



PROFESSIONAL MASTER PROGRAMME SHEET - 2026-2027 A.Y.

<b>Title</b>	Data Science and Business Analytics
<b>Code</b>	5835
<b>Level</b>	Level I
<b>Director</b>	Claudio Sartori
<b>Registration fee for selection and enrolment fee</b>	<p>Registration fee for selection: € 60.00</p> <p><b>non-refundable contribution for administrative services (Article 1 of the call for applications).</b></p> <p>Enrolment fee: € 14.800</p> <p>Total contribution in figures:</p> <ul style="list-style-type: none"><li>• First Instalment € 1.850 to be paid strictly by 31/03/2026 for Round 1, 26/05/2026 for Round 2, 28/07/2026 for Round 3, and 6/10/2026 for Round 4.</li><li>• Second Instalment € 7.000 to be paid by 30/11/2026</li><li>• Third Instalment € 5.950 to be paid by 28/02/2027</li></ul> <p>Details regarding the payment methods for the second and third instalments, which must be settled by their respective deadlines, will be communicated to participants in due time via email.</p> <p>If external funding is provided by sponsoring institutions, full waivers and/or reduced tuition fees may be granted to candidates achieving the highest rankings across the four selection rounds.</p> <p>Reduced Tuition Schemes:</p> <p><b>Band 1:</b> reduced tuition €10.800. First instalment €1.850; second instalment €7.000; third instalment €1.950.</p> <p><b>Band 2:</b> reduced tuition €8.800. First instalment €1.850; second instalment €6.950.</p> <p><b>Band 3:</b> full tuition waiver; in case of a full waiver, students are still responsible for a fixed fee of €184.54 (regional tax, stamp duties, insurance, and diploma issuance).</p> <p>Tuition may also be covered by third-party sponsors (Public Bodies, Foundations, Companies, etc.). In such cases, the candidate must promptly request from the Program Office (<a href="mailto:professionalmasters@bbs.unibo.it">professionalmasters@bbs.unibo.it</a>) the nominal <i>Letter of Intent template</i>, through which the sponsoring entity</p>



	<p>formalizes its commitment and submits it to the University of Bologna via PEC (to: <a href="mailto:scriviunibo@pec.unibo.it">scriviunibo@pec.unibo.it</a>; cc: <a href="mailto:master@unibo.it">master@unibo.it</a>).</p>
<b>Subject area</b>	Science and technology
<b>Professional master programme description:</b> <b>objectives/targets</b>	<p>Pursuant to Decree no. 270 of 22 October 2004 of the Italian Ministry of Education, University and Research, for the academic year 2026–2027, Alma Mater Studiorum – Università di Bologna, with Bologna as the administrative seat, will run a first-level professional Master's programme in "Data Science and Business Analytics."</p> <p>The Master's programme is established at the proposal of the Department of Computer Science and Engineering (DISI) and in cooperation with the Bologna University Business School Foundation. The programme aims to train young professionals (Data Scientists) capable of managing large-scale data analytics (Big Data) in an international business context and contributing to value creation.</p> <p>The Master's programme develops three complementary skill sets: a strong computing and data science foundation, a solid understanding of technological aspects, and in-depth knowledge of business dynamics.</p>
<b>Titles required for admission</b>	<p>The programme is reserved for candidates who, by the time of enrolment (31/03/2026 for window 1, 26/05/2026 for window 2, 28/07/2026 for window 3, 6/10/2026 for window 4, are in possession of the following qualifications and access requirements:</p> <ul style="list-style-type: none"><li>• All first cycle degree and/or second / single cycle degree obtained under D.M. 270/04 or first cycle degree and/or second / single cycle degree obtained under the laws previously in force (DM 509/99 and Old Regulations);</li><li>• First cycle degree and/or second / single cycle degree obtained abroad deemed equivalent to those described in the point above by the admission committee, for the purposes of admission to the Master.</li></ul>
<b>Other admission requirements</b> <i>(registration with a professional register, specialisation school, other qualifications, English proficiency, work experience, etc.)</i>	<p>The documents required for the selection process are specified in the operational instructions (front-and-back copy of a valid ID; degree certificate), in addition to the specific documents listed below:</p> <ol style="list-style-type: none"><li>a) Curriculum Vitae in English;</li><li>b) Motivation Letter in English;</li><li>c) Reference Letter in English (optional);</li><li>d) Passport-style identification photo;</li><li>e) English language proficiency certificate (TOEFL, IELTS, or Cambridge English) demonstrating a minimum level of B2 according to the Common European Framework of Reference. Applicants who do not hold such certification will be required to sit a written test to verify English proficiency;</li></ol>



	<p>f) If available, GMAT or GRE score report, with a minimum score of 550 (GMAT) or equivalent (GRE). Candidates who do not possess such certification will be required to take the written aptitude test.</p> <p>Applicants holding a degree obtained abroad, if admitted, will be required to present the original documentation to the Master's Office, in accordance with what is stated in the <i>Conditional Enrollment Form</i>.</p>
<b>Course structure</b>	<ul style="list-style-type: none"><li>• Big Data For Industry 4.0 - Subject group: ING-INF/05 - ECTS credits: 3</li><li>• Business Intelligence &amp; Data Warehouse - Subject group: ING-INF/05 - ECTS credits: 3</li><li>• Performance Measurement System - Subject group: SECS-P/07 - ECTS credits: 3</li><li>• Customer &amp; Marketing Analytics - Subject group: SECS-P/08 - ECTS credits: 3</li><li>• Statistics And Data Analytics - Subject group: SECS-S/01 - ECTS credits: 3</li><li>• Data Mining - Subject group: ING-INF/05 - ECTS credits: 2</li><li>• Big Data Lab - Subject group: ING-INF/05 - ECTS credits: 4</li><li>• Fundamentals Of Artificial Intelligence - Subject group: ING-INF/05 - ECTS credits: 2</li><li>• Machine Learning - Subject group: ING-INF/05 - ECTS credits: 4</li><li>• Text Mining And Natural Language Processing - Subject group: ING-INF/05 - ECTS credits: 3</li><li>• Digital Economics - Subject group: SECS-P/01 - ECTS credits: 2</li><li>• Neural Networks And Deep Learning - Subject group: INF/01 - ECTS credits: 2</li><li>• Fundamentals Of Cyber Security (Elective) - Subject group: INF/01 - ECTS credits: 2</li><li>• AI Governance: Compliance, Ethics, And Sustainability - Subject group: IUS/01 - ECTS credits: 2</li><li>• Business Applications Of AI (Elective) - Subject group: INF/01 - ECTS credits: 2</li><li>• No Code (Elective) - Subject group: ING-INF/04 - ECTS credits: 2</li><li>• Generative AI Lab (Elective) - Subject group: INF/01 - ECTS credits: 2</li></ul>
<b>Administrative office</b>	Bologna
<b>Place of teaching</b>	Bologna Business School  Villa Guastavillani - Via degli Scalini 18, 40136 Bologna  Campus, New Building – Via degli Scalini 23, 40136 Bologna
<b>Language</b>	English
<b>Duration</b>	Annual
<b>ECTS credits</b>	60



<b>Compulsory attendance</b>	70%
<b>Teaching delivery methods</b>	<p>In-person attendance. Classes are scheduled from Monday to Friday, between 9:00 AM and 6:00 PM.</p> <p>For further information, please contact the Programme Office at <a href="mailto:professionalmasters@bbs.unibo.it">professionalmasters@bbs.unibo.it</a></p>
<b>Available places</b>	Min. 12 – Max. 40
<b>Application deadline (to register for selection)</b>	<p>Round 1: 02/03/2026 at 11:59 PM</p> <p>Round 2: 27/04/2026 at 11:59 PM</p> <p>Round 3: 29/06/2026 at 11:59 PM</p> <p>Round 4: 07/09/2026 at 11:59 PM</p>
<b>Selection date</b>	<p>The selection process will take place as follows:</p> <ul style="list-style-type: none"><li>• For applicants in Round 1: 05/03/2026 (written aptitude test and written English test) and 10–11/03/2026 (motivational interview);</li><li>• For applicants in Round 2: 30/04/2026 (written aptitude test and written English test) and 05–06/05/2026 (motivational interview);</li><li>• For applicants in Round 3: 02/07/2026 (written aptitude test and written English test) and 07–08/07/2026 (motivational interview);</li><li>• For applicants in Round 4: 10/09/2026 (written aptitude test and written English test) and 15–16/09/2026 (motivational interview).</li></ul>
<b>Selection method</b>	<p>Admission to the Master's programme is subject to the successful completion of the selection process, which consists of a written aptitude test, a written English language test, and a motivational interview. The Evaluation Committee may award a maximum of 100 points, and the minimum score required to be deemed eligible is 60/100.</p> <p>The written aptitude test and the written English test do not contribute to the final score; however, they are considered prerequisites for accessing the motivational interview.</p> <p>All selection tests will be conducted online via videoconference, at a time that will be communicated to candidates and in any case scheduled between 8:00 AM and 8:00 PM (Italian time).</p> <p>Candidates must attend the test with a valid identification document. Candidates who meet the eligibility requirements and who rank within the available slots—based on their overall score—will be admitted to the Master's programme.</p> <p>In the event of a tie, preference will be given to the younger candidate.</p>



<b>Date of ranking list Publication and opening of enrolments</b>	Round 1: 17/03/2026  Round 2: 12/05/2026  Round 3: 14/07/2026  Round 4: 22/09/2026  The rankings can be consulted on <a href="#">Studenti Online</a> by entering your username and password
<b>Enrolment period</b>	Round 1: from 17/03/2026 to 31/03/2026 at 11:59 PM Round 2: from 12/05/2026 to 26/05/2026 at 11:59 PM Round 3: from 14/07/2026 to 28/07/2026 at 11:59 PM Round 4: from 22/09/2026 to 06/10/2026 at 11:59 PM
<b>Students with a civil disability certificate of 66% or higher or a certificate pursuant to Law 104/92</b>	A number of 2 places are envisaged, even if they exceed the maximum number of available positions, for candidates who are deemed eligible through the selection process. These places include an exemption from tuition fees, net of fixed charges and the application fee.  For detailed information on the application and matriculation procedure, please refer to the single call for applications, art. 9
<b>Alumni Association members</b>	There are 2 reserved places, even in addition to the maximum number.  For details on how to apply, please refer to the single call for applications, art. 9
<b>Auditors</b>	There are auditors in a proportion of no more than 20 % of those enrolled, in accordance with art. 10 of the call for applications.  Interested persons must indicate their willingness directly to the professional master programme Administration Office by the enrolment deadline. Acceptance of the request will be communicated by 19/10/2026.  If not, all auditor places are filled by the above deadline, the Director reserves the right to also assess applications received later, until the available places are filled and, in any case, no later than the beginning of the lessons.  The auditor fee is 8,800.00 Euro  <i>(single instalment to be paid at the time of enrolment, the amount of which may be reduced by up to 50% of the registration fee).</i>  For information on the auditor status, please refer to art. 10 of the single call for applications.
<b>Implementing procedures:</b>	Internship: 500 hours – 20 ECTS



<ul style="list-style-type: none"><li>• <b>Internship/project work</b></li><li>• <b>Final examination</b></li></ul>	<p>Final Assessment: Upon verification of the regular completion of all payments, fulfillment of the minimum attendance requirement, successful completion of all examinations, and submission of all documentation required for the activation of the academic career, candidates must undergo an oral defense, either in person or online, of their internship report/project work. The purpose of the defense is to assess whether the learning outcomes defined by the Master's programme have been achieved.</p> <p>For information, please contact the professional master programme Programme Office (<a href="mailto:professionalmasters@bbs.unibo.it">professionalmasters@bbs.unibo.it</a>)</p>
<b>Start of lessons and information on the calendar of learning activities</b>	<p>Classes will begin in October 2026.</p> <p>Classes are held from Monday to Friday, between 9:00 AM and 6:00 PM, from October 2026 to June 2027. The programme is followed by the internship or project work.</p>
<b>More information</b>	<p>Students who decide to withdraw from or renounce participation in the Master's programme after having paid one or more instalments are not entitled to any refund of the amounts paid, regardless of the reason.</p> <p>Withdrawal from studies is a formal and irrevocable act through which a student terminates their academic career. The withdrawal form must be requested from the Master's Office (<a href="mailto:master@unibo.it">master@unibo.it</a>) and returned duly completed, signed, and affixed with the required revenue stamp, together with a front-and-back copy of a valid identity document and the university badge.</p> <p>For non-EU students, withdrawal from studies results in the loss of the requirements necessary to remain legally in Italy.</p> <p>It is not permitted under any circumstances to request a transfer from one Master's programme to another, nor to any other course offered by the University.</p>
<b>For administrative information</b>	<p>Contact the Ufficio Master at <a href="mailto:master@unibo.it">master@unibo.it</a></p> <p><b>Virtual help desk</b> Mondays and Fridays from 9.00 am. to 11.30 am</p>
<b>For scientific and teaching information</b>	<p>Pierluigi Sardella - +39 051 2090148 – <a href="mailto:professionalmasters@bbs.unibo.it">professionalmasters@bbs.unibo.it</a></p> <p>Michele Coco - +39 051 2090169 - <a href="mailto:professionalmasters@bbs.unibo.it">professionalmasters@bbs.unibo.it</a></p>