

PHD IN MATHEMATICS AND ITS TECHNICAL AND SCIENTIFIC APPLICATIONS (2015-16)

Código: 0305	Fecha de aprobación: 16/12/2004	Precio: 62,67 No. of credits enrolled (1st registration)
Créditos: Not defined	Título: Doctorate	

RAMA

Not defined

PLAN

PHD IN MATHEMATICS AND ITS TECHNICAL AND SCIENTIFIC APPLICATIONS

TIPO DE ENSEÑANZA

Not defined

CENTROS DONDE SE IMPARTE

Centre for Doctorate and Postgraduate Studies

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

PERIODO DE DOCENCIA

CURSOS

20 créditos

Curso	Título	Créditos	Subject
-	METHODOLOGICAL	3	61998 - WRITING SCIENTIFIC DOCUMENTS: HANDLING LATEX.
-	METHODOLOGICAL	1,5	63543 - SEA LEVEL VARIATIONS WITH MATLAB
-	METHODOLOGICAL	1,5	63544 - SCIENTIFIC PROGRAMMING IN FORTRAN AND C

FUNDAMENTALES

15 créditos

Curso	Título	Créditos	Subject
-	FUNDAMENTAL	6	60487 - THE FUNDAMENTALS OF SPATIAL DYNAMICS
-	FUNDAMENTAL	6	60488 - THE FUNDAMENTALS OF SPATIAL GEODESICS AND GPS POSITIONING
-	FUNDAMENTAL	6	60491 - THE THEORY OF SPACE CURVES
-	FUNDAMENTAL	6	60517 - GEOMETRIC FUNCTIONAL ANALYSIS
-	FUNDAMENTAL	6	61042 - THE GENERAL THEORY OF LIVING SYSTEMS
-	FUNDAMENTAL	3	61608 - MODELLING HIGHLY STRUCTURED SYSTEMS
-	FUNDAMENTAL	6	61609 - COMPUTATIONAL ALGORITHMS FOR COMPLEX SYSTEMS
-	FUNDAMENTAL	6	61615 - INTRODUCTION TO INTEGRAL AND INTEGRODIFFERENTIAL EQUATIONS: BIOLOGICAL APPLICATIONS.
-	FUNDAMENTAL	6	61616 - ANALYTIC SOLUTIONS FOR DELAYED DIFFERENTIAL EQUATIONS
-	FUNDAMENTAL	6	61617 - NUMERICAL SOLUTIONS FOR DELAYED DIFFERENTIAL EQUATIONS
-	FUNDAMENTAL	6	61618 - LIE'S METHODS FOR SOLVING DIFFERENTIAL EQUATIONS
-	FUNDAMENTAL	3	61619 - INTRODUCTION TO THE DELAYED RESOLUTION OF PDF EQUATIONS
-	FUNDAMENTAL	6	61995 - THE GEOMETRY OF CONVEX BODIES
-	FUNDAMENTAL	5	61997 - SCIENTIFIC PROGRAMMING LANGUAGES (C, FORTRAN, AMPL, V, MATLAB)
-	FUNDAMENTAL	6	62000 - THE DYNAMICS OF THE EARTH'S LAYERS AND APPLICATIONS IN CELESTIAL MECHANICS, GEODESICS, GRAVIMETRICS.
-	FUNDAMENTAL	3	63033 - NUMERICAL INTEGRATION METHODS (ODES)
-	FUNDAMENTAL	6	63034 - THE GENERAL FINITE ELEMENT METHOD: APPLICATIONS WITH DELPHI.
-	FUNDAMENTAL	6	63035 - DELPHI MODEL ANALYSIS: OBJECT-ORIENTED PASCAL.
-	FUNDAMENTAL	6	63036 - ANALYSIS METHODS FOR NONLINEAR REGRESSION
-	FUNDAMENTAL	4,5	63037 - MATRIX ANALYSIS AND ITS APPLICATIONS
-	FUNDAMENTAL	6	63305 - LA TRANSFORMADA-Z: TEORIA I APLICACIONS
-	FUNDAMENTAL	5	63308 - ESTUDI QUALITATIU DE SISTEMES DINÀMICS PER MITJÀ D'EXPLORACIÓ NUMÈRICA
-	FUNDAMENTAL	6	63310 - ROTACIÓ DE COSSOS CELESTS
-	FUNDAMENTAL	4,5	63536 - MATHEMATICAL PRINCIPLES OF AUTONOMOUS ROBOTICS THEORY
-	FUNDAMENTAL	6	63537 - DISCRETE CHAOS
-	FUNDAMENTAL	4,5	63538 - ANALYTICAL AND NUMERIC METHODS IN SPATIAL DYNAMICS
-	FUNDAMENTAL	4,5	63539 - ANALYTICAL THEORY OF THE ROTATION OF CELESTIAL BODIES
-	FUNDAMENTAL	3	63540 - SPATIAL GEODESICS: PRINCIPLES AND APPLICATIONS
-	FUNDAMENTAL	3	63541 - ANALYSIS OF SATELLITE DATA AND EARTH OBSERVATION
-	FUNDAMENTAL	3	63542 - SYMBOLIC MANIPULATION IN CELESTIAL MECHANICS

FUERA DE PROGRAMA

máximo 5 créditos libre

Superado este bloque se obtiene
CERTIFICADO DE DOCENCIA

ACCESO PERÍODO DE INVESTIGACIÓN

Superado este bloque se obtiene
CERTIFICADO DE DOCENCIA

ACCESO TESIS DOCTORAL

Superado este bloque se obtiene
DIPLOMA DE ESTUDIOS AVANZADOS

PERIODO DE INVESTIGACION

TRABAJOS DE INVESTIGACION

12 créditos

Curso	Título	Créditos	Subject
-	RESEARCH WORK	6	60497 - CELESTIAL MECHANICS AND ORBITAL DYNAMICS I
-	RESEARCH WORK	6	60498 - TERRESTRIAL ROTATION I
-	RESEARCH WORK	6	60499 - THE DETERMINATION OF ORBITS, POSITIONS, AND GEODESIC PARAMETERS I
-	RESEARCH WORK	6	60500 - NUMERICAL METHODS AND THE CALCULATION OF ORBITS I
-	RESEARCH WORK	6	60501 - CELESTIAL MECHANICS AND ORBITAL DYNAMICS II
-	RESEARCH WORK	6	60505 - INTRODUCTION TO THE ADOMIAN DECOMPOSITION METHOD I
-	RESEARCH WORK	6	60506 - INTRODUCTION TO THE ADOMIAN DECOMPOSITION METHOD II
-	RESEARCH WORK	6	60507 - ALPHA-DENSE CURVES AND THEIR APPLICATIONS TO GLOBAL OPTIMIZATION I
-	RESEARCH WORK	6	60508 - ALPHA-DENSE CURVES AND THEIR APPLICATIONS TO GLOBAL OPTIMIZATION II
-	RESEARCH WORK	6	60518 - OPTIMIZATION IN BANACH SPACES I
-	RESEARCH WORK	6	60519 - OPTIMIZATION IN BANACH SPACES II
-	RESEARCH WORK	6	61607 - FINITE ELEMENT MODELLING
-	RESEARCH WORK	6	61613 - THE MATHEMATICAL MODELLING OF LIVING SYSTEMS I
-	RESEARCH WORK	6	61614 - THE MATHEMATICAL MODELLING OF LIVING SYSTEMS II
-	RESEARCH WORK	6	61996 - DISCRETE GEOMETRY
-	RESEARCH WORK	6	61999 - MODELLING WITH APPLICATIONS
-	RESEARCH WORK	6	62327 - RESEARCH INTO DELAYED DIFFERENTIAL EQUATIONS I
-	RESEARCH WORK	6	62328 - RESEARCH INTO DELAYED DIFFERENTIAL EQUATIONS II
-	RESEARCH WORK	12	63295 - METHODS OF DATA ANALYSIS IN SCIENCE AND ENGINEERING
-	RESEARCH WORK	6	63306 - INVESTIGACIÓ EN MODELITZACIÓ DE PROCESSOS BIOLÒGICS I
-	RESEARCH WORK	6	63307 - INVESTIGACIÓ EN MODELITZACIÓ DE PROCESSOS BIOLÒGICS II
-	RESEARCH WORK	5	63309 - ESTUDI QUALITATIU DE SISTEMES DINÀMICS PER MITJÀ D'EXPLORACIÓ NUMÈRICA II

Superado este bloque se obtiene
DIPLOMA DE ESTUDIOS AVANZADOS

PERIODO DE TESIS DOCTORAL

TESIS DOCTORAL

10 créditos

Curso	Título	Créditos	Subject
-	THESIS	0	66666 - THE DOCTORAL THESIS

Superado este bloque se obtiene
DOCTOR/A POR LA UNIVERSIDAD DE ALICANTE