

SALONE DELL'ORIENTAMENTO 2026

CORSO DI LAUREA MAGISTRALE

INGEGNERIA INFORMATICA

COMPUTER ENGINEERING

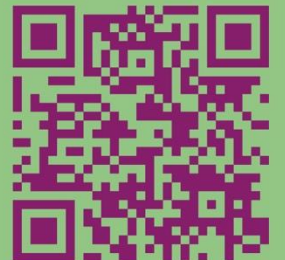
Software path

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**Politecnico
di Torino**

**SCOPRI TUTTI I
CORSI DI STUDIO
A.A. 2026/27
www.polito.it**



How do you see yourself in the future?

What is your role model?

agilemanifesto.org

Individuals and interactions *over*

processes and tools

Working software *over*

comprehensive documentation

Customer collaboration *over*

contract negotiation

Responding to change *over*

following a plan

agilemanifesto.org

Build projects around motivated individuals. Give them the environment and support they need and trust them to get the job done.

Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.

“Software” path objectives

- Provide the instruments to **manage** software development
 - Technologies
 - Processes
- Transversal knowledge and skills

Key Courses

- **Software Engineering I**
 - Software development life cycle
- **Information Systems**
 - Support business processes in organizations, analysis of needs
- **Software Design and Architecture**
 - Design and Architecture of Software systems
- **Formal Languages and Compilers**
 - Definition and Parsing of formal languages
- **Software Engineering 2**
 - Management of a software development project
 - Agile methods (Scrum)

Alternatives

Software vs. other (closer) paths

	Software	AI & DA	Comp. & Net Infrastr.	Grafica & Multimedia
1 st Year	Computer Architectures	Computer Architectures	Computer Architectures	Computer Architectures
	Data Science & Db Tech	Data Science & Db Tech	Data Science & Db Tech	Data Science & Db Tech
	Computer Network Techs & Services	Computer Network Techs & Services	Internet Architecture and Techs	Computer Network Techs & Services
	Software Engineering I	Big Data Proc. & Analytics	Cloud Computing Techs	Computer Graphics
	Information Systems	Software Engineering	Software Engineering	Software Engineering
	Wep App I	Web App I	Web App I	Image Processing and Vision
	Sys & device programming	Sys & device programming	Sys & device programming	Sys & device programming
	Formal Langs / Sw Design & Archi	ML & Pattern Recognition	Enterprise Networks	Computer Animation
2 nd Year	IS Security	IS Security	IS Security	ML for vision and multimedia
	Software Engineering 2	Advanced ML	Software Networking	Virtual and augmented reality
	Choice 1	Choice 1	Choice 1	Choice 1
	Free credits	Free credits	Free credits	Free credits
	Choice 2	Choice 2	Choice 2	Choice 2
	Thesis/stage	Thesis/stage	Thesis/stage	Thesis/stage

Optional Courses

- **Human Computer Interaction**
- **Distributed systems programming**
- **Mobile application development**
- **Web Applications II**
- **Cloud Programming and Operations**
- **Large Language Models for Software Engineering**

... plus many others!

Software Engineer

- Define
- Design
- Develop
- Verify
- Release
- Maintain



Software

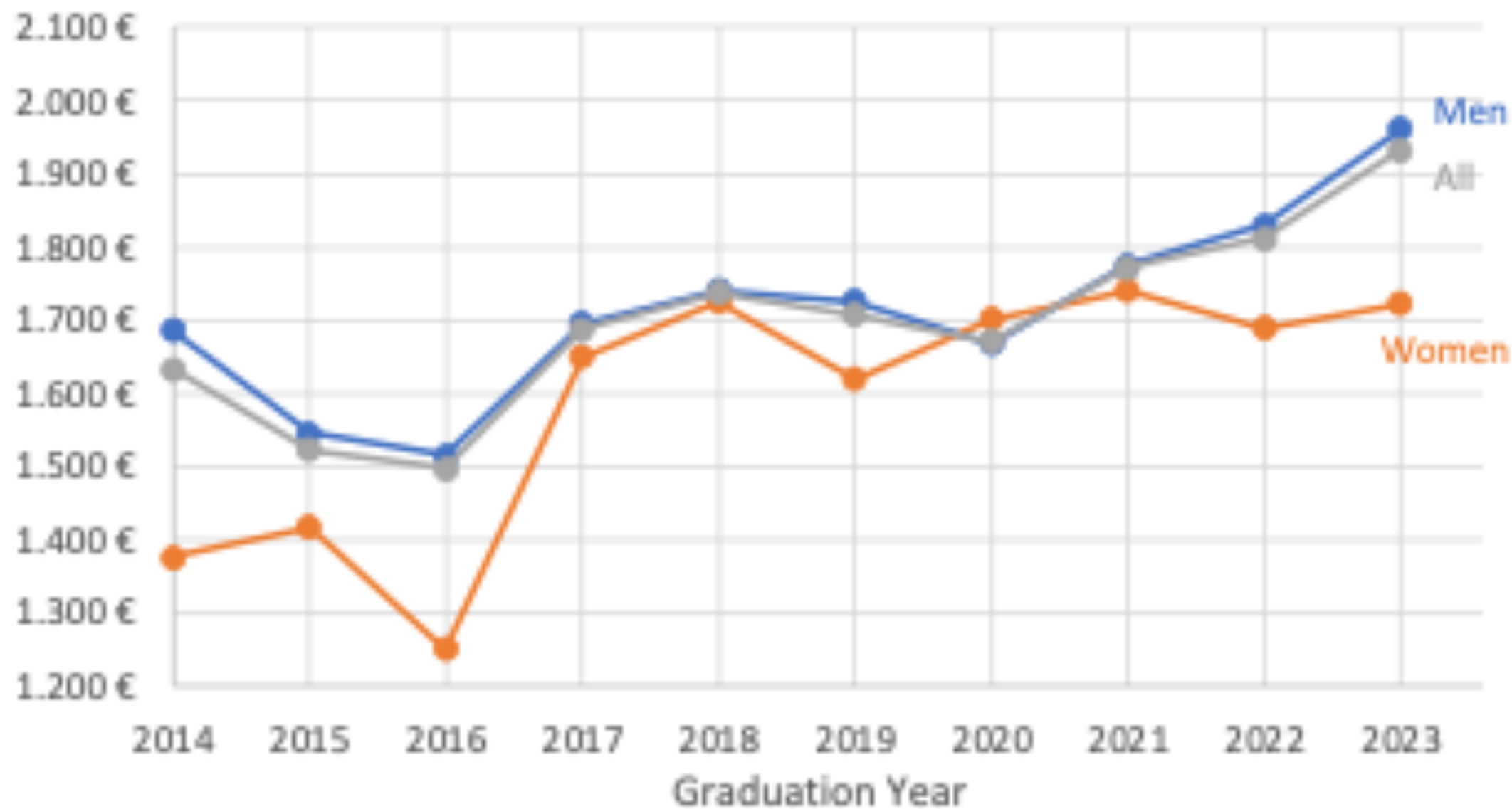
- Negotiate
- Estimate
- Plan
- Control

Professional outcomes

- **System analyst**
 - Understanding an organization's needs, formalizing them and identifying suitable solutions from technological and architectural perspectives
- **Software engineer**
 - Designing in detail specific solutions, select the appropriate tools and techniques and develop them
- **Software architect**
 - Designing the overall architecture of a large software-based system
- **Software quality engineer**
 - Organizing the quality assurance processes (testing, reviews, code quality, etc.)
- **Software project manager**
 - Managing a team of developers to produce software systems

Net Salary 1 Year after graduation

Computer Engineering Graduates from Politecnico di Torino



Net Salary 3 Years after graduation

Computer Engineering Graduates from Politecnico di Torino

