

**UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II –  
CENTRO SERVIZI METROLOGICI AVANZATI CeSMA**

**CALL FOR APPLICATIONS FOR ADMISSION TO  
*Micron International Academy - 2024***

**Art. 1 General Provisions**

Within the framework of the collaboration agreement between Micron Semiconductor Italia and CeSMA of the University of Naples Federico II, aimed at establishing the advanced course named "Micron International Academy" (hereinafter referred to as the Academy), a public selection based on qualifications and examinations is announced for admission to the first cycle of the Academy.

The Academy aims to train highly qualified professionals, on an international level, in the fields related to the development and verification of embedded memory systems. The educational approach emphasizes hands-on, project-based, and laboratory activities.

The activities of the Academy will span six months and will take place at the San Giovanni a Teduccio campus of the University of Naples Federico II.

**Art. 2 Educational Objectives and Professional Profiles**

The goal of the Academy is to train students to become experts in cutting-edge topics in the field of integrated digital systems, with a particular focus on advanced memory systems. This will be achieved by integrating classroom training, laboratory activities, seminars, and insights from industrial experiences. Topics to be explored include the structure of NAND memories and their related interfaces, technologies and techniques for the design and verification of System-on-Chip, software development for embedded systems, testing techniques, and associated electronic instrumentation.

The Academy includes the development of project work on specific themes of industrial applicative interest, with autonomous activities by the participants and supervision and mentoring from Micron instructors and university faculty.

**Art. 3 Duration and Activities**

The educational project is structured over approximately 6 months of activities and involves the participation of a maximum of 20 learners. The expected time commitment includes approximately 15 hours per week, encompassing lectures, practical exercises, group work, project work, and seminars. The educational activities are typically scheduled over three days each week. A detailed schedule will be available before the start of the Academy.

Attendance at the Academy is mandatory for at least 70% of the total expected time commitment. Failure to meet this requirement will result in automatic exclusion from the Academy.

**Participation in the Academy is free of charge. Additionally, as detailed in the following Article 6, each participant is entitled to receive a scholarship, the total amount of which is fixed at €2,500 (two thousand five hundred euros) gross.**

#### **Art. 4 Admission Requirements**

Italian citizens, citizens of EU member states residing anywhere, and non-EU citizens who, at the deadline for this call, possess one of the following qualifications, are eligible to participate in the selection for admission to the Academy:

- **Master's degree** in one of the following classes: LM29 (Electronic Engineering), LM32 (Computer Engineering), LM27 (Telecommunications Engineering), LM21 (Biomedical Engineering), LM25 (Automation Engineering), LM18 (Computer Science), LM17 (Physics).
- **Enrollment in a master's degree program** in one of the following classes: LM29 (Electronic Engineering), LM32 (Computer Engineering), LM27 (Telecommunications Engineering), LM21 (Biomedical Engineering), LM25 (Automation Engineering), LM18 (Computer Science), LM17 (Physics).
- Master's degree or enrollment in an Italian or foreign master's degree program considered **similar** to those listed in the preceding points by the evaluating committee mentioned in the subsequent Article 7.

During the selection phase, the principles of equal opportunities and non-discrimination will be ensured.

Two out of the 20 available slots for participation in the Academy are reserved for candidates with disabilities.

Candidates will be admitted to the selection with a reservation, and the Evaluation Commission may, through a reasoned decision at any stage of the selection procedure or at its conclusion, exclude a candidate due to a lack of prescribed requirements.

#### **Art. 5 Procedure for Submitting Applications**

The application for admission to the Academy must be submitted exclusively online starting from the publication date of this notice and, irrevocably, under the penalty of exclusion from the selection process, **no later than 8:00 PM (GMT+1) on January 21, 2024**.

The application must be submitted through the web portal at the following address: <https://www.micron-academy.unina.it/>, following the procedure outlined below:

- 1) Visit the website <https://www.micron-academy.unina.it/>.
- 2) Fill in the required information, ensuring that all mandatory fields are completed.
- 3) Declare, by checking the appropriate box, that the information provided in the curriculum vitae is true, being aware that false statements may result in the application of criminal sanctions as stipulated in Article 76 of Legislative Decree 445/2000.
- 4) Declare, by checking the appropriate box, that the candidate authorizes the processing of personal data contained in the curriculum vitae for the purposes of the Academy selection process, in accordance with Article 13 of Legislative Decree 196/2003 and Article 13 of EU Regulation 2016/679 (GDPR).

- 5) Attach the curriculum vitae in a PDF file (accompanied by a copy of any documentation deemed relevant for the selection).
- 6) Attach the master's degree certificate, or the enrollment certificate for the master's degree, in a PDF file.

**The failure to comply with any of the aforementioned instructions will result in exclusion from the procedure itself.**

Candidates with disabilities must select the option in the "disability" field to compete for the 2 reserved positions. In case of the need for assistance during the tests, they must submit a specific request by email to [micron-academy@unina.it](mailto:micron-academy@unina.it), no later than the application deadline, indicating the necessary support related to their disability.

For candidates with specific learning disorders (SLD - dyslexia, dyscalculia, dysgraphia, and dysorthographia), whose diagnosis is certified (the relevant certificate must be sent to the email address within the specified deadline), the possible use of compensatory tools is granted. Such candidates must, therefore, submit a request (following the specified procedures and within the specified deadlines) clearly indicating the compensatory tools required, as outlined in the functional profile contained in the diagnosis. Diagnoses lacking a functional profile will not be considered eligible for the authorization to use compensatory tools. The request must be accompanied by the certificate containing the clinical diagnosis of SLD.

The organizers of the Academy will evaluate the requests for assistance submitted by candidates with disabilities or with SLD diagnoses, with the collaboration of the relevant University structure, the University Service Center for Active and Participatory Inclusion of Students (S.IN.A.P.S.I.).

Candidates not resident in Italy, who wish to take advantage of the option to undergo the oral exam remotely must communicate this by email to [micron-academy@unina.it](mailto:micron-academy@unina.it) within the application deadline. Additionally, all candidates who, due to specific needs, are unable to take the exam in person must communicate this using the same method. In oral exams conducted remotely, candidates must ensure a suitable connection from their locations at the scheduled time and be identifiable through a valid identification document. If this is not possible, the oral exam for the candidate will be declared null, and the candidate will be excluded from the selection.

The procedures and schedule for the oral exams will be announced on the website <https://www.micron-academy.unina.it/>.

The results of the evaluations will be communicated to the interested parties via email.

### **Art. 6 Scholarship**

For participation in the Academy, and subject to obtaining the certificate of participation in the course, a scholarship is provided as an attendance allowance, the amount of which is fixed at €2,500 (two thousand five hundred euros) gross. The amounts are comprehensive of all charges borne by the recipient and the institution. There are no expense reimbursements.

The amount will be paid in a single installment exclusively at the end of the training program, and in any case, after the issuance of the Certificate of Participation, issued in accordance with Article 10. The scholarship is not compatible with any form of public or private employment.

## **Art. 7 Selection committee**

The selection committee appointed by CesMA Directorial Decree will consist of three professors from the University of Naples Federico II and three representatives from Micron Semiconductor Italia. The committee will be appointed after the deadline for the submission of participation applications. The composition of the committee will be announced through a notice published on the website <https://www.micron-academy.unina.it/> and on the UNINA portal in the Official Register section.

## **Art. 8 Selection Criteria and Procedures**

The selection procedure for admission to the Academy will be based on an evaluation of the candidates' qualifications and a subsequent interview conducted by the selection Committee. The maximum overall score is 100 points, distributed as follows:

- Qualifications: maximum of 50 points
- Oral exam (interview): maximum of 50 points

For the evaluation of qualifications, the following will be considered:

- Final grade and curriculum of the completed master's degree, if applicable;
- Number and average grade of completed master's degree exams;
- Final grade and curriculum of the completed bachelor's degree;
- Average grade of bachelor's degree exams;
- Any work experience;
- Any certificates of proficiency in the English language;
- Any other relevant curricular or extracurricular experiences (e.g., internships, Erasmus) related to the themes of the Academy;

All qualifications will be considered only if adequately documented or declared by the candidate in accordance with current regulations.

The qualification evaluation will be considered passed if the candidate has scored above 25 out of 50 points.

The oral exam will consist of an interview aimed at assessing the candidate's knowledge of fundamental topics in information and electronic engineering and specific subjects related to the Academy. During the interview, the candidate's proficiency in the English language, motivation for participating in the training course, alignment with the themes of the educational project, and inclination towards teamwork will also be evaluated. Additionally, aspects related to the candidate's curriculum may be further explored.

The interview will be considered passed if the candidate scores above 25 out of 50 points.

The ranking of successful candidates will be determined by adding the score obtained in the oral exam to the score resulting from the evaluation of qualifications. If, at the end of the evaluation procedure, two or more candidates achieve the same score, preference will be given to the younger candidate.

Announcements for all stages of the selection process will be exclusively published on the website <https://www.micron-academy.unina.it/>.

Candidates who, for any reason, are absent at the time of the oral exam will be automatically considered as having withdrawn.

### **Art. 9 Procedure for Acceptance of Admitted Candidates**

Winning candidates must formalize their intention to participate in the Academy within seven days from the publication of the ranking list, under penalty of forfeiture, by signing a contract in which they commit to complying with the provisions of this selection notice. The winning candidates must also sign a confidentiality agreement related to obligations regarding confidential information they may become aware of during the Academy.

After the deadline for acceptance, if there are remaining slots due to forfeiture or withdrawals, the ranking list will be used to fill these slots in the order specified. In this case, the relevant deadlines for accepting the offers will be communicated exclusively through electronic publication on the website <https://www.micron-academy.unina.it/>.

### **Art. 10 Certificate of the Training Program and Possible Recognition of Educational Credits**

Each student who has successfully completed the Academy, as outlined in the previous Article 3, will receive a certificate of participation in the training program.

For students enrolled in a master's degree program at the University of Naples Federico II who possess the certificate of participation in the Academy, or, in any case, after attending at least 80% of the program, the University may assess the recognition of university educational credits (CFU). These credits may include those related to additional knowledge, extra training activities, training and orientation internships, other knowledge beneficial for entering the workforce, preparation for the final exam, and internships. The assessment will adhere to university procedures and is subject to the opinion of the relevant educational structures.

### **Art. 11 Publicity of the Selection Procedure**

This selection announcement is made public through online publication on the website <https://www.micron-academy.unina.it/>, as well as on the institutional websites of the entities promoting the initiative. All documents related to the announcement will be made public exclusively through online publication on the website <https://www.micron-academy.unina.it/>. The online publication on the site <https://www.micron-academy.unina.it/> serves as an official notification for all purposes.

### **Art. 12 Access to documents, Information on Personal Data**

Candidates are guaranteed access to documentation related to the selection procedure, in accordance with current regulations. This right can be exercised in accordance with the procedures established by the University's Regulations on administrative procedures and the right of access to documents, as set out in Rectoral Decree No. 2386/98 and subsequent amendments and integrations.

In accordance with Article 13 of Legislative Decree No. 196/2003, it is hereby communicated that the University is accountable for the handling of candidates' personal data. This is carried out in adherence to the guidelines set forth in the University's internal regulation, which implements the code safeguarding personal data utilized by the University. This regulation was established through Rectoral Decree No. 5073 dated 30.12.2005 and subsequent revisions, and it also conforms to the principles and constraints outlined in EU Regulation 2016/679.

### **Art. 13 Final Provisions**

The organizing entities reserve the right to extend, suspend, modify, revoke, or cancel this notice without entailing rights or claims of any kind in favor of the candidates.

The website <https://www.micron-academy.unina.it/> will be consistently updated with the addition of any other information deemed useful for interested parties. Therefore, it is recommended to regularly check the mentioned website.

For information regarding the announcement and/or the training program, please write to [micron-academy@unina.it](mailto:micron-academy@unina.it).

Naples, 15/12/2023

Ce.S.M.A. Director

Prof. .Ing. Domenico Accardo

