

# 2026/2027"

|         | I semestre                                                         |     | II semestre                                |     |
|---------|--------------------------------------------------------------------|-----|--------------------------------------------|-----|
|         | Insegnamento                                                       | CFU | Insegnamento                               | CFU |
| I anno  | Electron Devices and Components                                    | 6   | Optoelectronic Instrumentation and Sensors | 9   |
|         | Hardware and Software Co-Design (modulo Digital Core)              | 6   | Microwave and Photonic Components          | 6   |
|         | Hardware and Software Co-Design (modulo Analog-Digital Interfaces) | 6   | Analog and Mixed Signal Circuit Design     | 9   |
|         | Model-Based Digital Controls                                       | 6   | Networking and Internet of Things          | 9   |
|         |                                                                    |     |                                            |     |
| II anno | Emerging Nanoelectronics                                           | 9   |                                            |     |
|         | Learning Based Signal Processing                                   | 6   |                                            |     |
|         | Quantum and Integrated Photonics                                   | 6   |                                            |     |
|         | Computer Aided Design of Electronic Systems                        | 6   |                                            |     |
|         |                                                                    |     |                                            |     |

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|------------------------------------|----|
| Trainship/Design Activity/Eligible | 18 |
| Prova Finale/Tesi                  | 18 |