

Prot. 2753 del 30/10/2024 Rep. 224/2024 Class. V/05

# Faculty of Civil and Industrial Engineering ACADEMIC YEAR 2024-2025 Call for Applications for the admission to the Honours Programme

#### THE DEAN

Having regard to The Ministerial Decree n. 270 of October 22nd, 2004;

Having regard to The "Honours Programme" general Regulation issued with

the D.R n. 1545/2023;

Having regard to The resolution of the Board of Directors n. 256 of July 18th,

2024;

Having regard to The resolution of the Faculty Council of September 18th, 2024;

#### **DECREES**

The Call for Application for the admission to the Honours Programme 2024-2025 for the following Degrees:

#### **Bachelor Degrees and Single-Cycle Master Degree:**

- Environmental Engineering L-7
- Aerospace Engineering L-9
- Chemical Engineering L-9
- Mechanical Engineering L-9
- Sustainable Building Engineering L-23
- Building Engineering Architecture LM-4 (single-cycle)

#### **Master Degrees:**

- Aeronautical Engineering LM 20 and Space and Astronautical Engineering LM-20
- Chemical Engineering LM-22
- Civil Engineering LM-23
- Transport Systems Engineering LM-23
- Environmental Sustainable Building Engineering LM-24



- Safety and Civil Protection Engineering LM-26
- Mechanical Engineering LM-33
- Environmental Engineering for Sustainable Development LM-35
- Environmental Engineering LM-35
- Nanotechnology Engineering LM-53

## 1. Admission requirements, candidate selection criteria and available positions

For the above-mentioned Degrees, the admission requirements, evaluation of applicants and available positions are specified in the Honour Programme Forms.

|  | ENVIRONMENTAL ENGINEERING L-7   |
|--|---|
| Admission                                  | Students enrolled in the A.Y. 2023-2024 for the first time in the first   |
| requirements                               | year who, by October 31st, 2024, have acquired all the credits  |
|  | required at the first year with a GPA of no less than 27/30   |
| Type of selection                          | Comparative   |
| Number of available                        | The available positions are 10.   |
| positions                                  | Students enrolled in the School for Advanced Studies of Sapienza  |
|  | will be admitted as supernumerary students  |
| Further information  Mid-term requirements | The Honours Programme involves extra educational activities in addition to those included in the Study Programme. The general outline of such activities is defined by the Area Council of the Programme in Environmental Engineering and is specifically detailed for each student by the assigned tutor. Activities to be performed include detailed disciplinary/interdisciplinary studies, seminars and internships.  The overall duty assigned to each student ranges from a minimum of 150 and a maximum of 200 hours per year.  In order to continue on the Honours Programme, students must have obtained all the credits required by their course for the year of attendance by December 31st, 2025, with a GPA of no less than 27/30, |
|  | and must have received a positive assessment of their specific  |
| Final requirements                         | assignments.  In order to complete the Honour Programme, the student, in  |
| rmariequirements                           | addition to having carried out the activities of the Programme, must  |
|  | have acquired, within the legal duration of the Bachelor Degree, all  |
|  | the required credits and have obtained a GPA of no less than 27/30.   |
| Contacts                                   | Contact information: Chair of the Programme in Environmental  |
|  | Engineering, Prof. Michele Cercato (michele.cercato@uniroma1.it)  |
|  | Prof. Alessandra Polettini (alessandra.polettini@uniroma1.it).  |



|                     | AEROSPACE ENGINEERING L-9   |
|---------------------|---|
| Admission           | Students enrolled in the A.Y. 2023-2024 for the first time in the first   |
| requirements        | year who, by October 31st, 2024, have acquired all the credits  |
|                     | required at the first year with a GPA of no less than 27/30   |
| Type of selection   | Comparative   |
| Number of available | The available positions are 15.   |
| positions           | Students enrolled in the School for Advanced Studies of Sapienza will be admitted as supernumerary students   |
| Further information | Students admitted to the Honour Programme will be involved in theoretical and methodological activities (including lectures, seminars, practical and experimental activities) held by the Faculty or other qualified Institutions, as well as to individual application and professional training activities and / or in groups, coordinated by Faculty professors. Each student admitted to the Honour Programme will be assigned a tutor, who will follow the student career and collaborate in the organisation of the activities agreed with the student.  The set of educational activities involves a maximum commitment of |
| Mid-term            | 150 hours per year.  At the end of the A.Y. 2024-2025, each student admitted to the   |
| requirements        | Honour Programme will be evaluated by the tutors. In the event of a   |
| requirements        | negative evaluation, the Chair of the Academic Council may order the non-admission to the following year of the Honour Programme. In order to continue on the Honour Programme, the student, in addition to having carried out the activities of the course, must have acquired all the university training credits (CFU) required for the second year of the Bachelor Degree and have obtained a GPA of no less than 27/30.  |
| Final requirements  | In order to complete the Honour Programme, the student, in  |
|                     | addition to having carried out the activities of the Programme, must  |
|                     | have acquired, within the legal duration of the Bachelor Degree, all  |
|                     | the required credits and have obtained a GPA of no less than 27/30.   |
| Contacts            | Further information: Angela Lo Bello (angela.lobello@uniroma1.it)   |

| CHEMICAL ENGINEERING L-9 |   |  |
|--------------------------|---|--|
| Admission                | Students enrolled in the A.Y. 2023-2024 for the first time in the first |  |
| requirements             | year who, by October 31st, 2024 have acquired all the credits required  |  |
|                          | at the first year with a GPA of no less than 27/30.                     |  |
| Type of selection        | Comparative   |  |
| Number of available      | The available positions are 10.   |  |
| positions                | Students enrolled in the School for Advanced Studies of Sapienza        |  |
|                          | will be admitted as supernumerary students.                             |  |



| Further Information | The overall activities of the Honour Programme extend over a minimum of 100 hours and a maximum of 150 hours per year.  |  |  |  |
|---------------------|---|--|--|--|
| Mid-term            | In order to continue on the Honours Programme, students must have   |  |  |  |
| requirements        | passed by October 31st 2025 all the exams required by their course  |  |  |  |
|                     | for the year of attendance, with a GPA of no less than 27/30, and must  |  |  |  |
|                     | have received a positive assessment of their specific assignments.  |  |  |  |
| Final requirements  | In order to complete the Honours Programme, students must have completed their specific assignments and must have acquired, within the legal duration of the course of study, all the expected ECTS with a GPA of no less than 27/30. |  |  |  |
| Contacts            | Further information: Prof. Cecilia Bartuli  |  |  |  |
|                     | (cecilia.bartuli@uniroma1.it)   |  |  |  |

| MECHANICAL ENGINEERING L-9 |   |  |
|----------------------------|---|--|
| Admission                  | Students enrolled in the A.Y. 2023-2024 for the first time in the first |  |
| requirements               | year who, by October 31st, 2024 have acquired all the credits required  |  |
|                            | at the first year with a GPA of no less than 27/30.                     |  |
| Type of selection          | Comparative   |  |
| Number of available        | The available positions are 15.   |  |
| positions                  | Students enrolled in the School for Advanced Studies of Sapienza        |  |
|                            | will be admitted as supernumerary students.                             |  |
| <b>Further Information</b> | The set of educational activities involves a maximum commitment of      |  |
|                            | 150 hours per year.   |  |
| Mid-term                   | In order to continue on the Honours Programme, the student must         |  |
| requirements               | have passed all the exams required by the course for the year of        |  |
|                            | attendance with a GPA of no less than 27/30.                            |  |
| Final requirements         | In order to complete the Honour Programme, the student, in addition     |  |
|                            | to having carried out the activities of the Programme, must have        |  |
|                            | acquired, within the legal duration of the course of study, all the     |  |
|                            | required credits and have obtained a GPA of no less than 27/30.         |  |
| Contacts                   | For further information refer to Angela Lo Bello                        |  |
|                            | (angela.lobello@uniroma1.it)  |  |

| SUSTAINABLE BUILDING ENGINEERING L-23 |   |  |
|---------------------------------------|---|--|
| Admission                             | Students enrolled in the A.Y. 2023-2024 for the first time in the first |  |
| requirements                          | year who, by October 31st, 2024 have acquired all the credits required  |  |
|                                       | at the first year with a GPA of no less than 27/30.                     |  |
| Type of selection                     | Comparative   |  |
| Number of available                   | The available positions are 7.  |  |
| positions                             | Students enrolled in the School for Advanced Studies of Sapienza will   |  |
|                                       | be admitted as supernumerary students.                                  |  |



| Further Information | The Honour Programme consists of additional training activities. These activities are indicated in the general terms by the Didactic Area Council in Sustainable Building Engineering and then defined in detail by the individual tutor of the student who has decided to undertake the Honour Programme. The set of educational activities |
|---------------------|--|
|                     | involves a maximum commitment of 100 hours per year.   |
| Mid-term            | The President of the Didactic Area Council verifies the possession of  |
| requirements        | the requisites on the basis of a report drawn up by the tutor. In order  |
|                     | to continue on the Honours Programme, students must have passed  |
|                     | all the exams required by their course for the year of attendance, with  |
|                     | a GPA of no less than 27/30.   |
| Final requirements  | In order to complete the Honour Programme, the student, in addition  |
|                     | to having carried out the activities of the Programme, must have   |
|                     | acquired, within the legal duration of the Degree, all the required  |
|                     | credits and have obtained an average exam score of not less than   |
|                     | 27/30.   |
| Contacts            | Further information: Cristiana Melilli (segreteriadirieti@uniroma1.it)   |

| BUILDING                   | ENGINEERING - ARCHITECTURE LM-4 (SINGLE-CYCLE)                          |  |
|----------------------------|---|--|
| Admission                  | Students enrolled in the A.Y. 2023-2024 for the first time in the third |  |
| requirements               | year who, by October 31st, 2024 have acquired at least 180 credits with |  |
| 1                          | a GPA* of no less than 27/30.   |  |
| Type of selection          | Comparative   |  |
| Number of available        | The available positions are 10.   |  |
| positions                  | Students enrolled in the School for Advanced Studies of Sapienza will   |  |
|                            | be admitted as supernumerary students.                                  |  |
| <b>Further Information</b> | Student activities in the Honour Programme are evaluated. Each          |  |
|                            | student admitted to the Honour Programme will be assigned a tutor       |  |
|                            | who will follow the student career and collaborate in the organisation  |  |
|                            | of the activities agreed with the student. The Honour Programme can     |  |
|                            | involve formative activities or study periods in Italy as well as       |  |
|                            | abroad, at Universities or research Institutions with which the Course  |  |
|                            | of Study has agreements.  |  |
|                            | The set of educational activities involves a minimum commitment of      |  |
|                            | 100 hours per year.   |  |
| Mid-term                   | In order to continue on the Honours Programme, students must have       |  |
| requirements               | passed all the exams required by their course for the year of           |  |
|                            | attendance, with a GPA* rounded to the unit of not less than 27/30.     |  |
| Final requirements         | In order to complete the Honour Programme, the student, in addition     |  |
|                            | to having carried out the activities of the Programme, must have        |  |
|                            | acquired, within the legal duration of the Degree, all the required     |  |
|                            | credits and have obtained a GPA* truncated at a unit of not less than   |  |
|                            | 27/30.  |  |



| Contacts | For<br>(rober | further    | information<br>Juniroma1.it), 06 | contact<br>4458 5187 | Roberta      | Cannata     |
|----------|---------------|------------|----------------------------------|----------------------|--------------|-------------|
| Note     | `             |            | thted with the cre               |                      | exam - 30 cu | ım laude is |
|          | calcul        | ated as 31 |                                  |                      |              |             |

| AERONAUTICAL ENGINEERING LM-20 - SPACE AND ASTRONAUTICAL ENGINEERING |  |  |
|--|--|--|
|  | LM-20  |  |
| Admission  | Students enrolled in the A.Y. 2023-2024 for the first time in the first  |  |
| requirements   | year who, by October 31st, 2024 have acquired all the credits required   |  |
|  | at the first year with a GPA of no less than 27/30.                      |  |
| Type of selection  | Comparative  |  |
| Number of available  | The available positions are 20.  |  |
| positions  | Students enrolled in the School for Advanced Studies of Sapienza will    |  |
|  | be admitted as supernumerary students.                                   |  |
| <b>Further information</b>   | Students admitted to the Honour Programme will be involved on            |  |
|  | theoretical and methodological activities (including lectures,           |  |
|  | seminars, practical and experimental activities) held by the Professors  |  |
|  | of the Faculty or from other qualified Institutions, as well as to       |  |
|  | individual application and professional training activities and / or in  |  |
|  | groups, coordinated by the Professors of the Faculty. Each student       |  |
|  | admitted to the Programme will be assigned a tutor, who will follow      |  |
|  | the student career and collaborate in the organisation of the activities |  |
|  | agreed with the student.   |  |
|  | The set of educational activities involves a maximum commitment of       |  |
|  | 150 hours per year.  |  |
| Final requirements   | In order to complete the Honour Programme, the student, in addition      |  |
|  | to having carried out the activities of the Programme, must have         |  |
|  | acquired, within the legal duration of the Degree, all the required      |  |
|  | credits and have obtained a GPA of no less than 27/30.                   |  |
| Contacts   | Further information: Angela Lo Bello (angela.lobello@uniroma1.it)        |  |

| CHEMICAL ENGINEERING LM-22 |   |  |
|----------------------------|---|--|
| Admission                  | Students enrolled in the A.Y. 2023-2024 for the first time in the first |  |
| requirements               | year who, by October 31st, 2024 have acquired all the credits required  |  |
|                            | at the first year with a GPA of no less than 27/30.                     |  |
| Type of selection          | Comparative   |  |
| Number of available        | The available positions are 10. Students enrolled in the School for     |  |
| positions                  | Advanced Studies of Sapienza will be admitted as supernumerary          |  |
|                            | students.   |  |
| <b>Further Information</b> | The overall activities of the Honour Programme will extend over a       |  |
|                            | minimum of 100 hours and a maximum of 150 hours per year.               |  |



| Final requirements | In order to complete the Honour Programme, the student, in addition      |
|--------------------|--|
|                    | to having carried out the activities of the Programme, must have         |
|                    | acquired, within the legal duration of the Degree, all the required      |
|                    | credits and have obtained a GPA of no less than 27/30.                   |
| Contacts           | Further information: Prof. Cecilia Bartuli (cecilia.bartuli@uniroma1.it) |

| CIVIL ENGINEERING LM 23 |  |  |  |  |
|-------------------------|--|--|--|--|
| Admission requirements  | Students enrolled in the A.Y. 2023-2024 for the first time in the first year who, by October 31st, 2024 have acquired all the credits required at the first year with a GPA of no less than 27/30.   |  |  |  |
| Type of selection       | Comparative  |  |  |  |
| Number of available     | The available positions are 7.   |  |  |  |
| positions               | Students enrolled in the School for Advanced Studies of Sapienza will be admitted as supernumerary students.   |  |  |  |
| Further Information     | The Honours Programme provides alternatively or integrated: a) Theoretical and methodological activities, such as, for example, participation in one or more courses indicated by the Area Council, participation in seminars proposed and / or organised by members of the Area Council, training activities at external locations agreed in line with the specific objectives of the individual career; b) Application activities relating to one or more topics covered during the theoretical and methodological activities c) Internships in companies and / or organisations, agreed and in line with the specific objectives of the individual career. The student's activities in the Honours Programme are subject to test. Each admitted student will be assigned a tutor, who will follow the development and collaborate in organising the activities in agreement with the student. The overall activities of the Honour Programme will extend over a minimum of 100 hours and a maximum of 200 hours per year. |  |  |  |
| Final requirements      | In order to complete the Honour Programme, the student, in addition to having carried out the activities of the Programme, must have acquired, within the legal duration of the Degree, all the required credits and have obtained a GPA of no less than 27/30.  |  |  |  |
| Contacts                | For further information contact: Ms. Bruna Zara (bruna.zara@uniroma1.it).  |  |  |  |



| TRANSPORT SYSTEMS ENGINEERING LM-23 |  |  |  |  |  |  |  |
|-------------------------------------|--|--|--|--|--|--|--|
| Admission                           | Students enrolled in the A.Y. 2023-2024 for the first time in the first                                      |  |  |  |  |  |  |
| requirements                        | year who, by October 31st, 2024 have acquired all the credits  |  |  |  |  |  |  |
|                                     | required at the first year with a GPA of no less than 27/30.   |  |  |  |  |  |  |
| Type of selection                   | Comparative  |  |  |  |  |  |  |
| Number of available                 | The available positions are 4.   |  |  |  |  |  |  |
| positions                           | Students enrolled in the School for Advanced Studies of Sapienza will be admitted as supernumerary students. |  |  |  |  |  |  |
| Further information                 | The Honour Programme includes, for admitted students, alternative  |  |  |  |  |  |  |
|                                     | or integrative activities:   |  |  |  |  |  |  |
|                                     | a) Theoretical and methodological activities, such as participation to                                       |  |  |  |  |  |  |
|                                     | courses indicated by the Area Council, seminars proposed and/or  |  |  |  |  |  |  |
|                                     | organised by members of the Area Council, external educational   |  |  |  |  |  |  |
|                                     | initiatives;   |  |  |  |  |  |  |
|                                     | b) Applicative activities concerning topics of theoretical and   |  |  |  |  |  |  |
|                                     | methodological activities.   |  |  |  |  |  |  |
|                                     | The activities of the student in the Honour Programme are subject  |  |  |  |  |  |  |
|                                     | to test. To each admitted student, a tutor teacher will be assigned to                                       |  |  |  |  |  |  |
|                                     | each admitted student, who will follow its development and will  |  |  |  |  |  |  |
|                                     | cooperate with her/him in the organisation of the activities for a   |  |  |  |  |  |  |
|                                     | minimum of 100 hours and a maximum of 200 hours per year.  |  |  |  |  |  |  |
| Final requirements                  | In order to complete the Honour Programme, the student must have   |  |  |  |  |  |  |
|                                     | carried out the planned activities and have acquired, by the legal   |  |  |  |  |  |  |
|                                     | duration of the course of study, all the planned 120 ECTS and have   |  |  |  |  |  |  |
|                                     | obtained a GPA of no less than 27/30.  |  |  |  |  |  |  |
| Contacts                            | For further information contact:   |  |  |  |  |  |  |
|                                     | Prof. Natalia Isaenko (natalia.isaenko@uniroma1.it)  |  |  |  |  |  |  |
|                                     | Prof. Gaetano Fusco (gaetano.fusco@uniroma1.it)  |  |  |  |  |  |  |



| ENVIRONMENT                | AL AND SUSTAINABLE BUILDING ENGINEERING LM-24                           |  |  |  |  |  |  |
|----------------------------|---|--|--|--|--|--|--|
| Admission                  | Students enrolled in the A.Y. 2023-2024 for the first time in the first |  |  |  |  |  |  |
| requirements               | year who, by October 31st, 2024 have acquired all the credits           |  |  |  |  |  |  |
|                            | required at the first year with a GPA of no less than 27/30.            |  |  |  |  |  |  |
| Type of selection          | Comparative   |  |  |  |  |  |  |
| Number of available        | The available positions are 7.  |  |  |  |  |  |  |
| positions                  | Students enrolled in the School for Advanced Studies of Sapienza        |  |  |  |  |  |  |
|                            | will be admitted as supernumerary students.                             |  |  |  |  |  |  |
| <b>Further information</b> | The Honour Programme includes, for admitted students, alternative       |  |  |  |  |  |  |
|                            | or integrative activities:  |  |  |  |  |  |  |
|                            | a) Theoretical and methodological activities, such as participation to  |  |  |  |  |  |  |
|                            | courses indicated by the Area Council, seminars proposed and/or         |  |  |  |  |  |  |
|                            | organised by members of the Area Council, external educational          |  |  |  |  |  |  |
|                            | initiatives;  |  |  |  |  |  |  |
|                            | b) Applicative activities concerning one or more topics of theoretical  |  |  |  |  |  |  |
|                            | and methodological activities.  |  |  |  |  |  |  |
|                            | The activities of the student in the Honour Programme are subject to    |  |  |  |  |  |  |
|                            | test. Each admitted student will be assigned a tutor who will follow    |  |  |  |  |  |  |
|                            | his/her development and will cooperate with her/him in the              |  |  |  |  |  |  |
|                            | organisation of the activities for a minimum of 100 hours and a         |  |  |  |  |  |  |
|                            | maximum of 200 hours per year.  |  |  |  |  |  |  |
| Final requirements         | To successfully complete the Honour Programme, the student must         |  |  |  |  |  |  |
|                            | have carried out the planned activities and have acquired, by the       |  |  |  |  |  |  |
|                            | legal duration of the course of study, all the planned 120 ECTS with    |  |  |  |  |  |  |
|                            | a GPA of no less than 27/30.  |  |  |  |  |  |  |
| Contacts                   | Further information: Cristiana Melilli (segreteriadirieti@uniroma1.it)  |  |  |  |  |  |  |

| SAFETY AND CIVIL PROTECTION ENGINEERING LM-26 |   |  |  |  |
|---|---|--|--|--|
| Admission                                     | Students enrolled in the A.Y. 2023-2024 for the first time in the first |  |  |  |
| requirements                                  | year who, by October 31st, 2024 have acquired all the credits required  |  |  |  |
|   | at the first year with a GPA of no less than 27/30.                     |  |  |  |
| Type of selection                             | Comparative   |  |  |  |
| Number of available                           | The available positions are 5.  |  |  |  |
| positions                                     | Students enrolled in the School for Advanced Studies of Sapienza will   |  |  |  |
|   | be admitted as supernumerary students.                                  |  |  |  |
| Further information                           | The set of educational activities involves a commitment for a           |  |  |  |
|   | minimum of 100 hours and a maximum of 200 hours per year.               |  |  |  |
| Final requirements                            | In order to complete the Honours Programme, the student, in             |  |  |  |
|   | addition to carrying out all the expected activities of the Programme,  |  |  |  |
|   | must have acquired all the required credits, within the legal duration  |  |  |  |
|   | of the course of study, and obtained a GPA of no less than 27/30.       |  |  |  |



| Contacts | For further information please refer to Prof. Mara Lombardi |
|----------|---|
|          | (mara.lombardi@uniroma1.it)                                 |

| MECHANICAL ENGINEERING LM-33 |   |  |  |  |  |  |
|------------------------------|---|--|--|--|--|--|
| Admission                    | Students enrolled in the A.Y. 2023-2024 for the first time in the first |  |  |  |  |  |
| requirements                 | year who, by October 31st, 2024 have acquired all the credits required  |  |  |  |  |  |
|                              | at the first year with a GPA of no less than 27/30.                     |  |  |  |  |  |
| Type of selection            | Comparative   |  |  |  |  |  |
| Number of available          | The available positions are 20.   |  |  |  |  |  |
| positions                    | Students enrolled in the School for Advanced Studies of Sapienza        |  |  |  |  |  |
|                              | will be admitted as supernumerary students.                             |  |  |  |  |  |
| Further Information          | The set of educational activities involves a maximum commitment of      |  |  |  |  |  |
|                              | 150 hours per year.   |  |  |  |  |  |
| Final requirements           | In order to complete the Honour Programme, the student, in addition     |  |  |  |  |  |
|                              | to having carried out the activities of the Programme, must have        |  |  |  |  |  |
|                              | acquired, within the legal duration of the course of study, all the     |  |  |  |  |  |
|                              | required credits and have obtained a GPA of no less than 27/30.         |  |  |  |  |  |
| Contacts                     | For further information please refer to Angela Lo Bello                 |  |  |  |  |  |
|                              | (angela.lobello@uniroma1.it)  |  |  |  |  |  |

| ENVIRONMENTA               | L ENGINEERING FOR SUSTAINABLE DEVELOPMENT LM 35                          |  |  |  |  |  |  |
|----------------------------|--|--|--|--|--|--|--|
| Admission                  | Students enrolled in the A.Y. 2023-2024 for the first time in the first  |  |  |  |  |  |  |
| requirements               | year who, by October 31st, 2024 have acquired all the credits required   |  |  |  |  |  |  |
|                            | at the first year with a GPA of no less than 27/30.                      |  |  |  |  |  |  |
| Type of selection          | Comparative  |  |  |  |  |  |  |
| Number of                  | The available positions are 9.   |  |  |  |  |  |  |
| available positions        | Students enrolled in the School for Advanced Studies of Sapienza will    |  |  |  |  |  |  |
|                            | be admitted as supernumerary students.                                   |  |  |  |  |  |  |
| <b>Further information</b> | The Honour Programme includes, for admitted students, alternative        |  |  |  |  |  |  |
|                            | or integrative activities:   |  |  |  |  |  |  |
|                            | a) Theoretical and methodological activities, such as participation to   |  |  |  |  |  |  |
|                            | courses indicated by the Area Council, seminars proposed and/or          |  |  |  |  |  |  |
|                            | organised by members of the Area Council, external educational           |  |  |  |  |  |  |
|                            | initiatives;   |  |  |  |  |  |  |
|                            | b) Applicative activities concerning one or more topics of theoretical   |  |  |  |  |  |  |
|                            | and methodological activities.   |  |  |  |  |  |  |
|                            | The activities of the student in the Honour Programme are subject to     |  |  |  |  |  |  |
|                            | test. To each admitted student, a tutor teacher will be assigned to each |  |  |  |  |  |  |
|                            | admitted student, who will follow its development and will cooperate     |  |  |  |  |  |  |
|                            | with her/him in the organisation of the activities.                      |  |  |  |  |  |  |
|                            | The Honours Programme may include periods of study and / or              |  |  |  |  |  |  |
|                            | internships at external locations, functional to the achievement of the  |  |  |  |  |  |  |
|                            | educational objectives of the course of study. ERASMUS students,         |  |  |  |  |  |  |



|                    | who carry out part of their curriculum at a Host University, can carry |
|--------------------|--|
|                    | out part of the Honours Programme at the foreign Institution that      |
|                    | hosts them.  |
|                    | The overall duty assigned involves a maximum commitment of 150         |
|                    | hours per year for the student, and it does not provide with the       |
|                    | recognition of CFUs that can be used for the achievement of the        |
|                    | Degree issued by Sapienza.   |
| Final requirements | In order to complete the Honour Programme, the student, in addition    |
|                    | to having carried out the activities of the Programme, must have       |
|                    | acquired, within the legal duration of the course of study, all the    |
|                    | required credits and have obtained a GPA of no less than 27/30.        |
| Contacts           | Contact information:   |
|                    | Franca Rieti (franca.rieti@uniroma1.it)                                |
|                    | Prof. Jacopo Tirillò (jacopo.tirillo@uniroma1.it)                      |

| ENVIRONMENTAL ENGINEERING LM-35 |  |  |  |  |  |  |
|---------------------------------|--|--|--|--|--|--|
| Admission                       | Students enrolled in the A.Y. 2023-2024 for the first time in the first  |  |  |  |  |  |
| requirements                    | year who, by October 31st, 2024 have acquired all the credits required at the first year with a GPA of no less than 27/30. |  |  |  |  |  |
| T                               |  |  |  |  |  |  |
| Type of selection               | Comparative  |  |  |  |  |  |
| Number of available             | The available positions are 10   |  |  |  |  |  |
| positions                       | Students enrolled in the School for Advanced Studies of Sapienza will  |  |  |  |  |  |
|                                 | be admitted as supernumerary students  |  |  |  |  |  |
| Further information             | The Honours Programme involves extra educational activities in   |  |  |  |  |  |
|                                 | addition to those included in the Study Programme. The general   |  |  |  |  |  |
|                                 | outline of such activities is defined by the Area Council of the   |  |  |  |  |  |
|                                 | Programme in Environmental Engineering and is specifically detailed  |  |  |  |  |  |
|                                 | by the assigned tutors. Activities to be performed include detailed  |  |  |  |  |  |
|                                 | disciplinary/interdisciplinary studies, seminars, internships. The   |  |  |  |  |  |
|                                 | overall duty assigned to each student ranges from a minimum of 150   |  |  |  |  |  |
|                                 | and a maximum of 200 hours per year.   |  |  |  |  |  |
| Final requirements              | In order to complete the Honour Programme, the student, in addition  |  |  |  |  |  |
|                                 | to having carried out the activities of the Programme, must have   |  |  |  |  |  |
|                                 | acquired, within the legal duration of the Bachelor Degree, all the  |  |  |  |  |  |
|                                 | required credits and have obtained a GPA of no less than 27/30.  |  |  |  |  |  |
| Contacts                        | Contact information: Chair of the Programme in Environmental   |  |  |  |  |  |
|                                 | Engineering, Prof. Michele Cercato (michele.cercato@uniroma1.it) or  |  |  |  |  |  |
|                                 | Prof. Alessandra Polettini (alessandra.polettini@uniroma1.it)  |  |  |  |  |  |



|                     | NANOTECHNOLOGY ENGINEERING LM-53   |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|
| Admission           | Students enrolled in the A.Y. 2023-2024 for the first time in the first  |  |  |  |  |  |
| requirements        | year who, by October 31st, 2024 have acquired all the credits required   |  |  |  |  |  |
|                     | at the first year with a GPA of no less than 28/30.  |  |  |  |  |  |
| Type of selection   | Comparative  |  |  |  |  |  |
| Number of available | The available positions are 10.  |  |  |  |  |  |
| positions           | Students enrolled in the School for Advanced Studies of Sapienza will  |  |  |  |  |  |
|                     | be admitted as supernumerary students.   |  |  |  |  |  |
| Further information | Students admitted to the Honour Programme will dedicate themselves to the following additional training activities: - participation to theoretical and methodological activities (including lessons, seminars, practical and experimental activities) held by the Professors of the Faculty or from other qualified Institution; - participation to academic and/or industrial research activities in the field of experimental, computational and design modelling nanotechnologies; - participation in schools, conferences, seminars, national and international workshops related to different aspects of nanotechnologies and nanoscience.  Additional training activities can also be identified within the didactic activities organised by the School for Advanced Studies of Sapienza University of Rome.  All training activities involve an annual hourly commitment for the student between 100 and 150 hours. |  |  |  |  |  |
|                     | The activities carried out do not give rise to the recognition of credits that can be used to obtain university degrees issued by Sapienza University of Rome.   |  |  |  |  |  |
| Final requirements  | In order to positively conclude the Honour Programme, students have  |  |  |  |  |  |
|                     | to complete the activities specifically foreseen in the path to acquire  |  |  |  |  |  |
|                     | all the foreseen credits within the legal duration of the Degree and to  |  |  |  |  |  |
| Contacts            | have a GPA of no less than 28/30.  Students are invited to check the website   |  |  |  |  |  |
| Contacts            | Students are invited to check the website https://web.uniroma1.it/nano/regole-e-info/regolamento-percorso-eccellenza. For further information please contact Valerio Nardone (valerio.nardone@uniroma1.it) for technical matters and Prof. Alessio Tamburrano, Chair of the Didactic Area Board,   |  |  |  |  |  |
|                     | (alessio.tamburrano@uniroma1.it) for didactic matters.   |  |  |  |  |  |



#### 2. –Application: ON-LINE submission and documents

Within the deadline indicated below, the student must submit the application for the comparative evaluation by using the specific <u>Google Form</u>.

The student must fill in attachment A of this Call and, together with the list of the registered exams downloadable form InfoStud, upload them in a single pdf file of maximum 10 Mb.

#### 3. Evaluation of titles and ranking

The applications, sent within the deadline, will be evaluated by Selection Boards proposed by the respective Faculty Council and nominated by the Faculty Dean. The Boards will set up a ranking for each program containing the students who applied for the Honour Programme, based on the sum of the exams taken and other criteria which might be evaluated at the discretion of the Selection Board. In case of equal score, priority will be given to younger candidates.

Rankings will be published on the Trasparenza website <a href="https://web.uniroma1.it/trasparenza/">https://web.uniroma1.it/trasparenza/</a> and on the Faculty website <a href="https://www.ing.uniroma1.it/percorso-di-eccellenza">https://www.ing.uniroma1.it/percorso-di-eccellenza</a> by 10/12/2024.

#### 4. General structure of the program

- a) **Objectives and definition**. The Honour Programme aims to enhance the education of deserving students interested in furthering activities concerning cultural integration and scientific research methods.
- b) **Activities** The Honour Programme consists of formative activities in addition to the compulsory ones. These activities are partially programmed by the Faculty Council and consist of disciplinary or interdisciplinary studies, seminars and internships partially defined with each student on the basis of their cultural and scientific interests.

Added formative activities can be selected amongst the various activities organised by the School for Advanced Studies of Sapienza for students not belonging to the SAS too.

The complex of training activities implies for the student a minimum commitment of 100 hours and a maximum of 200 hours per year and it does not give any rise to the recognition of the university educational credits (ECTS), which can be used to obtain university degrees issued by Sapienza



University of Rome. The number of hours of each program is specified in the attachments.

Each student admitted to the program will receive a tutor professor, who will follow the student's Honour Programme and will organise with him the activities agreed. The tutor professor, at the end of each academic year, will report on the student's Honour Programme in order to verify the intermediate, where required, and final requirements.

c) **Final certification** – At the achievement of the educational qualification, the Faculty Council will certify the positive conclusion of The Honour Programme for each student. The Student Secretariat, obtained this certification, will provide the registration of The Honour Programme in order to record it in the student's career.

Together with this certification, the University grants to the student a prize equal to the amount of fees paid in the last year of the course. The Student Secretariats provide the refund on the basis of the aforementioned certification.

#### 5. Responsible of the administrative procedure and jurisdiction

In accordance with the articles 4, 5 and 6 of the Italian Law n. 241/90, Dr. Apollonia Matrisciano (lia.matrisciano@uniroma1.it) has been designated as responsible for this administrative procedure.

For further information contact: Dr. Luca Blundo (<u>luca.blundo@uniroma1.it</u>).

For any dispute, the Court of Rome has exclusive jurisdiction.

#### 6. Final regulation

Personal data provided for the application to the call will be used in accordance with the dispositions of rightfulness and protection of privacy as per Legislative Decree n. 196/2003. These data will be used only for institutional aims of the University and, in particular, for the fulfilment of this call. Relatively these, interested parties can exercise the rights as per aforementioned Legislative Decree.

#### The deadline to submit the application is 30/11/2024

This Call for Applications is published in Italian too.



In case of interpretative conflicts between the two versions (ITA and EN), the Italian text will prevail.

Rome, 29/10/2024

The Dean

Prof. Carlo Massimo Casciola Firma autografa sostituita a mezzo stampa ai sensi dell'art. 3, comma 2, del D.Lgs. 39/93



#### ANNEX A

### ACADEMIC YEAR 2024-2025 Call for the admission to the Honour Programme Faculty of Civil and Industrial Engineering

The student must **fill in** the present **form** in its entirety and send it **together with the list of the registered exams** downloadable from InfoStud. The arrangements and the deadline are indicated in the Call, for each program.

#### The undersigned

| Last Name      |  | Name    |    |  |
|----------------|--|---------|----|--|
| Born in        |  | Country | on |  |
| student number |  | E-mail  |    |  |
| Phone Number   |  |         |    |  |

#### **APPLIES**

to the Honour Programme for the Degree in (mark the corresponding box, one single choice)

| Environmental Engineering L-7                            |
|--|
| Aerospace Engineering L-9                                |
| Chemical Engineering L-9                                 |
| Mechanical Engineering L-9                               |
| Sustainable Building Engineering L-23                    |
| Building Engineering - Architecture LM-4 (single-cycle)  |
| Aeronautical Engineering LM 20 - Space and Astronautical |
| Engineering LM-20  |
| Chemical Engineering LM-22                               |
| Civil Engineering LM-23                                  |
| Transport Systems Engineering LM-23                      |
| Environmental and Sustainable Building Engineering LM-24 |
| Safety and Civil Protection Engineering LM-26            |
| Mechanical Engineering LM-33                             |



| Environmental Engineering for Sustainable Development LM-35 |  |
|---|--|
| Environmental Engineering LM-35                             |  |
| Nanotechnology Engineering LM-53                            |  |

To this end, **pursuant to the D.P.R. December 28th, 2000, n. 445**, the undersigned declares to have acquired all the requirements to access this Call.

|       | Signature |
|-------|-----------|
| Rome, |           |
|       |           |