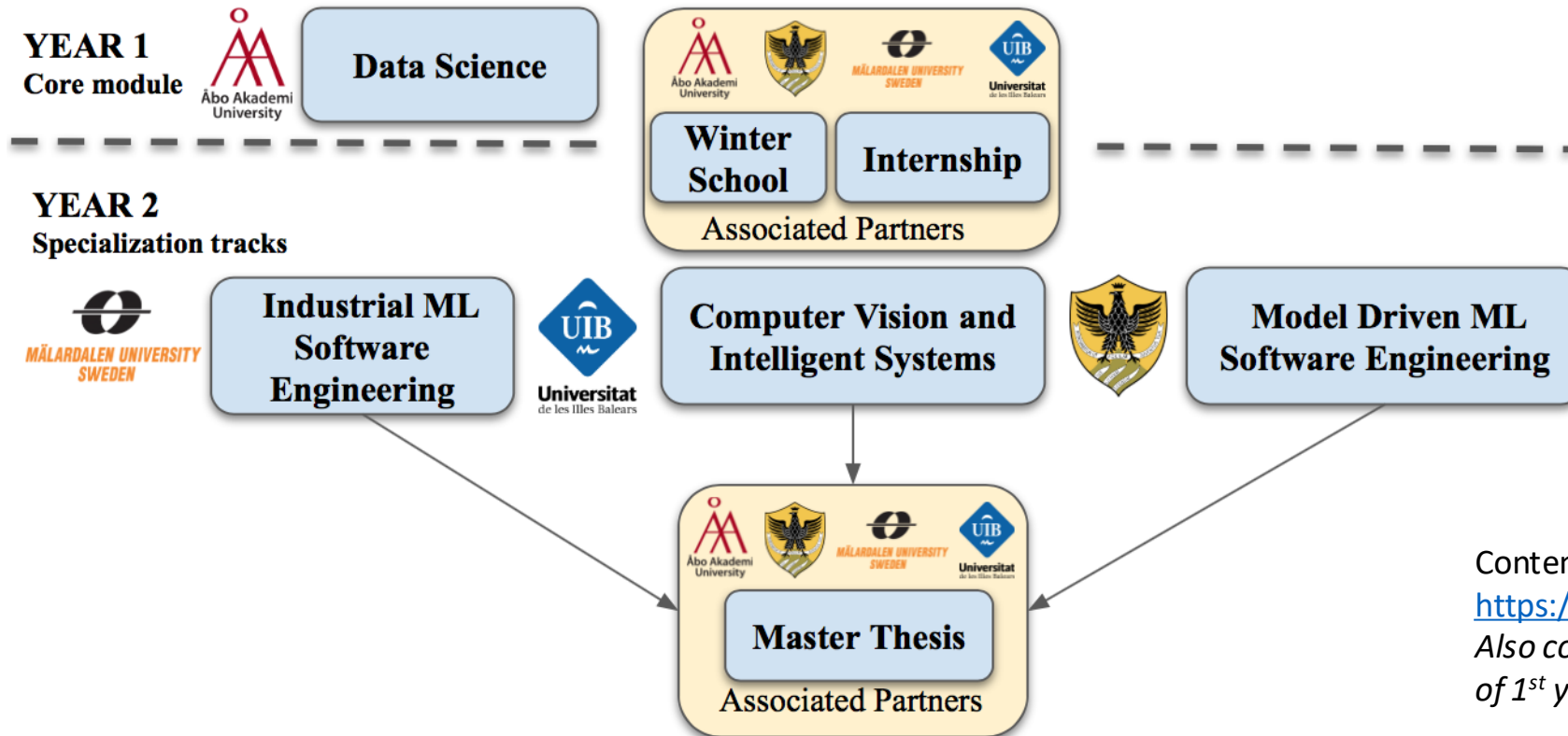
Studies combine both theoretical and practical knowledge as well as project work

Step out of your comfort zone and live in an international environment



Programme structure

Start of the studies in August 2026



- **Winter School**
 - Every academic year

- **Internship**
 - Minimum 2 months
 - In cooperation with an associated company

Content and activities of previous winter schools
<https://www.master-ediss.eu/winter-school>
Also contains scientific posters and videos of 1st year student research projects

Detailed list of courses:

<https://www.master-ediss.eu/first-year>

<https://www.master-ediss.eu/second-year-specializations>

Some videos from previous summer internships:

Intake 3: <http://bit.ly/4hr14sZ>

Intake 2: <http://bit.ly/3WoAwza>

Intake 1: <https://bit.ly/3tLLRxZ>

Master's thesis



EDISS

Erasmus Mundus Joint Master Degree Programme on the Engineering of Data-intensive Intelligent Software Systems



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EDISS Stories

Master's thesis

The final semester of the EDISS programme is dedicated to the Master's thesis, jointly : from both universities the student has studied in. The thesis is usually written in a rese project either in industry or in academia.

EDISS INTAKE 1 – 2021-2023

Master's thesis from Mälardalen University

- Explainable AI for Multi-Agent Control Problem, Prokopova Hanna
- Design and Evaluation of Visualizations for API Testing in Mobile Networks, Afzali, Seyed Mahmoodreza
- Automated annotation scheme for extending bounding box representation to detec Oksana
- Creation of an Operational Design Document for the Autonomous Shipping Industry
- Automatic Performance Testing of Maritime Simulation Models, Malik Shaheryar
- Evaluating Performance of Generative Models for Time Series Synthesis, Haris Muha
- Predictive Maintenance of Centrifugal Pumps Using Reinforcement Learning, Nidad
- A Comparative Analysis of NLP Algorithms for Implementing AI Conversational Assis
- Analysis of NLP Algorithms for NLI, Upreti Aanchal

Master's thesis from University of L'Aquila

- A Flexible and Efficient Approach for Key Information Extraction, Kuanyshkereyev, Farkhad
- Exploration and Pre-selection of Images for Downstream Tasks : Leveraging Embeddings and Anomaly Detection in the Manufacturing Process, Dahal Ashish
- Efficient Data Management and Orchestration Across Diverse Data Streams in 5G Networks with Incorporation of Unique Encryption Solution, Koishybayeva Moldir
- Human Movement Recognition using Deep Learning on Visualized CSI Wi-Fi data, Butyrskaya Daria

Master's thesis from the University of the Balearic Islands

- Optimizing Document Processing Pipeline for Parsing Receipts in the Wild, Kibria Raisul
- Exploratory Studies LAIA@UIB : AI Models for the Detection of Fraudulent Payments, Kurtaran Melih
- Blockchain-based Traceability of the Use of Oceanography Datasets, Akbar Refo Ilmiya
- A Comparative Study of YOLOv5 and YOLOv7 Modifications for Face Detection on a Custom Dataset, Anyim Amarachi Chetachi
- Whole-body Manipulation using Reinforcement Learning, Raza Minahil
- Exploratory Studies LAIA@UIB : Pre-trained Natural Language Processing models to respond to domain-specific inputs, Nurgaliyeva Lunara

<https://www.master-ediss.eu/masters-thesis/>

Research driven master's programme

Datasets and scientific papers published in journals and conferences by EDISS students

<https://www.master-ediss.eu/scientific-articles>



Scientific Articles and Datasets

This page lists scientific articles and datasets published by EDISS students as part of their EDISS studies. The articles are typically written following research works performed as part of a project course, the summer internship or thesis work.

Datasets



The datasets published by EDISS students as part of their EDISS studies are available from the EDISS community on Zenodo: <https://zenodo.org/communities/ediss/records>

Scientific articles

1. Raza, M., Prokopova, H., Huseynzade, S., Azimi, S., & Lafond, S. (2022). *Towards Integrated Digital-Twins: An Application Framework for Autonomous Maritime Surface Vessel Development*. *Journal of Marine Science and Engineering*, 10(10), Article 1469. <https://doi.org/10.3390/jmse10101469>
2. Raza, M., Prokopova, H., Huseynzade, S., Azimi, S., & Lafond, S. (2022). *SimuShips – A High Resolution Simulation Dataset for Ship Detection with Precise Annotations*. In *OCEANS 2022, Hampton Roads* (pp. 1-5). (Oceans). IEEE. <https://doi.org/10.1109/OCEANS47191.2022.9977182>
3. Haris, M. J., Upreti, A., Kurtaran, M., Ginter, F., Lafond, S., & Azimi, S. (2023). *Identifying gender bias in blockbuster movies through the lens of machine learning*. *Humanities & Social Sciences Communications*, 10(1), Article 94. <https://doi.org/10.1057/s41599-023-01576-3>

4. Kibria, M. R., Akbar, R. I., Nidadavolu, P., Havryliuk, O., Lafond, S., & Azimi, S. (2023). *Predicting efficacy of drug-carrier nanoparticle designs for cancer treatment: a machine learning-based solution*. *Scientific Reports*, 13(1), Article 547. <https://doi.org/10.1038/s41598-023-27729-7>

5. Grolleman, J., van Engeland, N.C.A., Raza, M. et al. Environmental stiffness restores mechanical homeostasis in vimentin-depleted cells. *Sci Rep* 13, 18374 (2023). <https://doi.org/10.1038/s41598-023-44835-8>

6. K. Nakhleh, M Raza, et al., "SACPlanner: Real-World Collision Avoidance with a Soft Actor Critic Local Planner and Polar State Representations," *2023 IEEE International Conference on Robotics and Automation (ICRA)*, London, United Kingdom, 2023, pp. 9464-9470, doi: 10.1109/ICRA48891.2023.10161129

7. Billah, M. M., Manandhar, P., Krishan, S., Cedillo, A., Rexha, H., Lafond, S., Benke, K. K., Azimi, S., & Arslan, J. (2024). *Explainability in Deep Learning Segmentation Models for Breast Cancer by Analogy with Texture Analysis*. In *Medical Imaging with Deep Learning (MIDL 2024) (Proceedings of Machine Learning Research)*. <https://hal.science/hal-04562334>

8. Phuong T. Nguyen, Juri Di Rocco, Claudio Di Sipio, Mudita Shakya, Davide Di Ruscio, and Massimiliano Di Penta. 2024. *Automatic Categorization of GitHub Actions with Transformers and Few-shot Learning*. In *Proceedings of the 18th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM '24)*. Association for Computing Machinery, New York, NY, USA, 468–474. <https://doi.org/10.1145/3674805.3690752>

9. Saad Waseem, Aicha Moussaid, Ricardo Chavez Tapia, S M Zahid Hasan, Iván Porres Paltor, Sebastien Lafond. *Dynamic Test Case Prioritization and Selection for Continuous Integration using Reinforcement Learning*. *7th International Conference on Systems Engineering (CIIS 2024)*. https://doi.org/10.1007/978-3-031-91481-2_10

10. Md Saleh Ibtasham, Sarmad Bashir, Muhammad Abbas, Zulqarnain Haider, Mehrdad Saadatmand, Antonio Cicchetti. *ReqRAG: Enhancing Software Release Management through Retrieval-Augmented LLMs: An Industrial Study* (2025) *Requirements Engineering: Foundation for Software Quality (REFSQ 2025)*. https://doi.org/10.1007/978-3-031-88531-0_20



Search...

Blog entries and

- › Second-year journey Abdulai
- › Second-year journey Canales Lima
- › First-year journey Hashmi
- › First-year journey Bouazzaoui

EDISS on Instagram



edissprogramme



Associate industrial partners



Walkbase Oy



Silo AI Oy



Alstom



Santer Reply Spa



Wärtsilä Oy



Wireless DNA SL



MeteoClim Services SL



Vaadin Oy



VOLVO Construction
Equipment AB



BIT & BRAIN
Technologies SL



Coronis Computing SL



DOMÉ Consulting &
Solutions, S.L.



iconicchain Oy



Intelygenz SA



Neste Oyj



a.i.mater



IQUA ROBOTICS SL



Studio Itinerante
Arquitectura SL



AWAKE.AI Oy



Anders Innovations Oy



Research Institutes of
Sweden



APSL



Valohai



Mirka



Huld Oy



Groke
Technologies Oy



Unikie Oy



ABB Process
Automation



AlliveSim Oy



Inisol



Science Pitchers



Aptar



ATEA



Nokia Solutions and
Networks



Vaisala Oy



Ericsson AB



Hotetec SL



Ahola Digital



Gide



Supersight



GeneVia Technologies

Career opportunities



Doctoral Researcher | Ex-Senior ML Engineer | Erasmus+ Scholar

Data and Integration Engineer

Data Scientist @ Nokia | Erasmus Mundus Scholar | Software Engineer

AI/ML Specialist

Data Scientist | Kongsberg Maritime | Erasmus Mundus Scholar 2022 | EMJMD EDISS

Robotics Software Developer | Erasmus Mundus Scholar

Full Stack Web3 Developer | Erasmus Scholar

Junior Data Engineer | Empowering Data-Driven Solutions

AI Researcher | Erasmus Mundus Scholar

Machine Learning Engineer | Erasmus+ Scholar @EDISS | Software Engineer

Machine Learning Engineer | Erasmus+ Scholar

Machine Learning Engineer | Erasmus+ Scholar

Machine Learning Engineer at iconicchain

Job titles of our graduates on 

Business Intelligence & Monetization @Codeway | Content Creator

Student agreement

The 2026 student agreements will be published in December 2025/January 2026



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Student Agreements

2025 – Intake 5 (2025-2027)

Student Agreement EMJM Scholarship Student

Student Agreement EMJMD EDISS Scholarship Student

Student Agreement EMJMD Student Agreement, Self-funded Student

2024 – Intake 4 (2024-2026)

Student Agreement EMJMD Programme Country Student

Student Agreement EMJMD Partner Country Student

Student Agreement EDISS Scholarship Students

Student Agreement Partner Country Student, self-funded

Student Agreement Programme Country Student, self funded

2023 – Intake 3 (2023-2025)

Student Agreement EMJMD Programme Country Student



Search

Blog entries and News!

- » Second-year journey by Vinay Sanga
- » Second-year journey by Halidu Abdulai
- » First-year journey by Armando Canales Lima
- » First-year journey by Jawayria Hashmi
- » First-year journey by Rahma El Bouazzaoui

<https://www.master-ediss.eu/student-agreements/>

Admission requirements

Undergraduate degree

at least 180 ECTS or equivalent to 6 semesters of full-time studies

- *Computer science*
- *Software engineering*
- *Equivalent subject*

For example: degrees in electrical engineering with a strong component in SW Eng., applied mathematics, mechatronics with a strong component in SW Eng., etc.

Good proficiency in English

- *TOEFL iBT, min. score 93*
- *IELTS Academic, min. overall score 6,5 and individual score 6*
- *Exception criteria with degree certificate **only** from:*
 - *Australia, Canada, New Zealand, the UK, the USA, an EU/EEA country, Switzerland*

Admission to the programme is competitive and only the best applicants are selected.

Participation costs from Intake 6

Participation costs of 9 000€ / academic year (18 000€ for the 2-year programme)

Participation cost includes:

- Tuition fees (including courses, exams, academic supervision, university support services, orientation)
- Insurance (health and accident)
- Winter school participation (travel and accommodation costs)



Three types of scholarships & three application rounds

1st application round: 03.11.25 - 08.01.26

- Erasmus Mundus scholarships
- EDISS scholarships

2nd application round: 25.02.26 – 11.03.26

- Tuition fee waiver scholarships

3rd application round: 14.04.26 – 20.04.26

- Self-funded applications



Erasmus Mundus scholarships – Intake 6



For the next application period (*EDISS intake 6 students, academic years 2026-28, studies starting in August 2026*), several EMJM scholarships will be available. The EMJM scholarship contains a waiver of the participation costs, a monthly contribution to subsistence costs (1400€ per month) and health insurance coverage. All applicants are welcome to apply regardless of nationality.

The EMJM scholarship includes the following:

Scholarship	Students from all countries
Contribution to participation costs	9 000€/year
Contribution to subsistence costs – (24 months)	1 400€/month
Total	51 600€ over the 2-year programme

Expected number of EMJM scholarships to be distributed: 8 to 9

EDISS scholarships – Intake 6



For the next application period (*EDISS intake 6 students, academic years 2026-28, studies starting in August 2026*) several EDISS scholarships will be available. The EDISS scholarship contains a waiver of the participation costs, a monthly contribution to subsistence costs (800/310€ per month) and health insurance coverage. All applicants are welcome to apply regardless of nationality.

The EDISS scholarships includes the following:

Scholarship	Students from all countries
Contribution to participation costs	9 000€/year
Contribution to subsistence costs – 1st year (12 months)	800€/month
Contribution to subsistence costs – 2nd year (max 12 months)	310€/month *
Total	31 320€ over the 2-year programme

* for the 2nd year of the programme EDISS scholarship holders are eligible for the Erasmus+ mobility grant (490€-540€ per month for the 2024-25 academic year)

Expected number of EDISS scholarships to be distributed: 4 to 5

<https://www.master-ediss.eu/scholarship>

EDISS Tuition fee waiver scholarship– Intake 6



For the next application period (*EDISS intake 6 students, academic years 2026-28, studies starting in August 2026*) several tuition fee waiver scholarships will be available. The EDISS scholarship contains a waiver of the participation costs and health insurance coverage. All applicants are welcome to apply regardless of nationality.

The tuition fee waiver scholarships includes the following:

Scholarship *	Students from all countries
Contribution to participation costs	9 000€/year
Total	18 000€ over the 2-year programme

* for the 2nd year of the programme EDISS scholarship holders are eligible for the Erasmus+ mobility grant (490€-540€ per month for the 2024-25 academic year)

Expected number of tuition fee waiver scholarships to be distributed: 8 to 10

<https://www.master-ediss.eu/scholarship>

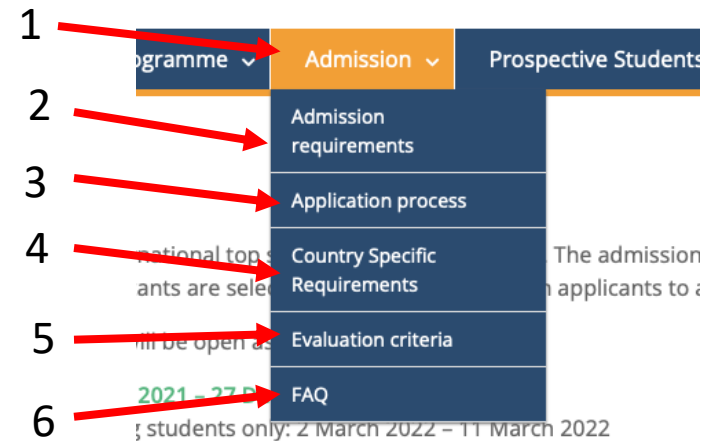
1st application period: 03.11.2025-08.01.2026

1. Check the academic and English language requirements

2. Prepare your application documents

3. Apply online at Studyinfo.fi within the deadline

Check out **carefully all 6 pages** of the Admission section on EDISS website

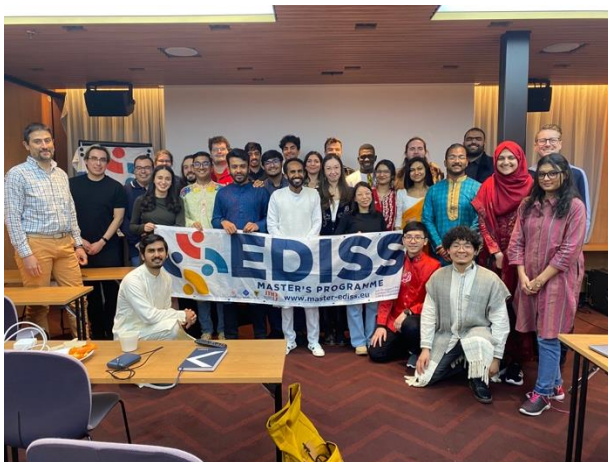


available on the Studyinfo.fi portal when the application period is open. Click the Studyinfo.fi picture below.



Application schedule – 1st round

- The application will open in 5 days, on **03.11.2025 at 8 am Finnish time**
- The application will be open until **08.01.2026 at 3 pm Finnish time**
- The deadline to **update** enclosures to **submitted** applications is **15.01.2025 at 3 pm Finnish time**
 - Allocate time to upload your enclosures! Uploading your video might take a lot of time!



Admission schedule

- Admission results by March 2026
 - Students awarded an EDISS scholarship will have 14 days to accept the offer
- Deadline to send documents (degree and transcripts, translations) for conditionally admitted students: 31.07.2026
 - Apply only to students who didn't graduate by the application deadline
- Verification of original documents: upon arrival in Finland from August 2026
 - For admitted students only
- Start of the studies at Åbo Akademi University in August 2026

Next webinars

10 November 2025 at 15:00-16:00 Finnish time (EET).

Please register here: <https://link.webpolsurveys.com/EP/9F8D8502F43A2F98>

17 December 2025 at 15:00-16:00 Finnish time (EET).

Please register here: <https://link.webpolsurveys.com/EP/78B93F4BC286EFE3>





Q&A Session

You can submit your questions using the Q&A button located in the bar below this slide.



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