

DEGREE IN COMPUTER ENGINEERING (2015-16)



Código: B203	Fecha de aprobación: 25/09/2001	Precio: 19,07 1st-registration credits
Créditos: 364,50	Título: Undergraduate 3-5 years	

RAMA

Science and Technology

PLAN

Degree in Information Technology - programme 2001

TIPO DE ENSEÑANZA

Face-to-face

CENTROS DONDE SE IMPARTE

Polytechnic School

ESTUDIO IMPARTIDO CONJUNTAMENTE CON

Solo se imparte en esta universidad

FECHAS DE EXAMEN

[Acceda al listado de fechas de examen para esta titulación.](#)

PLAN DE ESTUDIOS OFERTADO EN EL CURSO 2015-16

Nodo inicial:

Leyenda: No ofertada Sin docencia

PRIMER CICLO

TRONCALS

109,50 créditos

Curso	Título	Créditos	Subject
1	CORE	6	9162 - STATISTICS
1	CORE	12	9165 - PRINCIPLES OF INFORMATION TECHNOLOGY
1	CORE	10,5	9167 - PRINCIPLES OF PHYSICS IN COMPUTING
1	CORE	6	9168 - ALGEBRA
1	CORE	9	9169 - INFINITESIMAL CALCULUS
1	CORE	6	9170 - DISCRETE MATHEMATICS
1	CORE	6	9171 - PRINCIPLES OF PROGRAMMING I
1	CORE	6	9172 - PRINCIPLES OF PROGRAMMING II
2	CORE	9	9163 - PROGRAMMING AND DATA STRUCTURES
2	CORE	9	9164 - DATABASES I
2	CORE	6	9166 - COMPUTER STRUCTURE
2	CORE	4,5	9174 - OPERATING SYSTEMS I
2	CORE	4,5	9176 - LANGUAGES, GRAMMARS AND AUTOMATA
2	CORE	4,5	9177 - COMPUTABILITY
3	CORE	6	9173 - ALGORITHM DESIGN AND ANALYSIS
3	CORE	4,5	9175 - OPERATING SYSTEMS II

OBLIGATÒRIES

55,50 créditos

Curso	Título	Créditos	Subject
1	COMPULSORY	6	9188 - COMPUTER LOGIC
2	COMPULSORY	6	9189 - PROGRAMMING LANGUAGES AND PARADIGMS
2	COMPULSORY	4,5	9190 - OBJECT-ORIENTED PROGRAMMING
2	COMPULSORY	6	9452 - PROGRAMMING TOOLS
3	COMPULSORY	4,5	9191 - COMPUTER GRAPHICS
3	COMPULSORY	6	9192 - DATABASES II
3	COMPULSORY	4,5	9193 - ADVANCED DESIGN AND PROGRAMMING OF APPLICATIONS
3	COMPULSORY	6	9194 - PRINCIPLES OF COMPUTER ARCHITECTURE
3	COMPULSORY	6	9195 - INFORMATION SYSTEMS IN BUSINESS I
3	COMPULSORY	6	9196 - INFORMATION SYSTEMS IN BUSINESS II

OPTATIVES

24 créditos

Curso	Título	Créditos	Subject
-	OPTIONAL	4,5	9199 - STATISTICS EXTENSION
-	OPTIONAL	6	9200 - DISCRETE MATHEMATICS EXTENSION
-	OPTIONAL	6	9201 - GEOMETRIC COMPUTING
-	OPTIONAL	6	9202 - MATRIX COMPUTING
-	OPTIONAL	6	9203 - PARALLEL COMPUTING
-	OPTIONAL	6	9204 - ADVANCED COMPUTER GRAPHICS AND ANIMATION
-	OPTIONAL	6	9205 - GAMES AND VIRTUAL REALITY
-	OPTIONAL	6	9206 - COMPUTER-ASSISTED MANUFACTURE MODELS
-	OPTIONAL	6	9207 - REASONING
-	OPTIONAL	6	9208 - AUTONOMOUS ROBOTS
-	OPTIONAL	6	9209 - REAL TIME SYSTEMS
-	OPTIONAL	6	9210 - INTERNET TECHNOLOGY
-	OPTIONAL	6	9211 - THEORY OF INFORMATION AND ENCODING
-	OPTIONAL	6	9212 - COMPUTER VISION
-	OPTIONAL	6	9213 - ADMINISTRATION OF INTERNET SERVICES
-	OPTIONAL	6	9214 - ADVANCED COMPUTER ARCHITECTURE
-	OPTIONAL	6	9215 - RECONFIGURABLE ARCHITECTURES
-	OPTIONAL	6	9216 - REAL-TIME ARCHITECTURES AND OPERATING SYSTEMS
-	OPTIONAL	6	9217 - DESIGN OF INTEGRATED CIRCUIT-BASED SYSTEMS
-	OPTIONAL	6	9218 - DOMOTICS AND INTELLIGENT BUILDINGS
-	OPTIONAL	6	9219 - STUDYING AN OPERATING SYSTEM

-	OPTIONAL	6	9220 - INFORMATION TECHNOLOGY FOR COMMUNICATION
-	OPTIONAL	6	9221 - COMPUTER MAINTENANCE
-	OPTIONAL	6	9222 - INDUSTRIAL SYSTEMS
-	OPTIONAL	6	9223 - NUMERICAL METHODS OF DIFFERENTIAL EQUATIONS AND FINITE ELEMENTS
-	OPTIONAL	6	9224 - ADVANCED BUSINESS APPLICATIONS
-	OPTIONAL	6	9225 - INTRODUCTION TO E-BUSINESS
-	OPTIONAL	6	9226 - BUSINESS COMPUTER PLANNING
-	OPTIONAL	9	9227 - ECONOMIC SYSTEM AND BUSINESS
-	OPTIONAL	6	9228 - COMPUTER-AIDED DESIGN
-	OPTIONAL	9	9229 - ADMINISTRATION AND ACCOUNTING TECHNIQUES
-	OPTIONAL	6	9230 - IMAGE FORMATION AND PROCESSING
-	OPTIONAL	6	9231 - SPECIALISED SYSTEMS AND ARCHITECTURES
-	OPTIONAL	6	9232 - ROBOTIC TECHNOLOGY AND ARCHITECTURE
-	OPTIONAL	6	9233 - DATABASE ADMINISTRATION
-	OPTIONAL	6	9234 - INDUSTRIAL APPLICATIONS OF PATTERN RECOGNITION
-	OPTIONAL	6	9235 - MACHINE LEARNING AND INFORMATION RETRIEVAL
-	OPTIONAL	6	9236 - ADVANCED DATABASES
-	OPTIONAL	6	9237 - DISTRIBUTED DATABASES
-	OPTIONAL	6	9238 - MULTIDIMENSIONAL DATABASES
-	OPTIONAL	6	9239 - HISTORY OF COMPUTING AND SCIENTIFIC METHODOLOGY
-	OPTIONAL	6	9240 - MUSIC COMPUTING
-	OPTIONAL	6	9241 - NATURAL LANGUAGE ENGINEERING
-	OPTIONAL	6	9242 - CONCURRENT PROGRAMMING
-	OPTIONAL	6	9243 - PROGRAMMING IN INTERACTIVE ENVIRONMENTS
-	OPTIONAL	6	9244 - INTERNET PROGRAMMING
-	OPTIONAL	6	9245 - SEMI-STRUCTURED INFORMATION SYSTEMS
-	OPTIONAL	6	9246 - AUTOMATION
-	OPTIONAL	6	9247 - COMPUTER CONTROL
-	OPTIONAL	6	9248 - CONTROL ENGINEERING
-	OPTIONAL	6	9249 - MODELLING AND SIMULATION OF DYNAMIC SYSTEMS
-	OPTIONAL	6	9250 - PERIPHERALS
-	OPTIONAL	6	9251 - INDUSTRIAL NETWORKS
-	OPTIONAL	6	9252 - ROBOTS AND SENSORY SYSTEMS
-	OPTIONAL	6	9253 - GEOMETRY EXTENSION
-	OPTIONAL	6	9254 - MATHEMATICS EXTENSION
-	OPTIONAL	6	9255 - NUMERICAL CALCULUS
-	OPTIONAL	6	9256 - NUMERICAL CALCULUS APPLIED TO COMPUTERS
-	OPTIONAL	7,5	9257 - DIFFERENTIAL AND DIFFERENCE EQUATIONS
-	OPTIONAL	6	9258 - GEOMETRY
-	OPTIONAL	6	9259 - OPTICAL INFORMATION PROCESSING AND HOLOGRAPHY
-	OPTIONAL	6	9260 - RECORDING TECHNIQUES IN DIGITAL STUDIO
-	OPTIONAL	6	9261 - OPTICAL AND OPTOELECTRONIC TECHNOLOGY AND SYSTEMS APPLIED TO I.T.
-	OPTIONAL	6	9262 - PRINCIPLES OF SIGNALS AND SYSTEMS
-	OPTIONAL	6	9263 - TELECOMMUNICATION SYSTEMS AND SERVICES
-	OPTIONAL	6	9264 - MULTIMEDIA TECHNIQUES
-	OPTIONAL	4,5	9265 - BASIC LEGAL ASPECTS
-	OPTIONAL	6	9266 - ENGLISH FOR I.T. I
-	OPTIONAL	6	9267 - ENGLISH FOR I.T. II
-	OPTIONAL	6	9268 - ENGLISH FOR I.T. III
-	OPTIONAL	6	9453 - ARTIFICIAL LIFE
-	OPTIONAL	6	9454 - ADMINISTRATION AND INSTALLATION OF COMPUTER NETWORKS

LLIURE ELECCIÓ

19,50 crèdits libre

Superado este bloque se obtiene

PASSED THE FIRST CYCLE COMPUTER ENGINEERING

ARC BUIT D'ACCÉS A SEGÓN CICLE DEL MATEIX ESTUDI

Superado este bloque se obtiene

PASSED THE FIRST CYCLE COMPUTER ENGINEERING

ARC BUIT D'ACCÉS A SEGON CICLE (TITULATS)

ARC BUIT

SEGON CICLE

TRONCALS

76,50 cr dits

Curso	T�tulo	Cr�dits	Subject
4	CORE	12	9178 - COMPUTER ARCHITECTURE AND ENGINEERING
4	CORE	6	9179 - ANALYSIS AND SPECIFICATION OF INFORMATION SYSTEMS
4	CORE	6	9180 - SOFTWARE ENGINEERING I
4	CORE	4,5	9182 - PRINCIPLES OF ARTIFICIAL INTELLIGENCE
4	CORE	4,5	9183 - ARTIFICIAL INTELLIGENCE TECHNIQUES
4	CORE	9	9184 - LANGUAGE PROCESSORS
4	CORE	7,5	9185 - NETWORKS
4	CORE	6	9186 - DATA TRANSPORT SYSTEMS
5	CORE	6	9181 - SOFTWARE ENGINEERING II
5	CORE	15	9187 - COMPUTING SYSTEMS

OBLIGATORIES

13,50 cr dits

Curso	T�tulo	Cr�dits	Subject
4	COMPULSORY	4,5	9197 - ADVANCED ALGORITHMICS
5	COMPULSORY	9	9198 - NETWORK OPERATING SYSTEMS

OPTATIVES

48 cr dits

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LLIURE ELECCIÓ

18 crèdits llibre

Superado este bloque se obtiene

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