CALL FOR ADMISSION TO THE SECOND EDITION OF THE MASTER'S DEGREE PROGRAMME IN ARTIFICIAL INTELLIGENCE FOR BUSINESS AND SECURITY (MAIBS)

Academic Year 2021/2022

DATE OF POSTING ON THE OFFICIAL UNIVERSITY NOTICE BOARD: 05.06.2022

THE DIRECTOR OF THE DEPARTMENT OF ECONOMICS, ENGINEERING, SOCIETY AND ENTERPRISE - DEIM –

CONSIDERING the University Statute issued by Rector's Decree no. 480/12 of 08/06/2012, as amended by Rector's Decree no. 726 of 08/09/2016 and by Rector's Decree no. 185 of 11/03/2019

CONSIDERING Law no. 341 of 19 November 1990 and Law no. 240 of 2010

CONSIDERING art. 3, paragraph 9 of Ministerial Decree n. 270 of 22 October 2004;

CONSIDERING article 7 of the University Teaching Regulations - General Part, issued by Rector's Decree no. 823/12 of 16/10/2012, as last amended by Rector's Decree no. 938/14 of 14/11/2014 ad modified by Rector’s Decree n0. 625/21 of 04/11/2021;

CONSIDERING the University Regulations for the Establishment and Operation of Master's Courses at the University of Tuscia issued by Rector's Decree no. 614/16 of 08/07/2016;

CONSIDERING the Rectoral Decree 74/2022 of 15/02/2022 of the renewal of the second edition of the MAIBS master course

CONSIDERING the resolution of 14/12/2021 of the DEIM Department Council, which proposed the renewal for the academic year 2021/2022 of the 2nd level master's degree ARTIFICIAL INTELLIGENCE FOR BUSINESS AND SECURITY;

CONSIDERING the Resolution of the Academic Senate of 25/01/2022

CONSIDERING the Resolution of the Board of Directors of 27/01/2022

CONSIDERING the Rectoral Decree no. 309 of 17/06/2020 establishing the 2nd level Master's degree ARTIFICIAL INTELLIGENCE FOR BUSINESS AND SECURITY

CONSIDERING Rectoral Decree 74/2022 of 15/02/2022 renewing the second edition of the MAIBS Master's Course
The activation for the academic year 2021-2022 of the second edition of the Master's Degree Course in ARTIFICIAL INTELLIGENCE FOR BUSINESS AND SECURITY (hereinafter referred to as MAIBS) at the Department of Economics, Engineering, Society and Enterprise (DEIM) of the University of Tuscia in Viterbo.

Art. 1 - GENERAL PROVISIONS
The present call contains the provisions governing admission, for the Academic Year 2021-2022, to the 2nd Level Master Course which is the subject of the present call. The characteristics (Organisation and Training Plan) and Enrolment Procedures of each course are published on the web page of the individual Master's course which can be consulted at the link: https://unitusorienta.unitus.it/en/course/maibs. The course is organised in four parts and eight modules as described below.

- **Part 1 - Inception:**
  - Module I - Digital transformation in business organizations: from digitalization to smart and lean production (5 CFU)

- **Part 2 - Artificial Intelligence Technology Portfolio:**
  - Module II - Data modelling, Big Data Analysis and Tools (10 CFU)
  - Module III - Machine Learning (10 CFU)
  - Module IV - Natural Language Programming (5 CFU)
  - Module V - Deep Learning (10 CFU)

- **Part 3 - Risk and Security:**
  - Module VI - Risks, Privacy and Ethics of Big Data Governance (5 CFU)
  - Module VII - Challenges and risks of artificial intelligence (5 CFU)

- **Part 4 - Application:**
  - Module VIII - Machine learning applications for cyber secure business innovation (10 CFU)

Modules I to VII consist of theoretical activities composed of face-to-face training, case study analysis, and classroom application activities. Module VIII consists of application activities to be carried out also during internships with partner companies.

Art. 2 - GENERAL ADMISSION REQUIREMENTS AND OBJECTIVES
The 2nd level Master's degree courses are reserved for holders of a second level degree or academic diploma or other equivalent qualification issued abroad and recognised as suitable according to current regulations. The MAIBS Master's programme is designed and organised as an advanced training service for second-level graduates to be employed in companies and public bodies interested in seizing the current and future opportunities of Artificial Intelligence and digital technologies. Its aim is to train highly qualified economists, statisticians, engineers, and political scientists, suitable for managerial roles and to carry out tasks of technological and economic guidance and development in the planning, execution, control and continuous improvement of highly innovative projects and...
Art. 3 - ORGANISATION OF TRAINING ACTIVITIES AND FREQUENCY
The training programme envisages a total commitment of 1,500 hours of training equal to 60 CFU, of which 500 hours of frontal teaching, all of which are provided during one academic year. Laboratory activities, seminars and educational trips are an integral part of the training.

The master's degree course is held entirely in English and awards 60 university training credits (CFU), recognised and spendable throughout Europe. The course is divided into 4 parts and 8 activity modules. For each module there is a compulsory final learning test for the recognition of the relative CFU.

Attendance at the course activities is compulsory and must be attested by the signatures of those enrolled. In view of the temporary measures to counter the spread of the Covid-19 pandemic contagion, attendance may take place remotely via the University of Tuscia's platforms. Absences of more than 25% of the total number of hours of lessons make it impossible to be admitted to the final examination and to obtain the qualification.

In the event of non-attendance, poor profitability or otherwise reprehensible behaviour, the Master's Degree Organising Committee may decide to suspend or exclude the participant. In such cases, the registration fees paid will not be refunded and scholarships received should be returned.

At the end of the course, subject to passing the various in itinere tests and the final test with discussion of the application project, the title of 2nd level University Master's Degree in Artificial Intelligence for Business and Security will be awarded.

Master's students who do not achieve the necessary preparation to obtain the qualification, either because they fail to pass the tests and/or because they do not attend the lessons/seminars of the Master's course, can make up for this within the academic year following that of their first enrolment by enrolling again and paying a new fee. After two years from the date of first enrolment, the student is either eligible to obtain the degree or can no longer aspire to obtain it, not even by re-enrolling.

Art. 4 - RECIPIENTS, ADMISSION REQUIREMENTS, AND ENROLMENT CONTRIBUTION
The course is open to Italian, EU and non-EU citizens with a regular residence permit in Italy, in possession of a second level degree or an old degree in Engineering, Computer Science, Mathematics, Physics, Statistics, Economics and similar qualifications declared equivalent by the authorising committee.

Pursuant to Article 142 of T.U. 1592/33, students may not simultaneously enrol in more than one university course, be it a Bachelor's degree, a Master's degree, a PhD, a Master's degree or a specialisation school.

Applicants may apply for admission if they have obtained a qualification outside Italy that is equivalent in level, nature, content, and academic rights to the Italian qualification required for admission to the chosen course.

Applicants must present the Dichiarazione di Valore issued by the Italian Diplomatic Representation of the country in which the qualification was obtained, together with a copy of the qualification. The Dichiarazione di Valore may be replaced by the Diploma Supplement (issued by the competent university and drawn up according to the European Commission model). A certified and legalised copy and an official translation of the qualification must in any case be submitted at the time of enrolment. A translation is not required for qualifications in English. The suitability of qualifications
obtained abroad for admission to the Course is assessed by the Master's Degree Organising Committee.

Non-EU citizens residing in Italy must present a copy of their valid residence permit. Non-EU citizens residing abroad must present their residence permit after enrolment.

Residence permit:
On arrival in Italy, within eight working days of entry, the residence permit must be requested from the competent precinct. The procedures for requesting a residence permit are the same as those for students enrolled on study courses or individual courses. In order to complete enrolment, a copy of the receipt for the application for the Residence Permit must be handed in to the Master's Office. Once the residence permit has been collected, a copy must be handed in as soon as possible and the original presented to the Master's Office.

The enrolment fee for the Master's course is € 5,000.00.

Scholarships will be made available to deserving students by certain bodies and private companies to cover all or part of the enrolment fee. The allocation of the scholarships will be determined by a committee of master's teachers on the basis of the indications of the Organising Committee. The scholarships will be awarded on the basis of a merit list drawn up at the time of selection according to the procedures set out in art. 4. Subject to the availability of private bodies and companies, the Master's Degree Organising Committee may make available new partial scholarships for the benefit of students enrolled on the course, again allocated according to the merit list.

Art. 5 - NUMBER OF AVAILABLE PLACES AND SELECTION METHODS
The Master's Course provides for a minimum number of 20 and a maximum number of 25 students. The following admission procedure is foreseen for the places available. If less than 25 applications are received, only the administrative verification of the candidates' requirements will be carried out and admission will be decided. If more than 25 applications are received, in addition to the necessary administrative verification, a selection of merit will be made by the authorising committee, which will take into account the following criteria:

1. Evaluation of the curriculum vitae and the relative motivational letter with consideration of the relevance of the Level II degree to the contents of the Master's course and of the degree grade (max 30 points);
2. Written test (to be carried out remotely) (max 30 points - minimum mark 21);
3. Oral interview (to be conducted remotely) (max 30 points - minimum mark 21).

The final ranking will be formed by summing the scores of the assessments referred to in points 1, 2 and 3 above. Those candidates deemed suitable and, in the event of exceeding the maximum number, those placed in a useful position in the ranking list shall be admitted to the Master's course.

If one or more of the admitted candidates withdraws, the vacancies will be filled by the first eligible candidates in the ranking list.

In the event of a tie, the candidate who is youngest in age will be admitted. In the event of a tie, the final determining factor will be the date of receipt of the application for admission to the
Master's course.
The administrative person in charge of the procedure is Anna Maria Stefania Filippetti (email: filippetti@unitus) who is entrusted with the management of this procedure. If the minimum number of enrolled students is not reached, the Department may decide not to start the Master.

**Art. 6 - SUBMISSION OF APPLICATION FOR ADMISSION TO THE SELECTION AND PUBLICATION OF ADMISSIONS**
The application for admission to the selection (drawn up as per Annex 1 to this document) can be consulted and downloaded at the following link: [https://form.typeform.com/to/JAXYQbTj](https://form.typeform.com/to/JAXYQbTj).

Together with the application for admission, the candidate must submit the following documents:

1. Self-declaration in lieu of certification drawn up in accordance with Presidential Decree 445/2000 attesting to the qualification which the candidate possesses on the date of submission of the application form. For candidates who have obtained a qualification outside of Italy, the provisions of art. 4 of this notice apply.
3. Curriculum vitae.
4. Motivational letter accompanying the application for admission.
5. After the completion of the form, the candidate will receive an e-mail confirming that the application has been sent.

The application for admission, together with all the above-mentioned documents, must be received by 30/Sep/2022 at 22:00.

Transmission of the application is done by completing the online procedure and automatically sending it by e-mail. Once the application has been transmitted, the applicant will receive a copy of it in the e-mail box indicated in the application.

Applications submitted in any other manner than that described above will not be accepted.

The declarations made by the candidates must be made in accordance with DPR 445/2000, the administration reserves the right to carry out the necessary checks on the truthfulness of the declarations made. The personal data provided by candidates will be collected at the University of Tuscia.

Pursuant to Legislative Decree 196/2003 and EU Regulation 679/2016 "General Data Protection Regulation" the person in charge of data processing is the University of Tuscia, the person in charge of data collection and processing is Prof. Alessio Maria Braccini.

Candidates' data will be collected, stored for a period of 5 years, and processed only for the purposes of managing the selection. The provision of such data is compulsory for the purposes of assessing the participation requirements, under penalty of exclusion from the selection.
By applying you accept the processing of your personal data for the purposes indicated above.

Enrolment in the Master's course will be finalised only after payment of the first enrolment instalment in accordance with the methods and times indicated:
- € 1,500,00 upon enrolment and in any case by 10/10/2022 (first instalment);
- € 1,500,00 by 30 March 2023 (second instalment);
- € 2,000,00 by 30 March 2023 (third instalment).
to be paid by bank transfer to the University of Tuscia - CIA:
Bank Intesa San Paolo
IBAN: IT65 L030 6914 5001 0000 0300 015
SWIFT/BIC CODE: BCITITMM

Art. 7 - PUBLICATION OF THE LIST OF ELIGIBLE MEMBERS / GRADUATORY LIST
Once the deadline for the receipt of applications has passed, the list of those admitted to the competition will be published on the DEIm department website, in accordance with the provisions of art. 6 of the present call. The publication of the list of those admitted has the value of notification to all effects. If the number of candidates exceeds the number of places available, candidates will be placed in a special merit list and only those who are among the winners in the above-mentioned list will be admitted to the Master's degree course; successful candidates will be admitted to the Master's degree course only if one or more winners withdraw.

Art. 8 - APPLICATION AND PAYMENT OF FEES OR NOTICE OF CANCELLATION
Candidates admitted to the Master must pay the first instalment of the enrolment fee as indicated in Art. 6.

Admitted participants who intend to withdraw from the Master's course must give written notice to the Master's e-mail address and to: maibs@unitus.it. Any registration fees already paid are non-refundable.

Art. 9 - PROCEDURES FOR THE FINAL EXAMINATION AND GRANTING OF THE TITLE
Students will be informed of the procedure for the final examination by means of a specific act passed by the Organising Committee. Passing the final examination is an essential condition for obtaining the Master's degree. The degree will be awarded by the Università degli Studi della Tuscia only after the regularity of the student's administrative position has been checked. Before taking the final examination, the student is required to complete the AlmaLaurea questionnaire.

Art. 10 - TREATMENT OF PERSONAL DATA
With reference to the provisions of EU Regulation No 679/2016 of 27.04.2016 "GENERAL REGULATION ON DATA PROTECTION" on the protection of persons and other subjects regarding
the processing of personal data, the processing of data relating to the master subject of the call will be carried out as described in the attached information, which is an integral part of the notice, which should be read.

Art. 11 - REFERENCE OFFICES FOR INFORMATION AND REGISTRATION

Administrative Manager: Marco Passarelli
Email: maibs@unitus.it

Viterbo, 05.06.2022

The Director