**HEADING**

| Degree classification - Denomination and code: | L-16 Management Science |
| Curricula currently available: | |
| Length of course: | 3 years |
| Total number of credits required to complete programme: | 180 |
| Years of course currently available: | 2nd, 3rd |
| Access procedures: | Cap on student, student selection based on entrance test |
| Course code: | B25 |

**PERSONS/ROLES**

**Head of Study Programme**  
Prof. Gabriele Bottino

**Tutors - Faculty**  
Prof. Alessandro Pellegata (Pratiche studenti)  
Prof.ssa Franca Maino (Erasmus)  
Prof.ssa Allegra Canepa (Piani di studio)  
Prof. Gabriele Bottino (Stage, Laboratori)

**Degree Course website**  
https://maps.cdl.unimi.it  
https://www.facebook.com/Managementpubblicoedellasanita/

**Course e-mail**  
Email: maps@unimi.it

**student tutor**  
Dott.ssa Lucia Cucchi e Dott.ssa Clara Zaffanella

**Student-worker tutor**  
Email: paec.orienta@unimi.it

**Tutor international students**  
Email: demm.international@unimi.it

**CHARACTERISTICS OF DEGREE PROGRAMME**

**General and specific learning objectives**  
The aims of the Management Pubblico e della Sanità (Public and Healthcare Management) degree course are:  
- to integrate different management skills (economic, legal, political, sociological, statistical skills)  
- to understand the processes of Italian and European public administrations  
- to understand the actual needs of organizations and citizens  
- to develop task-oriented and project-oriented reasoning  
- to recognize and overcome the typical traps of bureaucratic organizations  
- to learn how to use the technological tools for administrative innovation and communication with users

**Expected learning outcomes**  
On completion of the course, the student is expected to have acquired knowledge and skills related to:  
- the fundamentals of management from different perspectives: economic, legal, political, sociological, statistical, business;  
- the processes and operating rules of Italian and European public services and healthcare firms, also in their interaction
with political institutions;  
- an understanding of the concrete needs of business companies and citizens;  
- project- and goal-based thinking.

**Professional profile and employment opportunities**

Students graduating in MAPS are trained to work in public administration at national, regional, or local council level with intermediate-level positions.

MAPS graduates can also be employed by:

- Private businesses, in order to manage projects combining company objectives and public policies
- Consultancies, in order to carry out research and offer services based on interactions with public administration and the public health sector
- Professional bodies and trade associations, in order to monitor sectoral policies
- The Media, in order to improve communication to the public
- PR companies, in order to guarantee high technical and ethical standards in communication between private companies and Institutions
- Non-profit organisations, in order to do good and do it well

**Initial knowledge required**

Admission to the degree programme requires applicants to have a high school diploma or an equivalent suitable qualification from abroad.

To be admitted to the course students must sit an examination to check their linguistic-communication capabilities, in addition to taking an online test (TOLC-E) organised by the Consortium of Interuniversity Integrated Access Systems (CISIA). Subject knowledge for admission will be deemed acceptable if the scores in the selection band have been achieved. Students whose score is lower than the value stated in the selection band, limited to the area of verbal comprehension, will be assigned an additional learning obligation (OFA), which must be met and approved within the first year of the course.

The University organises specific tutoring support for the successful completion of the OFA. Additional information is available on the University study portal of the Faculty of Political, Economic & Social Sciences.

If students fail to satisfy the OFA within the required timescale, the following year they will be unable to sit the examinations for the years subsequent to the first year.

**English OFA**

To be able to sit the English examination stipulated in the curriculum, students must have level B1 English as defined by the Common European Framework of Reference for Languages (QCER). This level can be confirmed as follows:

- by sending a level B1 or higher language qualification certificate gained no more than 3 years prior to the date it is submitted (for a list of language qualifications accepted by the University, visit the University portal at https://www.unimi.it/it/studiare/competenze-linguistiche/placement-test-test-di-ingresso-e-corsi-di-inglese). Certificates must be uploaded at the time of enrolment, or at a later date on the portal at http://studente.unimi.it/uploadCertificazioniLingue;
- by sitting a placement test set exclusively by SLAM during the 1st year, between October and December. Students who fail the placement test must follow the courses delivered by SLAM. The placement test is compulsory for all students who do not have a valid qualification.

Students who do not sit the placement test by December, or do not pass the final test after 6 attempts, must obtain the qualification at their own expense, during the year in which the language examination is scheduled.

**Compulsory attendance**

Course attendance is highly recommended. Part time enrolment is available.

**Notes**

To be able to sit for the exams included in the degree programme, students are required to demonstrate their English language proficiency at level B1 within the Common European Framework of Reference for Languages (CEFR). This level can be assessed in the following ways:

- language certificate achieved no more than three years prior to the submission, at level B1 or higher, recognised by the University (the list of recognised language certificates can be found at: https://www.unimi.it/en/study/language-proficiency/placement-tests-entry-tests-and-english-courses). The language certificate must be uploaded during the admission process;
- by taking the Placement Test organised by SLAM, exclusively during the first year, from October to December. Students who fail to reach level B1 or B2 will have to attend an English course organised by SLAM. The Placement Test is compulsory for all students who do not have a valid language certificate.

Students who do not take the Placement Test within the deadline and students who fail the SLAM end-of-course test within six attempts will have to obtain a language certificate within the year in which the language exam is scheduled.

**Computer skills**

Students who are supposed to earn 3 credits (CFU) for basic computer skills, as provided by their degree programme, have
to attend the “Computer Science Course 3CFU”.
It is a blended course with a compulsory final exam.
Students who have already fulfilled an ICT Assessment during their previous studies should submit the related certification to their degree Secretariat, seeking its acknowledgement: it will be evaluated and they will receive a positive or negative feedback.
The “Computer Science Course 3CFU” course is managed by the CTU - Teaching and Learning Innovation and Multimedia Technology Centre.

EXPERIENCE OF STUDY ABROAD AS PART OF THE TRAINING PROGRAM
The University of Milan supports international mobility by providing its students with the opportunity to spend study and internship periods abroad. It is a unique chance to enrich your educational path in a new exciting environment.

The agreements entered into by the University with over 300 universities from the 27 EU member countries and other Extra-EU countries under the European Erasmus+ programme allow regularly enrolled students to carry out part of their studies at one of the partner universities or to undertake internships at companies, training and research centres and other organizations.

Similar international mobility opportunities are provided outside Europe, through agreements with a number of prestigious institutions.

Study and internships abroad
The three-year degree course in Public Management and Healthcare offers the opportunity to carry out study periods at European universities, where students who join the Erasmus+ Programme will be able to undertake a learning experience with the recognition of the activity abroad as part of their academic career. As part of the Erasmus+ Programme, exchange agreements are in place with partner institutions in Spain (University of Oviedo, University of Salamanca, University Jaume I de Castellón, Valencia, University of La Coruña), France (Université Catholique, Lille), Germany (Fachhochschule für öffentliche Verwaltung Nordrhein - Westfalen), Portugal (University of Coimbra), Croatia (University of Zagreb, University of Rijeka), Poland (University of Katowice, University of Gdansk, University of Lodz). The courses offered by international partners cover the main subjects and disciplines of Public Management and Healthcare. The student's choice of exams to be taken abroad is made before departure together with the Erasmus+ Programme Coordinator. Credits earned abroad are officially recognized on returning to Italy and then included in the individual study plan.

How to participate in Erasmus mobility programs
How to participate in Erasmus+ mobility programmes

The students of the University of Milan can participate in mobility programmes, through a public selection procedure. Ad hoc commissions will evaluate:
• Academic career
• the candidate's proposed study programme abroad
• his/her foreign language proficiency
• the reasons behind his/her application

Call for applications and informative meetings
The public selection for Erasmus+ mobility for study generally begins around February each year with the publication of a call for applications specifying destinations and requirements. Regarding the Erasmus+ Mobility for Traineeship, the University of Milan usually publishes two calls a year enabling students to choose a destination defined by an inter-institutional agreement or to find a traineeship position on their own.

The University organizes informative meetings to illustrate mobility opportunities and rules for participation.

Erasmus+ scholarship
The European Union grants the winners of the Erasmus+ programme selection a scholarship to contribute to their mobility costs, which may be supplemented by the University funding for disadvantaged students.

Language courses
Students who pass the selections for mobility programmes can benefit from intensive foreign language courses offered each year by the University Language Centre (SLAM).
https://www.unimi.it/en/node/8/

Learn more at https://www.unimi.it/en/node/274/

For assistance, please contact:
International Mobility Office
### 1st COURSE YEAR (disactivated from academic year 2023/24) Core/compulsory courses/activities common to all curricula

<table>
<thead>
<tr>
<th>Learning activity</th>
<th>Ects</th>
<th>Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business and Accounting</td>
<td>9</td>
<td>SECS-P/07</td>
</tr>
<tr>
<td>Economics</td>
<td>12</td>
<td>(6) SECS-P/02, (6) SECS-P/01</td>
</tr>
<tr>
<td>Political and Administrative Systems</td>
<td>9</td>
<td>SPS/04</td>
</tr>
<tr>
<td>Public Law</td>
<td>9</td>
<td>IUS/09</td>
</tr>
<tr>
<td>Quantitative Methods and Statistics for the Social Sciences</td>
<td>12</td>
<td>(6) SECS-S/01, (6) SECS-S/06</td>
</tr>
<tr>
<td>Sociology of Organisations</td>
<td>9</td>
<td>SPS/09</td>
</tr>
</tbody>
</table>

Total compulsory credits: 60

### 2nd COURSE YEAR Core/compulsory courses/activities common to all curricula

<table>
<thead>
<tr>
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<th>Ects</th>
<th>Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Law</td>
<td>9</td>
<td>IUS/10</td>
</tr>
<tr>
<td>Computer Science Course</td>
<td>3</td>
<td>INF/01</td>
</tr>
<tr>
<td>English for Management</td>
<td>6</td>
<td>IUS/01</td>
</tr>
<tr>
<td>Private law for management</td>
<td>9</td>
<td>SECS-P/03</td>
</tr>
<tr>
<td>Public Management</td>
<td>6</td>
<td>SECS-P/07</td>
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<tr>
<td>Public Policy</td>
<td>9</td>
<td>SPS/04</td>
</tr>
<tr>
<td>Social Research and Sociology of Professions</td>
<td>12</td>
<td>(6) SPS/07, (6) SPS/09</td>
</tr>
</tbody>
</table>

Total compulsory credits: 63

### Further elective courses common to all curricula

Students must choose 12 ECTS credits selecting courses of the other curriculum, or from other degree courses or in other faculties. This requires approval of the Teaching Board.

Students must gain 3 ECTS credits for other educational activities through:
- ascertainment of advanced computer skills (certifier: prof. Gabriele Bottino, gabriele.bottino@unimi.it)
- ascertainment of advanced knowledge of English or other languages other than the student's mother tongue
- internship (certifier: prof. Gabriele Bottino, gabriele.bottino@unimi.it)
- report on job activity, to be agreed upon with prof. Gabriele Bottino, gabriele.bottino@unimi.it
- attendance of (also external) courses and seminars subject to the approval of prof. Gabriele Bottino, gabriele.bottino@unimi.it

Additional Language Skills:
- French (3 ECTS)                                       | 3    | ND              |
- German (3 ECTS)                                       | 3    | ND              |
- Spanish (3 ECTS)                                      | 3    | ND              |
- Anglo-American (3 ECTS)                               | 3    | ND              |
- English (3 ECTS)                                      | 3    | ND              |
- French (3 ECTS)                                       | 3    | ND              |
- German (3 ECTS)                                       | 3    | ND              |
- Spanish (3 ECTS)                                      | 3    | ND              |

### End of course requirements common to all curricula

Final Exam                                               | 6    | NA              |

Total compulsory credits: 6

### ACTIVE CURRICULA LIST

- **PUBLIC MANAGEMENT** Course years currently available: 2°, 3°
- **HEALTHCARE MANAGEMENT** Course years currently available: 2°, 3°

### CURRICULUM: [B25-A] PUBLIC MANAGEMENT

**Notes**

XXX

### 3rd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features PUBLIC MANAGEMENT

<table>
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</tr>
<tr>
<td>Sociology of Organisations</td>
<td>9</td>
<td>SPS/09</td>
</tr>
</tbody>
</table>

Total compulsory credits: 60
Communication and Public Relation Management   6  SPS/11
Labour Law in Public Administration   6  IUS/07
Public Ethics   6  SPS/01
Public Organization Theory   6  SECS-P/10

Total compulsory credits 24

**Elective courses Curriculum-specific elective courses for PUBLIC MANAGEMENT**

Students can select two elective courses from the ones listed below

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Cost-Benefit Analysis</td>
<td>6</td>
<td>SECS-P/03</td>
</tr>
<tr>
<td>European Union Law</td>
<td>6</td>
<td>IUS/14</td>
</tr>
<tr>
<td>Management of Public services</td>
<td>6</td>
<td>SECS-P/07</td>
</tr>
<tr>
<td>Public Procurement Law</td>
<td>6</td>
<td>IUS/10</td>
</tr>
</tbody>
</table>

**CURRICULUM: [B25-B] HEALTHCARE MANAGEMENT**

3rd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features HEALTHCARE MANAGEMENT

<table>
<thead>
<tr>
<th>Learning activity</th>
<th>Ects</th>
<th>Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analysis of Needs and Evaluation in Healthcare Services</td>
<td>6</td>
<td>MED/42</td>
</tr>
<tr>
<td>Health Law</td>
<td>6</td>
<td>IUS/10</td>
</tr>
<tr>
<td>Healthcare Policies and Social and Health Services</td>
<td>6</td>
<td>SPS/04</td>
</tr>
<tr>
<td>Psychology of Interactions in Healthcare Work Teams</td>
<td>6</td>
<td>M-PSI/05</td>
</tr>
</tbody>
</table>

Total compulsory credits 24

**Elective courses Curriculum-specific elective courses for HEALTHCARE MANAGEMENT**

Students can select two elective courses from the ones listed below

<table>
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<tr>
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<td>6</td>
<td>SECS-P/07</td>
</tr>
<tr>
<td>Health Economics</td>
<td>6</td>
<td>SECS-P/03</td>
</tr>
<tr>
<td>Law &amp; Digital Economy</td>
<td>6</td>
<td>IUS/05</td>
</tr>
</tbody>
</table>

**COURSE PROGRESSION REQUIREMENTS**

- Public Law exam must be passed before sitting for Administrative Law.
- For students specialising in Public Management, the Public Law exam must be passed before sitting for European Union Law, Labour Law in Public Administration, Public Procurement Law.
- For students specialising in Health Management, the Public Law exam must be passed before sitting for Health Law.
- For students specialising in Public Management, the Private Law for Management exam must be passed before sitting for Labour Law in Public Administration and Public Procurement Law.
- For students specialising in Health Management, the Private Law for Management exam must be passed before sitting for Health Law.
- The Quantitative Methods and Statistics for the Social Sciences exam must be passed before sitting for Economics.
- The Economics exam must be passed before sitting for Public Finance and Public Policy.
- The Political and Administrative Systems exam must be passed before sitting for Public Policy.

Students are encouraged to sit for the Sociologia dell'organizzazione exam before Ricerca sociale e sociologia delle professioni; and to sit for Diritto Privato before Diritto Amministrativo.

Any extra training credits must be obtained by the end of the first year, so as to be granted access to the second and third years of the Bachelor’s degree in Health and Public Management.