

MASTERS ERASMUS MUNDUS EN LA UNIVERSIDAD DE GRANADA

EN CURSO

EUROPUBHEALTH **European Public Health Master**

Instituciones de Educación Superior que participan:

- University of Copenhagen (DN),
- Jagiellonian University of Cracow (PL),
- Université Rennes 1 (FR),
- Universidad de Granada (ES)
- National School of Public Health (Rennes, FR) (Coordinadora)

Breve descripción:

EUROPUBHEALTH Masters Course is a postgraduate degree for all those who wish to embark on a career in public health. It is intended to provide students with the analytical tools and conceptual knowledge required to take responsibilities in public health as decision makers. It is based on imparting disciplines and basic savoir-faire related to public health and on acquiring the skills required for the various functions which the students, future public health professionals will have to carry out at local, regional, national, European or even international level of the system, both in the public and the private sectors. The Master aims to provide a high level education based on a cross-disciplinary approach to public health issues and a learning approach based on practical experience. Professional skills are built up by the combined application of knowledge and methods resulting from the research work and expertise of the members of the consortium, within the framework of the professional situation in several European countries. EUROPUBHEALTH is an integrated two year Masters course (120 ECTS credits). The first year curriculum covers the basic issues of public health. It can be attended in the UK, at Sheffield University or in Spain, at the Andalusian School of Public Health; while the second year specialises in a particular subject. The seven specialisations offered constitute fields of excellence of the member establishments of the consortium.

Información:

Alberto Fernández Ajuria
Escuela Andaluza de Salud Pública

MUNDUSFOR **Formation de Professionnels de la Formation**

Instituciones de Educación Superior que participan

- Hogskolen i Akershus (NO)
- Universidade de Porto (PT)
- Université de Reims Champagne Ardenne (FR)
- Universitat Rovira i Virgili (ES)
- Universidad de Granada (Coordinadora)

Breve descripción:

Le master offre une formation universitaire d'excellence dont peuvent bénéficier des diplômés de diverses disciplines qui voudraient s'orienter vers des carrières relevant du champ de la formation ainsi que des étudiants ayant suivi un cursus universitaire menant à cette orientation. Le master Mundusfor fournira aux étudiants des outils, des habilités et des compétences nécessaires à l'exercice de la profession de formateur dans des entreprises, des institutions publiques et privées et dans l'éducation. Le master vise à faire acquérir les compétences suivantes aux étudiants : a. Réfléchir sur le rôle de la formation dans ses diverses dimensions en Europe et dans le monde. b. Élaborer et développer une posture de recherche

sur la pratique dans les domaines de l'éducation et de la formation en entreprise afin d'en améliorer l'exercice. c. Diriger et gérer les services de formation d'organisation éducative d'entreprises, d'institutions publiques ou privées, d'établissements éducatifs et de formation. d. Élaborer, appliquer et évaluer les stratégies d'intervention formative. e. Conseiller, sur le plan pédagogique, les différents domaines de la formation : formation individuelle, formation de groupe, formation privée, formation institutionnelle. Ces finalités orientent la présentation des objectifs à atteindre par la définition d'un système de compétences. Celui-ci organise la programmation en deux années (120 ECTS) distribués en 4 semestre.

Información:

Manuel Fernández Cruz
Facultad de Ciencias de la Educación

GEMMA

Joint European Master's Degree in Women's and Gender Studies

Instituciones de Educación Superior que participan:

- Alma Mater Studiorum Università di Bologna (IT)
- Közép-európai Egyetem (HU)
- Helsingin yliopisto (FI)
- Uniwersytet Łódzki (PL)
- Universidad de Oviedo (ES)
- Universiteit Utrecht (NL)
- Universidad de Granada (Coordinadora)

Breve descripción:

The Joint European Master in Women's and Gender Studies is a inter-university, multidisciplinary postgraduate programme that provides high quality academic education and professional competencies for personnel working or intending to work in the areas of women's studies, gender studies and equal opportunities. This European Master Degree has been created as a result of concerted efforts on the part of several universities working together within the Socrates Thematic Network On Activities in Women's Studies in Europe ATHENA and it brings together the expertise on postgraduate studies of all the institutions involved. The duration of the programme will be Twenty four months (120 ECTS), starting from September 2007.

Información:

Adelina Sánchez Espinosa
Instituto de Estudios de la Mujer

Psychology and Health: Psychological Science in Clinical and Health Issues

Instituciones de Educación Superior que participan:

- Universität Konstanz (DE)
- Universität Osnabrück (DE)
- Università degli Studi di Padova (IT)
- University of Sheffield (UK)
- Universidad de Málaga (ES)
- Universidad de Granada (Coordinadora)

Breve descripción:

This Masters aims to provide scientific knowledge and expertise in relation to the professions of clinical and health psychology emphasizing a distinctive European approach and integration. The Masters will prepare students to go on to PhD research or further training for professional qualifications implementing the main guidelines of the European Diploma of Psychology (Euro-Psy), supported by the European Federation of Psychologists Associations (EFPA). One specific objective of this Masters is to facilitate the development and harmonization of professional qualifications within clinical and health psychology across Europe to enable the mobility of practitioners. The students will gain a broad perspective of the field of clinical and health psychology through the integrated contributions of 7 Universities located in 5 European countries (England, Germany, Italy, Portugal, and Spain): the universities of Sheffield (England), Konstanz (Germany), Osnabrück (Germany), Padova (Italy), Lusófona of Lisboa (Portugal), Málaga (Spain), and Granada (Spain). The duration of the Masters is two years with a total of 120 ECTS credits divided into 4 semesters and a summer school. The integrative European perspective will be obtained thanks to the mobility requirements: all students will attend a joint summer school between the first and second year (10 ECTS) and carry out at least 30 ECTS (equivalent to a semester) in a Host University located in a different country from the Home University. The coordinating institution, the University of Granada (Spain), will provide accommodation and lodging facilities for students and scholars during the summer school.

Información:

Antonio Fernández Parra
Facultad de Psicología

EUROMADE

Social and Health Care in Chronic Dependency and Life-Ending Processes

Instituciones de Educación Superior que participan:

- Liverpool John Moores University (UK)
- Université de Montpellier I (FR)
- National and Kapodistrian University of Athens (GR)
- Universidad de Granada (Coordinadora)

Breve descripción:

The European Master in Social and Health Care in Chronic Dependency and Life Ending Processes (EUROMADE), is an inter-university and multidisciplinary postgraduate programme that provides high quality academic education, professional and researcher competencies for personnel working or intending to work in the areas of health care, social care, disability, chronic dependence, life ending process and palliative care. The program will be organised in consortium with the following universities: Universidad de Granada (Coordinators), Liverpool John Moores University, Université Montpellier I, National and Kapodistrian University of Athens and Universidade Trás-os-Montes Alto Douro. This Master has a duration of two years (120

ECTS) and the official languages are English, Spanish and French. The professional and research competencies acquired professional qualifications in the health and social care field from an overall and interrelational perspective of dependence and end of life, no matter what people's age is.

Información:

Francisco Cruz Quintana
Escuela Universitaria de Ciencias de la Salud

EUROPHARMNES

European Master in Pharmaceutical Care

Instituciones de Educación Superior que participan:

- Universidade de Lisboa (PT)
- Universidad de Sevilla (ES)
- Universidade de Évora (PT)
- Università Ta' Malta (MT)
- Universitat de Barcelona (ES)
- Universidade de Santiago de Compostela (ES)
- Universidad de Bari (IT)
- Universidad de Granada (Coordinadora)

Breve descripción:

EUROPHARMNES Masters course is a multi-lingual, inter-university, multi-disciplinary postgraduate programme for all those who wish to embark in a career in Pharmaceutical Care. The Program is intended to provide students with the analytical tools and conceptual knowledge required to develop an innovative pharmaceutical assistance in accordance with the new professional challenges. It aims that the students adopt the typical attitudes of the new role of the pharmacist in the patient care and to learn to work in teams, not only health multidisciplinary teams, but also to share their experiences with other pharmacists interested in the same area of work, of other countries.

Información:

Fernando Martínez Martínez
Facultad de Farmacia

CIMET

Master Erasmus Mundus in Color in Informatics and Media Technology

Instituciones de Educación Superior que participan:

- Université Jean Monnet (FR) (Coordinadora)
- Universitaat Joensuu (FI)
- Universidad de Granada (ES)

Breve descripción:

The Universities of Saint-Etienne (France, coordinator), Granada (Spain), Joensuu (Finland), and Gjøvik (Norway) are offering a two-years Master Programme entitled Color in Informatics and MEdia Technology (CIMET). The study programme of this Master course is broadly interdisciplinary, encompassing photonics, computer vision and imaging science, computer science and multimedia technology as a mix of relevant theoretical and practical knowledge. The objective is to educate students in advanced methodologies and models in computational color science with two goals of research orientation and further studies at the doctoral level on one hand, and practical applications on the other hand. CIMET offers three areas of specialization: Color Imaging Science, Spectral Color Science and Multimedia Technology

Science. These areas are being emergent, rapidly evolving, and of growing impact on the Information Society Technologies which require specialized competencies. The first semester will be devoted to foundation courses necessary to students before beginning the two specializations they will follow. Foundation courses will be proposed in any university of the consortium. The first specialisation, in the second semester, will be devoted to compulsory courses in color imaging science necessary to students before beginning the second specialization. It will be done either in Granada or Saint Etienne. The second specialisation, in the third semester, will be done either in Joensuu or Gjøvik. Therefore, during the first three semesters, students will spend their Master Courses in either two universities or three universities. This arrangement leaves open the possibility to visit during the Master thesis period another university of the consortium which will not deliver a degree. During one of the first three semesters, students will have to follow courses on the culture and language of the visited country. Courses will be taught in English and are structured according to the ECTS with 120 credits run over four semesters of full-time study. Students will be awarded a double (or multiple) degree, at postgraduate-level (Msc of Science, 300 ECTS), from the two (or three) degree-granting Universities visited. The CIMET programme is intended for top level non-EU and EU students with a fluent knowledge in spoken and written English (TOEFL 550). Thirty students will be integrated each year in this program, with a professor/student ratio close to one. Admission will be based on academic excellence. Applicants should have a BSc degree (i.e. 180 ECTS) in the European LMD system, or equivalent, in computer science, physics or mathematics.

Información:

Javier Hernández Andrés
Facultad de Ciencias

Master Europeo en Estudios Hispánicos

Instituciones de Educación Superior que participan:

- Universidad DE Granada (Coordinadora)
- U. de Bonn (DE),
- U. Duisburg Essen (DE),
- U. Leipzig (DE),
- U. Odense (NL),
- U. Potsdam (DE),
- U. de Colonia (DE),
- U. Hamburgo (DE),
- U. Coimbra (PO),
- U. Nijmegen (NL)

Información:

Antonio Martínez González
Facultad de Filosofía y Letras

Urgency and Critical Care Nursery

Instituciones de Educación Superior que participan:

- U. de Granada (Coordinadora)
- U. F. Pessoa (PT),
- U. Magna Grecia de Catanzaro (IT),
- U. Las Palmas de Grana Canaria (ES)

Información:

Aurelia Arenas López
Escuela Universitaria de Ciencias de la salud

UMScSCEUM

European Joint Master in Sustainable Cities: Environmental Urban Management. Master en Ciudades Sostenibles: Gestión ambiental urbanaustainable City-Regions

Instituciones de Educación Superior que participan:

- U. de Granada (Coordinadora)
- U. Bologna (IT),
- U. Cádiz (ES),
- U. Algarve (PT)

Breve descripción:

El objetivo del Master será el formar gestores del medio ambiente urbana con el objetivo de alcanzar la creación y el desarrollo de Ciudades Sostenible, por lo que se establecerá un sistema de 3 módulos de enseñanza que abarcarán temas como la sostenibilidad, gobernanza en ciudades, planeamiento regional urbano, gestión ambiental urbana, complementos formativos, etc., desde las perspectivas, entre otras, de la Ingeniería Ambiental, Ciencias Ambientales, Sostenibilidad, o gestión y planificación del territorio.

Información:

José L. Rosúa
Facultad de Ciencias

ECUAL

Master in Latin American Cultural Studies

Instituciones de Educación Superior que participan:

- U. Granada (Coordinadora)
- U. de Potsdam (DE),
- U. La Sapienza de Roma (IT),
- U. De Varsovia (PL).

Breve descripción:

Is a joint European multidisciplinary programme which provides high quality academic education and professional competencies for students wanting to conduct further research or intending to work in the areas of Immigration, Economics, International Relations, teaching Literature, Art, History, teaching Spanish as a second language, etc., related to Latin America, with excellent and outstanding programmes (topics, fields of specialization, research and activities) in the four universities members of the consortium. The Core Component (first semester) is organised around the same three courses at all consortium universities: (Latin American Civilizations; Spanish Language and its Literature in Latin America; Theory and Methodology in Latin American Cultural Studies)

Información:

Alvaro Salvador Cofre.
Angel Esteban
Facultad de Filosofía y Letras

MW

Multilingual Writing. Cognitive Processes and Intercultural Strategies in Written Composition

Instituciones de Educación Superior que participan:

- Faculty of Psychology, Università Degli Studi di Roma "La Sapienza", I ROMA (IT)
- Institute of Education University of London (UK)
- Faculty of Education; Anadolu University (TK)
- Faculty of Sciences of the Education. Granada University (ES) Coordinator

Breve descripción:

El Programa Master MW ofrece una formación de calidad (teóricamente fundamentada y funcionalmente práctica) sobre competencias cognitivas-multilingües y tecnológicas de composición escrita, imprescindibles para la participación competitiva en las sociedades del siglo XXI. Por lo tanto, el Programa Master MW, persigue un doble objetivo: a) que los estudiantes dominen herramientas avanzadas de composición escrita, para la comunicación y el acceso al conocimiento, b) que el estudiante conozca estrategias novedosas para poder enseñar estas herramientas, a otras personas, en cualquier lengua; fomentando actitudes interculturales. La superación con éxito de los 9 cursos y el Proyecto del Programa Master MW (durante 2 años), conducirá a la obtención del "Diploma Conjunto del Master MW". Los objetivos de calidad del Programa Master MW, exigen que el número de alumnos matriculados no pueda exceder de 55, por lo tanto, la ratio se sitúa en 2 alumnos por profesor. Las condiciones para la solicitud del Master MW es poseer un Título Universitario de Grado los aspirantes tendrán que acreditar a) experiencia académica en el campo; b) excelencia académica; c) experiencia profesional en el campo; d) probado conocimiento del Español y el Inglés; e) situación familiar o/y personal y económica.

Información:

Rosario Arroyo
 Department of Didactics and School Organization
 Faculty of Sciences of the Education

IWRM

Integrated Water Resources Management.

Instituciones de Educación Superior que participan:

- Cologne University of Applied Sciences, Institute for Technology in the Tropics (DE) (COORD.).
- Czech University of Agriculture Prague, Faculty of Forestry and Environment. (CZ)
- Swedish University of Agriculture, Department of Urban and Rural Development (SU)
- Universidad de Córdoba.
- Universidad de Granada.

Breve descripción:

En este máster se proporcionará al alumno formación integral para la gestión del agua a diferentes niveles, partiendo de la base de que se trata de un recurso finito, escaso y vulnerable, que en ocasiones es compartido por varios países, y en cuya gestión deben tenerse en cuenta los aspectos técnicos, políticos, socio-económicos y ambientales. El alumno, además de adquirir una visión holística del problema, podrá especializarse en alguno de los aspectos de la gestión integral del agua, aprendiendo no sólo los fundamentos y herramientas técnicas sino también las habilidades sociales necesarias para desenvolverse en el medio. Las Universidades andaluzas ofrecerán al alumno formación en el uso del agua como recurso agrícola y para el abastecimiento poblacional (Universidad de Córdoba), y la gestión de las aguas litorales y de transición, receptoras de las aguas fluviales, intercambiadoras con las aguas marítimas y sede de industrias socioeconómicas como el turismo, las pesquerías y los puertos comerciales (Universidad de Granada). En ambas especialidades se estudiarán además los aspectos morfológicos y ambientales de las cuencas y del litoral. El primer semestre, común para todos los alumnos, se impartirá en la Universidad de Colonia y en él se introducirá al alumno en la gestión integral de los recursos de agua, incluyendo el análisis de la problemática del agua desde diferentes puntos de vista, a través del estudio de casos prácticos de diversa naturaleza. Se le enseñarán asimismo los conocimientos y herramientas básicas para su gestión. En los

semestres segundo y tercero los alumnos continuarán sus estudios en las Universidades de Uppsala, Granada, Cordoba o Praga. En el segundo adquirirán formación básica relacionada con la especialización elegida y en el tercer semestre, se concentrarán en los aspectos de planificación y gestión. Durante este tiempo continuarán analizando en grupos reducidos los casos prácticos presentados en el primer semestre, aplicando los conocimientos y habilidades adquiridas. Al final del tercer semestre alumnos y profesores se reunirán en una de las sedes de las universidades participantes para que los alumnos expongan los trabajos realizados en grupo. Durante el cuarto y último semestre los alumnos elaborarán su tesis de magister en un tema relacionado con la especialidad elegida.

Información:

Elena Sánchez Badorrey.

Asunción Baquerizo Azofra

Dep. de Ingeniería Civil. Centro Andaluz de medio Ambiente.

CARAVEL

European Master in Diagnostic Oncology

Instituciones de Educación Superior que participan:

- Univ. Sassari (Italy) (Coord)
- Univ. of Dijon (France)
- Universidad de Granada.

Breve descripción:

The objective of the EM Master Caravel EM Diagnostic Oncology is to provide knowledge and expertise for the future management of human neoplasms in Europe and elsewhere. A suitable treatment of human neoplasms requires a correct diagnosis which lies in the knowledge of the multiple faces (genetics, pathology, biotechnology, imaging, laboratory findings) which are at base of tumor development, differentiation and evolution. The analysis and the careful study of these aspects constitute the core of the Caravel EM program. Caravel EM Diagnostic Oncology is also a powerful tool in oncology research, screening programs and tumor registry implementation. Caravel EM Diagnostic Oncology is coordinated by the University of Sassari (Italy), in collaboration with the University of Dijon (France) and the University of Granada (Spain). Teachers from the Wurzburg University (Germany), Vrije University Medical Center (The Netherlands). Graz University (Austria), Sheffield University (UK) and Tagu Mures University (Romania) will be associated to the team. The Master will be a full master, lasting two years, and requiring 120 ECTS. The Master delivered is a Master in Diagnostic Oncology. The activity of study for the acquisition of the 120 ECTS of the EM Master is calculated in h. 3.000 (h. 25 for 1 ECTS), articulated in theoretical teaching (frontal teaching and seminars), individual study, trainings, tutorials. The EM Master courses will be held in each of the three universities. According to their own aptitude, the admitted students can choose to enter into the master in one of the 3 (three) pooled centres with duty of mobility toward a different centre at the end of the module (two semesters of mobility in total). All course long the students have necessarily to frequent all three pooled centres. The final thesis for the attainment of the master can be developed in one of the three pooled centres. During their stay in the University centre of the semester of study, the student have to frequent the didactic structures where the lessons expected in the study plan will be imparted. The language of teaching will be French and English in Dijon, Spanish and English in Granada, Italian and English in Sassari. As first choice the masters' thesis should be written in English. Classes in the local language will be organized to favour a better integration of the students. The selection of students will be based on their academic backgrounds, on the student's overall excellence (marks and ranking), on the quality and originality of the student's objectives and scientific merit of the project. In addition to the masters' degree, students will be awarded a supplement diploma, indicating the title of each module, the marks obtained and the final global ranking. Caravel EM Diagnostic Oncology offers a unique academic experience, including exchanges between universities, lectures, seminars, working groups and tutorials, and the benefits of the complementary expertise among members of the Consortium, enriched by the invited scholars from other partner European academic institutions and

by invited scholars from the whole world. Teaching will be done by internationally-recognized scholars with extensive records of high quality publication.

Información:

Francisco Nogales Fernández
Dep. Anatomía Patológica
Facultad de Medicina

TCCM
Theoretical Chemistry and Computational Modelling

Instituciones de Educación Superior que participan:

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- Universidad de Granada.

Breve descripción:

Theoretical Chemistry and Computational Modelling (TCCM) play a key role in the development of modern chemistry, chemical biology, physics and material science. This has motivated six Universities leaders in the key disciplines of the field to set a consortium and offer a joint TCCM Master course, with two main objectives: a. establish a European standard for Master training; b. promote the international mobility of Master students in the TCCM field. This idea has successfully attracted other 41 European higher education Institutions which have decided to join the TCCM Master consortium. The TCCM Master is meant to prepare experts in using and developing molecular sciences computational techniques to either work with innovative pharmaceutical, petrochemical and new-materials industries or to follow future doctoral studies in Chemistry, Physics, Life or Material Sciences. It is articulated in 120 ECTS credits and can be accessed by students having a Bachelor in Chemistry, in Physics or in Material Science. Other scientific bachelors can also be accepted (provided that the student integrates his/her reparation as recommended by the local Tutor). In the first year (M1), 12 credits are devoted to a levelling course, 3 to the improvement of the student's command of a European language and 30 to compulsory courses in Mathematics, Statistical and Molecular Quantum Mechanics, Programming and Numerical Methods; Group Theory and Spectroscopy; Reaction Dynamics delivered locally in the official language chosen by the participating Institution. The remaining 15 ECTS credits correspond to optional courses. In the second year (M2), with high mobility and International character 24 credits are devoted to advanced aspects of TCCM (Advanced Electronic Structure Theory; Molecular and Chemical Dynamics; Advanced Computational Techniques; Computer Modelling and Simulation; Condensed Matter Theory) and related applications in Nanoscience and Nanotechnology, Biological systems; Materials by design; Reactivity and Catalysis; Excited States; Atmosphere and Space. For this purpose a mandatory four-weeks Intensive course will be organized. Lecturers are the best specialists of the consortium and experts taken from third countries. The remaining 36 ECTS credits are devoted to the research activity associated with a co-tutored Master Thesis, part of which (a minimum of 12 ECTS) is to be developed abroad, in a partner University of the Consortium. M2 will conclude with the defence of the Master Thesis at the home Institution which entitle the student to bear a Master degree in TCCM delivered by his/her home Institution jointly with the other members of the Consortium.

Información:

José A. Dobado
Departamento de Química Orgánica
F. Ciencias
