Università di Genova
DIBRIS DIPARTIMENTO
DI INFORMATICA, BIOINGEGNERIA,
ROBOTICA E INGEGNERIA DEI SISTEMI

MOTIVATION FORM FOR ROBOTICS ENGINEERING

General Instructions (please read carefully)

To show your motivation for the M.Sc. in Robotics Engineering, please fill out this motivation form. There are **2 parts that you must fill out**. Failing to use this mandatory form properly will lead in obtaining a low grade on the motivation criterion.
Use font size 11 or 12.

PART I – You and your motivations

Instructions:
This part helps us understand who you are as a person and maybe as a future Robotics Engineering student. You do not need to address anyone with an introductory phrase such as "To whom it may concern" or "Dear…". Simply answer each question one by one like in a regular form. There is no need to use connecting words between the answers to each question. The size of these boxes should not be changed.

1) State in short why you want to apply for the M.Sc. in Robotics Engineering at the University of Genoa (300-500 characters, spaces not included).

2) Develop your strongest qualifications, past experiences and qualities that will help you to succeed. Specify how your bachelor's is relevant to succeed in Robotics Engineering @ UniGe (500-1000 characters, spaces not included).

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3) Develop what will be your professional project after getting your master's degree Do you want to work immediately, or do you want to do a Ph.D.? Do you plan to stay in Italy, if possible? (300-500 characters, spaces not included).

4) Have you checked the manifest of Robotics Engineering @ UniGe? If so, what classes have drawn your attention? What would you choose? (300-500 characters, spaces not included).

5) Specify how you discovered the programme Robotics Engineering @ UniGe and where you gathered information. You can check more than one.

- ☐ friends
- ☐ students who already attended Robotics at UniGe
- ☐ JEMARO/EMARO double degree programs
- ☐ UniGe website
- ☐ student recruitment agencies
- ☐ other (please specify below)

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6/ What is your rank in your student's batch/cohort? If possible, submit a diploma supplement/degree annex in the application to certify your rank. It helps understand the voting scale used by your University.

Example of degree annex highlighting the ranking of the student depending on the final CGPA

Internal assessment(1)	Corresponding international assessment	absolute number	Percentage of the total
[16,32-13,35]	**A**	**23**	**First 10%**
[13,34-11,094]	B	56	Next 25%
[11,089-10,18]	C	69	Next 30%
[10,15-09,26]	D	56	Next 25%
[09,23-07,27]	E	23	Next 10%

(1): This column is calculated based on the overall ranking averages of students who obtained the Degree during the same academic year. After ranking the scores, the range of scores for the top 10% of the population constitutes the first class to be placed in the first column (Grade A). The range of the next 20% constitutes the second class to be placed in the second row of the same column (Grade B), and so on. Each time, the absolute number corresponding to the calculated class will be determined.

PART II – Your background

Instructions:

This part comes as an additional tool to your transcripts. It is meant to help us understand your academic background and how it relates to Robotics Engineering.

Fill out the tables 1 & 2 following the indications given.

Table 1 – Recall of your studies

Undergraduate degree title (if you also obtained a master, mention it too)	
Mention minor/major or specialization if any	

Table 2 – Links between your curriculum and Robotics Engineering

Example on how to fill out the table (the matrix to fill out is on the next 2 pages, in red):

THEME	Key concept	Not covered	Beginner	Intermediate	Advanced	Most relevant course(s) where the concept was covered (list 3 courses max.)
Artificial Intelligence	Knowledge representation	X				*N/A*
	Machine learning				X	*ML201 Supervised learning* *ML302 Deep learning* *ML405 Advanced Machine learning*
	Symbolic AI		X			*SAI101 Introduction to symbolic AI*

THEME	Key concept	Not covered	Beginner	Intermediate	Advanced	Most relevant course(s) where the concept was covered (list 3 courses max.)
Artificial Intelligence	Knowledge representation	☐	☐	☐	☐	
	Machine learning	☐	☐	☐	☐	
	Symbolic AI	☐	☐	☐	☐	
	Generative AI	☐	☐	☐	☐	
	Foundation Models	☐	☐	☐	☐	
Computer Engineering	Digital and embedded systems	☐	☐	☐	☐	
	Object-oriented programming	☐	☐	☐	☐	
	Operating systems	☐	☐	☐	☐	
Control Engineering	Controllers	☐	☐	☐	☐	
	Laplace transform	☐	☐	☐	☐	
	Linear systems	☐	☐	☐	☐	
	Non-linear systems	☐	☐	☐	☐	
	Stability	☐	☐	☐	☐	
Mechanics	Mechanical design methods	☐	☐	☐	☐	
	Theory of mechanism and machines (kinematic and dynamic modelling)	☐	☐	☐	☐	

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THEME	Key concept	Not covered	Beginner	Intermediate	Advanced	Most relevant course(s) where the concept was covered (list 3 courses max.)
Mathematics	2D/3D geometry	☐	☐	☐	☐	
	Differential calculus	☐	☐	☐	☐	
	Linear and matrix algebra	☐	☐	☐	☐	
	Logics	☐	☐	☐	☐	
	Numerical methods	☐	☐	☐	☐	
Programming	C/C++	☐	☐	☐	☐	
	MATLAB	☐	☐	☐	☐	
	Python	☐	☐	☐	☐	
Robotics	Industrial robotics	☐	☐	☐	☐	
	Manipulators modelling	☐	☐	☐	☐	
	Mobile robots	☐	☐	☐	☐	
	Robotic control	☐	☐	☐	☐	
	Robotic software programming	☐	☐	☐	☐	

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