

Engineering

Subject	Code	Semester	Credits	Language	
Computer architecture I	20367	1st	6	Catalan or Spanish	
Operating systems III	20378	1st	6	Spanish	
Advanced architectures	20385	1st	6	Spanish	
Integrated circuits design I	25009	1st	6	Spanish	
Hardware/Software Co-design	25005	1st	6	Catalan	
Technology of Digital Systems	25019	1st	6	Catalan	
Image processing	20380	1st	6	Catalan	
Computer security	20375	1st	6	Catalan	
Coding theory	20374	1st	6	Catalan	
Data transmission	25021	1st	6	Catalan	
Robotics and industrial automation	25015	1st	6	Catalan	
Automatic control	25006	1st	6	Catalan	
Economy and industrial organization	20588	1st	6	Catalan or Spanish	
Projects	29054	1st	6	Catalan or Spanish	
Materials science	23395	1st	6	Catalan or Spanish	
Gaseous emissions treatment techniques	24664	1st	6	Catalan	
Electromagnetic compatibility	26113	1st	6	Spanish	
High-frequency technology and systems	26116	1st	6	Catalan or Spanish	
Wireless communications	26117	1st	6	Catalan or Spanish	
Design of advanced digital receivers	26290	1st	6	Catalan or Spanish	
Computer networks II	24998	2nd	6	English	
Methods of numerical calculation	20373	2nd	6	Catalan or Spanish	
Computer architecture II	24995	2nd	6	Catalan or Spanish	
Integrated circuits design II	25010	2nd	6	Catalan	
Specific-Application Standard Integrated Circuits	25008	2nd	6	Catalan	
Computer graphics II	25011	2nd	6	Catalan	
Computer vision	20391	2nd	6	Catalan	
Expert systems	20383	2nd	6	Catalan	
Industrial computing	25012	2nd	6	Catalan	
Production planning	25013	2nd	6	Catalan	
Computer-based control	25007	2nd	6	Catalan	
Equipment and facilities design	20630	2nd	6	Catalan or Spanish	
Environmental technology	29063	2nd	6	Catalan or Spanish	
Production and quality	29167	2nd	4,5	Catalan or Spanish	
Materials resistance and construction	29173	2nd	6	Catalan or Spanish	
Environmental impact assessment and environmental audit	24669	2nd	4,5	Spanish	
Industrial production and environment	24671	2nd	6	Catalan	
Cryptography and network security	26118	2nd	6	Catalan	
Design of microwave and millwave passive circuits	26114	2nd	6	Catalan or Spanish	
Satellite communications and navigation	26115	2nd	6	Catalan or Spanish	
Remote sensing	26119	2nd	6	Spanish	