

INFORMATION ON MASTER PROGRAMS

- Master's in Advanced Research and Production Techniques in Fruticulture
- Master's in Advances in Cardiology
- Master's in Advocacy
- Master's in Agroecology, Rural Development and Agro-Tourism
- Master's in Analysis and Management of Mediterranean Ecosystems
- Master's in Automatization and Telecontrol for Water and Energy Resource Management
- Master's in Bioengineering
- Master's in Bioethics
- Master's in Clinical and Surgical Research
- Master's in Criminology and Victimology Intervention
- Master's in Development Cooperation. Interuniversity
- Master's in Diagnostic Imaging in Cardiology
- Master's in Equality and Gender in Public and Private Scopes
- Master's in Health Psychology
- Master's in Human Resources Management, Work and Organizations
- Master's in HVAC and electrical facilities in buildings. Energy efficiency
- Master's in Industrial Engineering
- Master's in Innovation in Journalism
- Master's in Infectious Diseases and International Health
- Master's in Management and Design of Projects and Installations
- Master's in Industrial and Communication Technology Research
- Master's in Management, Treatment and Use of Organic Waste
- Master's in Neuroscience: Clinical Research
- Master's in Occupational Risks Prevention
- Master's in Primary Health Care Research
- Master's in Psychological Therapy with Children and Adolescents
- Master's in Public Health
- Master's in Regional Integration. Interuniversity
- Master's in Research in Anthropology new trends: Risk Scenarios and Postdevelopment Alternatives

- Master's in Research in Clinical Medicine
- Master's in Research in Science, Technology and Food Control
- Master's in Secondary Education Teaching, Vocational Training and Language Teaching
- Master's in Solar Energy and Renewable Energies
- Master's in Sport Performance and Health
- Master's in Taxation
- Master's in Telecommunications Engineering

Degree	Master's in Clinical and Surgical Research	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses.</p> <p>Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills</p> <p>Solving complex problems. Decision making in multidisciplinary environments. Team work. Advanced IT for this area of study. Apply acquired knowledge and problem solving skills to new areas within the broader contexts of Health Science research. Integrate knowledge and form opinions based on limited information which includes reflections on social responsibilities and ethics. Clearly present conclusions and the reasons that support them before specialized and non-specialized audiences. Learning skills which will enable students to continue studying independently.</p> <p>Specific skills:</p> <p>Knowledge of the principles of the Scientific Method in Clinical Research. Understand the importance and limitations of scientific thought in the study, prevention and management of diseases. Apply the Scientific Method to develop a research project, gather and critically evaluate information for problem solving. Know how to communicate Scientific Research results clearly. Carry out professional activity with 'constructive skepticism and a critical and creative research- oriented approach. Know how to use and critically evaluate biomedical information sources to obtain, organize, interpret and apply scientific and health information. Have knowledge of the bases of Experimental Research, and the behavior of staff in a research laboratory.</p>	

	<p>Understand the importance of Experimental Research and how results are transferred to clinical practice. Apply research to Vision Sciences. Be familiar with good practices in the laboratory, the main analytical techniques used in an experimental laboratory and the basic techniques used in molecular biology. Know about the basic concepts, objectives and functions of Occupational Medicine and occupational pathologies. Have a knowledge of the medical-legal bases to evaluate bodily harm and injury to people in the area of criminal, civil, labor and Social Security law. Know the legal requirements to practice as medical professionals and the medical-legal problems related to being a medical practitioner. Be familiar with the present situation of intra-family and gender violence and the legal-medical procedure for sexual aggressions. Know about the biology and histopathology of tumors of the digestive tract which may condition the evolution of the disease and its treatment. Know about the biology and histopathology of endocrine tumors of the breasts and the pancreas which can condition the evolution of the disease and its treatment. Know about the accuracy of diagnostic tests and their sequential use to stage the neoplasms studied. Use a multidisciplinary approach to assess the effectiveness of treatment on the tumor and the type of monitoring which these patients should undergo. Know how to establish the type of monitoring required for patients with neoplasms treated with curative intent for the early detection of recurrence. Know and analyze the most important lines of research on the neoplasms studied, focusing on their evolutionary biology, diagnosis, and treatment. Confident and expert use of the most important tools available today on the internet for information searches in Health Sciences. Acquire the necessary knowledge and aptitudes to draft and present applications for R+D project funding, and diffuse results. Apply knowledge and research to clinical gynecology practice Apply knowledge and research to the detection and treatment of obstetric problems.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Research in Health Sciences.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Research in Health Sciences.</p>

<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	60 ECTS credits
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	Full- or part-time enrolment. Mixed
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Undergraduate.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Undergraduate.htm
Description of individual course units:	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=110&caca=2012</p> <p>Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Primary Health Care Research	
Admission requirements <i>General conditions for access to this degree program</i>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses.</p> <p>Admission This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
Access to further studies <i>What may be studied following this academic program</i>	<p>Doctorate</p>	
Qualifications requirements and regulations	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
Key learning outcomes <i>Skills obtained in this program</i>	<p>General skills:</p> <p>Ability to work in a team contributing with initiative and enterprising ideas.</p> <p>Ability to respond to complex situations.</p> <p>Ability to inform, educate, supervise and maintain effective communication with patients, family members and social groups with communication difficulties.</p> <p>Ability to be responsible for learning development.</p> <p>Leadership skills.</p> <p>Ability to design, direct and make reports about research projects.</p> <p>Ability to communicate research results effectively.</p> <p>Specific skills:</p> <p>Advanced knowledge and leadership skills in Primary Health Care.</p> <p>Ability to design and direct research projects oriented towards specializing in Primary Health Care.</p> <p>Ability to communicate research results effectively.</p> <p>Ability to participate in specific research meetings.</p> <p>Acquire advanced training, in a specialized area such as Primary Health Care and in other interdisciplinary areas.</p> <p>Ability to accept the responsibility for own advanced learning and training in research.</p> <p>Develop skills for group dynamics, healthcare organization, community intervention and quality of life in Primary Health Care, aimed at encouraging initiation in research.</p>	
Program profile	<p>Research in Health Sciences.</p>	

<i>Career opportunities</i>	
Occupational profiles of graduates with examples <i>Specific career opportunities</i>	Research in Health Sciences.
Course grading criteria <i>Generic evaluation of the Master's and grading system</i>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
Graduation requirements <i>Number of ECTS credits from the curriculum</i>	60 ECTS credits
Mode of study <i>Full- or part-time.</i> <i>Classroom, mixed, long-distance.</i>	Full- or part-time enrolment. Long distance
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=114&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Research in Science, Technology and Food Control	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses.</p> <p>Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills :</p> <p>Analysis and Synthesis skills. Planning and organizational skills. Information management skills. Problem solving. Decision making. Critical and self-critical ability. Team work. Ability to work in an interdisciplinary team. Ability to communicate with experts from other areas. Ability to work in an international context. Ability to put knowledge into practice. Research skills. Ability to generate new ideas. Project design management. Concern for quality.</p> <p>Specific skills:</p> <p>Knowledge of the latest advances in R+D+I project planning and management in Food Science and Technology, and the legal regulations for product development processes and intellectual property protection. Acquire advanced knowledge about the different phases of a research project: antecedents, viability, development and document and information management. Knowledge of the most innovating aspects of the different processes involved in food production and the tools used for experimental design</p>	

	<p>as a basis for optimizing and achieving excellence in the product and the factors involved in sensorial quality, as well as their relation to the modifications to product formula and technology.</p> <p>Know how to identify, analyze and evaluate the fundamental and technological properties of the most important foods in relation to the problem to be resolved, with emphasis on the latest advances in quality and food safety.</p> <p>Know how to apply suitable tools for designing, planning, making a statistical analysis, written presentation and communication of research in food technology.</p> <p>Ability to plan scientific development and innovation for research projects about food products.</p> <p>Develop the ability to communicate results and conclusions and the knowledge generated from previous results clearly and unambiguously before expert and non-expert audiences in the area of food technology.</p> <p>Ability to deal with work related to technological improvement and innovation in the framework of food transformation and conservation processes and the development of agroalimentary products.</p> <p>Ability to incorporate and assimilate scientific advances in the professional activity itself, gaining a solid foundation for implementing tasks related to R+D+I in food industries.</p> <p>Knowledge and management of advanced analytical techniques used in food technology and their role as basic and applied research tools.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	Research in Food Technology.
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	Research in Food Technology.
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	60 ECTS credits
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment.</p> <p>Mixed</p>

Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=107&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Research in Clinical Medicine	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Students should have systematic competence in the area of medicine and knowledge of research skills and methods related to this field.</p> <p>Students should show the ability to conceive, design, and put into practice a substantial research process.</p> <p>Students should make a contribution through original research, breaking boundaries and developing a substantial corpus, part of which merits national and international referenced publication.</p> <p>Students should be able to make critical analyses, evaluation and synthesis of new and complex ideas.</p> <p>Students should know how to interact with their colleagues, with the academic community and with society in general about their areas of knowledge.</p> <p>Students should be able to promote technological, social or cultural advances in academic and professional contexts within a knowledge-based society.</p> <p>Specific skills:</p> <p>Ability to access scientific literature, data bases, documental sources and high level information in Clinical Medicine and related areas.</p> <p>Design and plan a research project to be submitted for evaluation by ethical committees and by research evaluation and funding committees.</p> <p>Collect, order and classify research data and materials such as documents, clinical records, questionnaires, results from experimental tests, etc.</p> <p>Communicate results and diffuse generated knowledge to health professionals and non-specialized public, by written, spoken or graphical means.</p>	

	<p>Be familiar with the methodology of decision making in clinical practice. Guides for clinical practice. Levels of scientific evidence.</p> <p>Know about the value of complementary tests in clinical diagnosis, Validity and usefulness of indicators.</p> <p>Understand the meaning of the terms efficacy, effectiveness and efficiency in therapeutic interventions.</p> <p>Introduce and import data using the programs Excel, SigmaPlot and SPSS and/or similar programs.</p> <p>Present quality data for publication.</p> <p>Make a critical interpretation of studies, articles or projects which use health questionnaires or scales, determining their correct use.</p> <p>Know how to validate a health scale or questionnaire.</p> <p>Discriminate between different statistics to determine the reliability, consistency and validity of a health scale or questionnaire.</p> <p>Ability to describe how to approach the construction and validation of a health questionnaire and scale before a specialized forum.</p> <p>Expert and confident use of the most important tools available today on the internet for information searches in Health Sciences.</p> <p>Acquire the necessary knowledge and aptitudes to draft and present applications for R+D project funding, and to diffuse results.</p> <p>Ability to communicate research results effectively.</p> <p>Ability to inform, educate, supervise and maintain effective communication (including use of technologies): with patients, families and social groups, including those with communication difficulties.</p> <p>Ability to participate in specific and advanced research meetings.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Research in Health Sciences.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Research in Health Sciences.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	<p>60 ECTS credits</p>
<p>Mode of study</p> <p><i>Full- or part-time.</i></p>	<p>Full- or part-time enrolment.</p> <p>Long-distance</p>

Classroom, mixed, long-distance.	
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=193&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Research in Anthropology new trends: Risk Scenarios and Postdevelopment Alternatives.
Admission requirements <i>General conditions for access to this degree program</i>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education will be verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses.</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>
Access to further studies <i>What may be studied following this academic program</i>	Doctorate
Qualifications requirements and regulations	Admission criteria may be established by the Master Program Admission Committee.
Key learning outcomes <i>Skills obtained in this program</i>	<p>General skills:</p> <p>Analytical and critical capacity to define any problem in both contemporary and risk scenarios in globalization.</p> <p>Skills to design alternatives for social transformation, from post-development and anti-development perspectives.</p> <p>Knowledge of theories, analyses and methodologies necessary for detecting the potential and limits to the different alternatives in social transformation processes.</p> <p>Skills for applying research techniques which are most suited to inter – and pro-active anthropology.</p> <p>Skills to analyze, evaluate and assess different risk scenarios, identify problems, interpret data and formulate solutions by applying action methodologies which give precedence to the actor's point of view.</p> <p>Ability to clearly and unambiguously communicate conclusions in the area of risk and development – and the knowledge and reasons which support them – before a specialized audience.</p> <p>Ability to update, consolidate and integrate new knowledge to improve professional practices using continuous self-learning techniques and improvements.</p> <p>Capacity for critical social analysis of the causes and consequences of discrimination, respecting diversity and particularly equality between men and women.</p> <p>Specific skills:</p> <p>Knowledge of critical perspectives of the western or central concept of development from post-development and anti-development perspectives.</p>

	<p>Knowledge of the methodologies, analyses and interpretation of the socio-cultural phenomena that are produced in risk situations. Ability to recognize different constructions of the body in different contexts, and how situations of risk and vulnerability are developed on the basis of them.</p> <p>Academic knowledge about gender as an epistemological field and its application as an analytical and transformation methodology of discriminatory social reality.</p> <p>Knowledge of the analysis of economic institutions within broader cultural contexts as well as alternative economic logic and practices and their possible applications.</p> <p>Skills to assess the causes and consequences produced in cultural change, as well as the factors which motivate the emergence of socio-cultural movements.</p> <p>Ability to research internet as a technological support, the day to day life of cybernauts and the social uses of new technologies in different contexts.</p> <p>Knowledge of audiovisual media as a social research tool for anthropological research studies, projects for gathering, presenting and analyzing data.</p> <p>Application of participatory and interactive methodologies in the area of applied anthropology.</p> <p>Skills to obtain and order information and make bibliographic searches. Assessment and application of ethnomethodology and the digital content of social and cultural analysis.</p> <p>Ability to develop and apply studies about networks and to analyze discourse about vulnerability, risk and post-development. Formulate and apply post-development strategies in contexts of social change.</p> <p>Ability to write up a scientific text based on data collected in an ethnographical study.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Research in Social Anthropology.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Research in Social Anthropology.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honor
<p>Graduation requirements</p> <p><i>Number of ECTS credits</i></p>	<p>60 ECTS credits</p>

<i>from the curriculum</i>	
Mode of study <i>Full- or part-time.</i> <i>Classroom, mixed, long-distance.</i>	Full- or part-time enrolment. Classroom
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=148&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Industrial and Telecommunications Technology Research	
Admission requirements <i>General conditions for access to this degree program</i>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses.</p> <p>Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
Access to further studies <i>What may be studied following this academic program</i>	<p>Doctorate</p>	
Qualifications requirements and regulations	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
Key learning outcomes <i>Skills obtained in this program</i>	<p>General skills:</p> <p>Integrate knowledge and form opinions based on limited information.</p> <p>Apply knowledge and solve problems in new environments and multidisciplinary contexts.</p> <p>Acquire learning skills to achieve independence and self-management.</p> <p>Communicate conclusions clearly.</p> <p>Learn information management and organizational skills.</p> <p>Learn spoken and written communication skills in native language and English, in the context of scientific texts for engineering.</p> <p>Systematic understanding of an area of study and knowledge of related skills.</p> <p>Ability to conceive, design, adopt and put into practice a research process.</p> <p>Ability to make a critical analysis, evaluation and synthesis of new and complex ideas.</p> <p>Acquire knowledge which contributes to form a basis for an original development and/or application of ideas in a research context.</p> <p>Ethical commitment and responsibility at work.</p> <p>Motivation and interest in didactical content and achieving proposed objectives.</p> <p>Development of tools for evaluating quality.</p> <p>Specific skills:</p> <p>Design simulation techniques for processes and Engineering systems.</p> <p>Acquire skills to design and analyze process systems.</p> <p>Learn and design flexible systems in Engineering.</p> <p>Apply the scientific and technological foundations of Engineering.</p> <p>Solve problems of approximation which can arise in engineering systems</p>	

	<p>through the application of numerical techniques. Integrate technologies and develop systems. Analyze, characterize and optimize devices. Know and apply techniques for writing up scientific papers about Engineering. Model, analyze, optimize and solve real problems and Engineering systems. Apply IT tools for programing. Integrate data acquisition systems for measurement instruments and systems. Ability to communicate and present papers and reports publicly. Know the procedure to access information sources. Know procedures for raising funds for R+D+I and professional advancement in the area of research.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Research in Engineering.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Research in Engineering.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	<p>60 ECTS credits</p>
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment. Classroom</p>
<p>Course structure diagram with credits</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Programme director or equivalent</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Description of individual course units:</p>	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=106&caca=2012 Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Advocacy
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Ability to obtain and select information and relevant sources for solving problems, the preparation of strategies and advice to clients.</p> <p>Draw up and deal with texts, reports and procedures suitable for the problems raised.</p> <p>Acquire instruments to be able to plan, order and channel activities so as to avoid unexpected events and foresee and minimize eventual problems, anticipating their solutions.</p> <p>Contemplate and take into account the different questions arising from the decisions and options adopted, knowing how to choose or advise about the most suitable within the ethics, legality and values of social coexistence.</p> <p>Know how to work in professional and multi-professional teams effectively and efficiently, reproducing real contexts and contributing and coordinating knowledge with other branches and parties involved.</p> <p>Ability to make decisions individually and participate actively in group decisions.</p> <p>Know about and use new technologies in professional practice.</p> <p>Ability to discern contradictory information and make a critical judgment of it.</p> <p>Know how to prepare and communicate cases, problems or situations and put forward and defend possible solutions through different presentation techniques: oral, written etc.</p> <p>Have knowledge of techniques for problem analysis and professional decision making.</p> <p>Develop skills to direct, follow and solve any judicial or non-judicial legal matter.</p> <p>Specific skills:</p>

	<p>Understand and develop skills to apply specialized academic knowledge to the changing reality which lawyers face so as to avoid harmful, risk or conflictive situations in relation to interests entrusted in them in professional practice before courts or public authorities and in consultancy functions</p> <p>Knowledge of techniques directed at finding out and establishing the facts in different types of procedure, especially drawing up documents, questioning and expert evidence.</p> <p>Skills and ability to integrate the defense of clients' rights in the framework of national and international systems of jurisdictional protection.</p> <p>Know different techniques for reconciling interests and know how to find solutions to problems through alternative methods other than legal proceedings.</p> <p>Be aware of and know how to apply professional deontological rights and obligations in a lawyer's relations with clients, other parties, the court or public authority and between lawyers.</p> <p>Know and evaluate the different responsibilities linked to professional practice, including the basic functions of free legal assistance and promoting lawyers' social responsibility.</p> <p>Know how to identify conflicts of interests and the techniques for solving them, to establish the extent of professional secrecy and confidentiality and preserve the independence of criteria.</p> <p>Know how to identify the requirements for the provision and organization of legal advice.</p> <p>Know how to make a practical application of a lawyer's organizational, management and commercial environment as well as the legal, fiscal, labor and personal data protection framework.</p> <p>Develop skills and abilities for choosing the correct strategy to defend clients' rights, taking into account the demands from different areas of professional practice.</p> <p>Develop skills which enable a lawyer to work efficiently and strengthen a team or institution's functions through access to sources of information, knowledge of languages, knowledge management and the use of applied techniques and tools.</p> <p>Know how to organize and plan different individual and group resources available to lawyers.</p> <p>Know how to present facts orally and in writing and to draw up legal documents to argue legal consequences, with attention to the context and the addressee and the specific modalities of each procedural area.</p> <p>Know how to develop professional activities in specific and interdisciplinary teams.</p> <p>Know how to develop interpersonal abilities and skills to aid relations between a professional lawyer and citizens, other professionals and institutions.</p>
Program profile	Lawyer
<i>Career opportunities</i>	
Occupational profiles of	Lawyer

<p>graduates with examples</p> <p><i>Specific career opportunities</i></p>	
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	90 ECTS credits
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment.</p> <p>Classroom</p>
<p>Course structure diagram with credits</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Programme director or equivalent</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Description of individual course units:</p>	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=153&caca=2012</p> <p>Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Agroecology, Rural Development and Agro-Tourism	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses.</p> <p>Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Ecological bases of agricultural systems.</p> <p>The foundations of Rural Development and the tools to implement them.</p> <p>Knowledge of the natural environment on an agricultural and an agricultural component level and the environmental risks associated to each means of territory management.</p> <p>New agricultural production techniques, an in depth knowledge of existing plant genetic resources and promote biodiversity through the flora management and the production of plant species in a sustainable environment.</p> <p>New ecological livestock production techniques, promoting the conservation of indigenous breeds and obtaining quality differentiated animal products.</p> <p>New techniques for industrial transformation processes, which, where possible, lead to obtaining high quality foods which are consumer safe and respect the environment at all times.</p> <p>Commercialization and marketing techniques of organic products.</p> <p>Tools for establishing, developing and producing a viable program for rural tourism which includes aspects of creating new leisure constructions and installations, conservation of architectural, cultural and social heritage of rural areas.</p> <p>Specific skills:</p> <p>Advise about ecological techniques and integrated agricultural and livestock production.</p> <p>Efficiently manage organic agricultural and livestock exploitations.</p> <p>Carry out quality control on organic products which are integrated in all</p>	

	<p>the links of the agroalimentary food chain. Establish a strategic marketing plan. Design strategic rural development plans based on agro-tourism. Design and restore rural installations and accommodation. Design itineraries for leisure activities: hiking, horse-riding, etc. Ability to implement projects on national, regional and community levels which permit funding for taking action in rural development. Make students aware of agroecology and the sustainable development of rural areas. Encourage the ability to work independently and search for solutions for implementing a rural development program. Familiarize students with certain intellectual study techniques: information search, organization and treatment of information etc. Familiarize students with how to deal with scientific technical information (reading articles, revisions, interpreting tables and figures, etc.) so as to gain an in-depth knowledge about the subject matter and to write up reports, summaries, etc. Encourage team work. Encourage active participation in classes, especially in practicals, and basically throughout the learning process. Develop communication and collaboration with colleagues and teachers. Motivate students in their studies. Achieve a final mark which faithfully reflects the work carried out and the level of learning acquired by students.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Profesional training in Rural Development and Agroecology.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Profesional training in Rural Development and Agroecology.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	<p>60 ECTS credits</p>
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment. Mixed</p>

Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=102&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Analysis and Management of Mediterranean Ecosystems.
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses.</p> <p>Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Know the functions, structure and dynamics of Mediterranean land and marine ecosystems, as well as territories traditionally exploited for resources.</p> <p>Know and evaluate the diversity of the living world in all senses, not only with reference to organisms but also social and cultural diversity.</p> <p>Ability to design and develop sustainable strategies for managing Mediterranean ecosystems in protected natural areas and anthropic ally influenced areas.</p> <p>Evaluate global change, analyzing the speed of processes and changes which are produced by human actions on the land.</p> <p>Make practical use of technology and methods to solve environmental problems, which nowadays range from genome and proteome analysis in organisms to remote sensor technologies.</p> <p>Ability to work in a multidisciplinary team which includes specialists from different fields of environmental competence.</p> <p>Ability to solve environmental problems related to business and public administration activities.</p> <p>Spoken and written communication skills in English.</p> <p>Skills in computer, information and communication technologies, as well as access to on-line data bases, such as scientific bibliography, patent and legislation databases.</p> <p>Spoken and written skills in Spanish. Ability to write and present projects in the area of scientific research.</p> <p>Specific skills:</p> <p>Basic Module:</p> <p>Interpret the interrelations between the environmental factors and</p>

	<p>ecological processes of the Mediterranean Sea, and their importance for the conservation and order of marine biodiversity and resources.</p> <p>Apply methods for quantifying the main environmental, biotic and systemic descriptors of any type of land ecosystem in the Mediterranean region.</p> <p>Identify the basic processes of a land ecosystem in the Mediterranean region and the risk of degradation and collapse.</p> <p>Be aware of the implications of the historical process of human colonization for ecosystems, its effects and the future of the present landscape.</p> <p>Knowledge of the geomorphological processes that have shaped the Mediterranean basin throughout its history, and its prospects.</p> <p>Evaluate the cultural needs and agricultural practices necessary for exploitation of the Mediterranean area.</p> <p>Ability to evaluate the fertility and capacity of soils, and design means for their conservation.</p> <p>Ability to characterize the climate and analyze the problems of water availability in ecosystems.</p> <p>Use, manage and produce digital cartographic databases to obtain environmental information from the images produced by remote sensors.</p> <p>Develop models for structured populations and apply them to make predictions in different scenarios.</p> <p>Model time-series for abundance of marine resources.</p> <p>Mediterranean Ecosystems Analysis Module:</p> <p>Understand the interaction processes between man and the environment which generate and maintain landscapes. Know how to apply Geographical Information Systems in order to identify and quantify patterns in the landscape and to deduce the processes they arise from.</p> <p>Knowledge of the Biology and Ecology of soils and the implications for plant health and the functions of land ecosystems.</p> <p>Solve problems to manage solid biota.</p> <p>Identify forest soil types and the conditions that generate them.</p> <p>Ability to identify the soil conditions that influence plant growth and the potential of soil uses.</p> <p>Develop models for changes in soil use and plant cover. Understand the processes that determine changes in plants and ecological succession.</p> <p>Be aware of the importance of hydrological flows in forests.</p> <p>Understand nutrient flows in a forest ecosystem and their role in management.</p> <p>Understand the importance of the spatial organization of populations and its role in population dynamics. Identify and evaluate conservation problems of species under threat.</p> <p>Ability to propose recuperation strategies, using demographic, genetic management and habitat processes. Evaluate the state of ecosystems and possible restoration strategies.</p> <p>Know about ecotechnology applications and their limitations.</p> <p>Knowledge of the main taxonomic groups of species and indicator</p>
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	<p>communities in the marine environment, Apply exploitation and disturbance indicators to practical cases. Ability to use marine communities as elements for environmental evaluation. Recognize and evaluate the impacts of fishing and aquaculture, building work, desalination and water discharges on the marine environment. Propose marine ecosystem recuperation and restoration measures. Know how to apply waste discharge legislation. Ability to draw up proposals for protected marine areas. Design, the structure, distribution and characteristics of artificial reefs. Manage an aquaculture installation using ecological and organic criteria. Ability to carry out an environmental follow-up of benthic and pelagic communities and the physical-chemical characteristics of the water. Ability to use useful models to estimate the survival, mortality and lifespan of exploited marine populations and their usefulness for specific cases. Identify physical coastal processes involved in coastal dynamics. Propose interventions in the coastal environment to recover degraded spaces or prevent damage in the future. Ability to use useful analytical and molecular technologies to analyze environmental samples in ecosystems. Identify the most important pathogens from Mediterranean crops. Knowledge of sustainable pathogen control strategies for Mediterranean crops. Knowledge of the ecological bases of antagonism and biological control mechanisms on a molecular, cell, organism and ecosystem scale. Understand the strategies of biological control agents and the techniques to manage them.</p> <p>Environmental Management of Mediterranean Ecosystems Module:</p> <p>Understand and be able to evaluate water use and demand for different purposes in the Mediterranean context. Identify improvement strategies for water management, Be familiar with technical tools for the sustainable use of water and improvement and innovation possibilities. Ability to design a project for urban and industrial water treatment and purification based on new technical criteria and environmental sustainability. Knowledge of the legislation applied to the production and management of different types of waste. Ability to develop good technical management of waste from different sources. Identify and quantify legal environmental aspects for environmental planning and territorial prospects. Ability to analyze, implement and adapt an environmental management system in different types of company and official entities. Ability to define the environmental organization and situation of companies and institutions. Know and apply international regulations for environmental certification</p>
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	<p>ISO and EMAS.</p> <p>Ability to prepare an Environmental Impact Study and make new proposals for environmental correction.</p> <p>Know and apply the methodology for making a Strategic Environmental Evaluation.</p> <p>Ability to understand, analyze and manage environmental contamination problems and look for solutions to minimize them from an environmental, application and economic perspective.</p> <p>Ability to propose corrective measures which minimize air, water and land pollution.</p> <p>Apply digital/statistical techniques for area and satellite imagery to analyze territory and determine land use.</p> <p>Design innovative planning proposals based on advanced knowledge and the application of new technologies which enable suitable management and administration of space and sustainable territorial development.</p> <p>Know the viability of ecological agriculture as a means of sustainable management in rural areas and new crop-growing systems.</p> <p>Identify and evaluate biota and its management as a key to advancing in the study of the natural and anthropic environment.</p>
Program profile	Research in Environmental Sciences.
<i>Career opportunities</i>	
Occupational profiles of graduates with examples	Research in Environmental Sciences.
<i>Specific career opportunities</i>	
Course grading criteria	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<i>Generic evaluation of the Master's and grading system</i>	
Graduation requirements	60 ECTS credits
<i>Number of ECTS credits from the curriculum</i>	
Mode of study	Full- or part-time enrolment.
<i>Full- or part-time. Classroom, mixed, long-distance.</i>	Mixed
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=100&caca=2012</p> <p>Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master`s in Taxation
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master`s at this university.</p>
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Ability to apply acquired knowledge about taxation to real situations from specialized professional activity.</p> <p>Ability to identify, interpret and solve highly complex problems in the area of taxation.</p> <p>Ability to know how to act at all times in situations that may arise in different complex taxation scenarios.</p> <p>Ability to provide integral and coordinated tax advice in any case or circumstance.</p> <p>Ability to have a full command of and deal with all aspects of national and international taxation.</p> <p>Ability to develop a high and reasonable critical awareness of taxation regulations.</p> <p>Ability to differentiate between relevant and secondary information in carrying out tax consultancy.</p> <p>Social and ethical commitment when adopting different decisions in tax consultancy.</p> <p>Ability to use rational criteria in the argument and resolution of different complex tax problems.</p> <p>Capacity for continuous learning, updating and development of advanced knowledge acquired through the constant reforms of national and international tax regulations.</p> <p>Ability to accurately communicate and argue the results of a professional consulting activity orally or in writing, before different audiences (taxpayers, Administration, Courts).</p> <p>Ability to interrelate different areas of knowledge to solve unforeseen situations and without information in the area of taxation.</p> <p>Ability to achieve professional excellence in all actions.</p>

	<p>Specific skills:</p> <p>Basic module:</p> <p>Ability to cope with and solve complex situations in different actions, processes and phases in management, inspection and tax revenue procedures.</p> <p>Ability to show the utmost respect for the guarantees necessary to attend an alleged offender in a penalty or a criminal procedure.</p> <p>Ability to perform in a highly professional way in the framework of the different channels available to contest taxation acts undergoing administrative and legal procedure.</p> <p>Ability to evaluate the incidence of tax incentives in business and to select the most appropriate business strategy for each case.</p> <p>Ability to obtain a high level of specialization in the taxation of economic activities developed by people or entities on a national and international level.</p> <p>Ability to design complex fiscal planning operations, considering the different tax options.</p> <p>Ability to have a proficient understanding of taxation of individual taxpayers in the different types of tax rates.</p> <p>High capacity to use new technologies in performing fiscal consulting activities.</p> <p>Ability to interrelate different national and international measures to avoid international double taxation.</p> <p>Ability to interpret and apply the regulations that have a bearing on the taxation of transnational operations and put forward solutions to complex and new situations which may require a specific response.</p> <p>Ability to identify and apply sectorial adaptations of the General Accountancy Plan and to evaluate its incidence in the taxation of certain economic sectors.</p> <p>Business Tax regime Module:</p> <p>Ability to solve complex tax situations which arise from the application of taxes in specific economic sectors.</p> <p>Ability to select the most advantageous economic alternative in view of the fiscal incentives which Spanish and Valencian businesses have access to.</p> <p>Ability to identify the fiscal implications of different phases of development of real estate activity and provide an appropriate response in the context of the law in force.</p> <p>Ability to evaluate different business finance methods and the impact of taxation in order to improve selection from the different instruments available.</p> <p>Ability to specialize in the peculiarities of the tax regime which family based businesses present.</p> <p>Ability to have a critical attitude when evaluating the importance of tax aspects in the development of economic activities.</p> <p>Ability to advise the taxpayer about the most advantageous territory</p>
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	<p>localization of their personal and business wealth from a tax perspective. Ability to evaluate the weight of taxation in a company, with attention to not only payment of taxes, but also all other indirect costs included in taxation.</p> <p>Fiscal Planning Regime of Public Administrations Module: Ability to develop specialized fiscal planning about different products for individual savings-plans. Ability to make decisions about fiscal advice when solving specific problems about different modes of labor relations. Ability to evaluate the importance of family circumstances as a decisive element of taxation, evaluating the most favorable tax alternative. Ability to provide integral fiscal advice specialized in the area of individual investment. Ability to accurately solve problems which can affect people with respect to taxpayers' protection rights and guarantees. Ability to professionally advise people about economic activities when determining the tax regime and the possible fiscal incentives to be applied.</p> <p>International Fiscal Consultancy Module: Ability to perceive the phenomenon of economic globalization and its specific effects on taxation. Ability to identify and solve highly complex taxation problems and questions which can arise in a company as a consequence of economic activities carried out in a community or international environment. Ability to give specialized fiscal advice to clients about different investment options in international capital markets. Ability to select the most advantageous tax alternative in the light of the main lines of action of the European Union. Ability to give specialized advice in the area of international fiscal planning, with emphasis on fraudulent behaviors and their legal consequences. Ability to advise a client about requests for tax information from States other than Spain, in the framework of investigation procedures. Ability to accurately define objectives in matters of tax strategy in real estate operations by non-residents in Spain, and draw up a plan to accomplish them on the basis of the information available.</p> <p>Work Experience Module: : Ability to initiate a professional career satisfactorily, enabling learning which includes knowing what to do (managing situations), knowing how to act (working with others) and knowing how to behave (responsible behavior).</p> <p>End of Course Assignment: Ability to interrelate acquired knowledge in order to achieve full development of the general and specific skills of the course.</p>
Program profile	Auditor.

<i>Career opportunities</i>	
Occupational profiles of graduates with examples <i>Specific career opportunities</i>	Auditor.
Course grading criteria <i>Generic evaluation of the Master's and grading system</i>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
Graduation requirements <i>Number of ECTS credits from the curriculum</i>	60 ECTS credits
Mode of study <i>Full- or part-time.</i> <i>Classroom, mixed, long-distance.</i>	Full- or part-time enrolment. Classroom
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=103&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Automatization and Telecontrol for Water and Energy Resource Management	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Capacity for continuous improvement, experimentation and innovation. Ability to work in a team and manage Human Resources. Ability to solve problems Ability to put knowledge into practice. Critical and analytical ability in the corresponding specialized area. Ability to evaluate, optimize and confront criteria for decision making Ability to communicate and transmit knowledge before expert and non-expert audiences. Ability to independently keep up to date and be permanently disposed to do so. Acquire scientific knowledge. Knowledge of technical, scientific and technological subjects which enable students to learn new methods and technologies, to be highly versatile and to adapt to new situations.</p> <p>Specific skills:</p> <p>Be familiar with the tools necessary for evaluating strategies for component selection. Understand how control systems function. Identify the most suitable solutions for managing natural resources. Choose and select the appropriate fundamental components for an automatization and telecontrol system. Apply the most suitable methodology for water and energy management. Design control systems and management organigrams for installations. Know the most suitable methods for developing automatization and telecontrol devices.</p>	

	<p>Design automatization and telecontrol installations. Become competent in legal, scientific and technical assessment for automation and telecontrol projects. Develop new devices for control, data collection, management and process automatization. Draw up improvement plans in resource management systems. Acquire skills to draw up technical documents for automatization and telecontrol system projects. Acquire skills to develop prototypes for data collection and control in order to manage natural resources. Gather enough appropriate information to determine the latest advances in relation to automatization and telecontrol in natural resource management. Design resource management models based on the observation of real data. Gather enough appropriate information to determine the latest advances and draw up patents for the Automatization and Telecontrol of natural resource management. Know and apply methodologies for electrical tariffs to design Automatization and Telecontrol systems. Know and apply methodologies for irrigation programming and management to design an Automatization and Telecontrol system. Know and apply management methodologies for the management of water and energy use in irrigation communities to design an Automatization and Telecontrol system. Know and apply energy auditing methodologies to design an Automatization and Telecontrol system. Know and apply management methodologies for renewable energy installations to design an Automatization and Telecontrol system . Design resource management models based on the observation of real data to design an Automatization and Telecontrol system.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Expertise in agricultural and water irrigation.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Expertise in agricultural and water irrigation.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits</i></p>	<p>60 ECTS credits</p>

<i>from the curriculum</i>	
Mode of study <i>Full- or part-time.</i> <i>Classroom, mixed, long-distance.</i>	Full- or part-time enrolment. Mixed
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=188&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Advances in Cardiology	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Acquire an integral and up to date vision of cardiovascular pathology which ties in with patients' hospital care and primary health care.</p> <p>Acquire new skills to work in multi-professional and multilevel health teams.</p> <p>Ability to seek, obtain, classify and interpret up to date biomedical information obtained from data bases and other sources according to quality.</p> <p>Know the most important and up to date epidemiological, pathogenic, clinical and therapeutic aspects of the pathology.</p> <p>Understand and apply bioethical and medical-legal advances in research and professional activities to the area of cardiac disease.</p> <p>Disseminate the aspects of cutting edge knowledge before expert and non-expert audiences.</p> <p>Specific skills:</p> <p>Make a critical analysis of the latest studies and guides of clinical practice in the area of Cardiology which results in an improvement in the integral evaluation of the cardiology patient.</p> <p>Evaluate new diagnostic and treatment techniques of arterial hypertension, diabetes and dyslipidemias in patients.</p> <p>Ability to make an up to date stratification of cardiovascular risk factors to avoid unnecessary polypharmacy, the use of inadequate medication and to identify inframedication in concomitant diseases and prevention of potentially treatable associated risk factors.</p> <p>Critically analyze the recent developments of different clinical guides about cardiovascular risk factors (HTA, Type II Diabetes, Dyslipidemias, Heart Failure, Isquemic Cardiopathy, Thromboembolic Disease, etc.), and their evaluation through REGICOR, SCORE, Framingham type scales.</p>	

	<p>Know about the advances, indications and clinical indications of the main diagnostic imaging tests in cardiovascular pathology: echocardiography, CAT, NMR and isotopic studies.</p> <p>Know how to formulate a diagnostic and therapeutic opinion and knowledge of the latest advances in managing high prevalence illnesses with a special complexity such as coronary disease, arrhythmias, cardiac failure and valvular pathology of the myocardium and pericardium.</p> <p>Ability to make decisions and the most appropriate diagnostic recommendations to select a therapeutic strategy adapted to each patient based on recently published studies.</p> <p>Ability to apply results from the most important ongoing clinical trials to the primary and secondary prevention of cardiovascular disease.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	Research in Cardiology and Health Sciences.
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	Research in Cardiology and Health Sciences.
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	66 ECTS credits
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment.</p> <p>Long-distance</p>
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=179&caca=2012</p> <p>Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Bioethics
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses.</p> <p>Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Students should know how to apply acquired knowledge and problem solving skills to new and unfamiliar areas within the broader context of bioethics.</p> <p>Students should be able to integrate knowledge and form opinions based on limited information, including reflections on social responsibilities and ethics.</p> <p>Students should know how to clearly and unambiguously present conclusions and the reasons that support them before specialized and non-specialized audiences.</p> <p>Students should have learning skills which will enable them to continue independent and self-directed learning.</p> <p>Apply knowledge through the polarization of determining factors which in multidisciplinary contexts permit strategy design and development for solving specific bioethical problems, with special attention to the specifications of gender and specific groups, such as the disabled.</p> <p>Contextual and integrated application of general quality control concepts, relating them to a changing social and scientific reality and applied to the legal context in force. Ability to create a creative and functional design to be applied to multiple contexts.</p> <p>Develop, understand and broaden knowledge based on procedures for solving ethical problems.</p> <p>Specific skills:</p> <p>Knowledge of the ethical and clinical foundations of bioethics.</p> <p>Knowledge of the scope of bioethics in the social media and problems that are involved in registering health data.</p>

	<p>In depth knowledge of the regulations for health rights and obligations related to bioethics.</p> <p>Knowledge of and ability to apply fundamental ethics to basic and clinical research.</p> <p>Know how to apply ethical knowledge to problems of genetic interventions.</p> <p>Know how to apply ethical knowledge in illness and death.</p> <p>Knowledge and development of ethical skills in attention to patients, in primary healthcare and sexual health.</p> <p>Know how to apply ethical knowledge in cases involving psychiatric patients and minors.</p> <p>Know how to apply ethical knowledge in relation to health policies.</p> <p>Knowledge of the ethical problems which arise during organ donation and transplant.</p> <p>Ability to use different channels to update knowledge, especially through research applied to bioethics and the ability to develop critical skills in relation to the acquisition and application of knowledge.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	Expertise in Bioethics.
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	Expertise in Bioethics.
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	60 ECTS credits
<p>Mode of study</p> <p><i>Full- or part-time. Classroom, mixed, long-distance.</i></p>	Full- or part-time enrolment. Long-distance
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=150&caca=2012</p> <p>Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Bioengineering
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Ability to synthesize different content, finding converging and diverging points.</p> <p>Computer knowledge related to the subject area of the Master.</p> <p>Ability to manage and organize information.</p> <p>Spoken and written communication in native language and in English, in different styles and scientific areas.</p> <p>Ability to organize and plan, problem solving and decision making.</p> <p>Ability to work in a team and develop interpersonal skills.</p> <p>Development of logical scientific reasoning.</p> <p>Critical evaluation of results and information.</p> <p>Ethical commitment and responsibility at work.</p> <p>Motivation and interest in didactic content and achievement of goals.</p> <p>Ability to generate ideas.</p> <p>Adaptation to new situations.</p> <p>Independent and team learning.</p> <p>Development of tools to evaluate quality.</p> <p>Specific skills:</p> <p>Ability to apply theoretical learning to Bioengineering.</p> <p>Design and development of Bioengineering experiments.</p> <p>Ability to quantify phenomena and processes.</p> <p>Interpretation and critical discussion of results published and/or disseminated in journals, congresses and other scientific forums.</p> <p>Ability to synthesize and analyze systems used for Bioengineering.</p> <p>Awareness of the need to keep up to date with knowledge, skills and attitudes through a process of continuous learning.</p>
<p>Program profile</p>	<p>Research in Bioengineering.</p>

<i>Career opportunities</i>	
Occupational profiles of graduates with examples	Research in Bioengineering.
<i>Specific career opportunities</i>	
Course grading criteria	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<i>Generic evaluation of the Master's and grading system</i>	
Graduation requirements	60 ECTS credits
<i>Number of ECTS credits from the curriculum</i>	
Mode of study	Full- or part-time enrolment. Classroom
<i>Full- or part-time.</i>	
<i>Classroom, mixed, long-distance.</i>	
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=113&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Development Cooperation. Interuniversity	
Admission requirements <i>General conditions for access to this degree program</i>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
Access to further studies <i>What may be studied following this academic program</i>	<p>Doctorate</p>	
Qualifications requirements and regulations	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
Key learning outcomes <i>Skills obtained in this program</i>	<p>General skills:</p> <p>Know how to apply acquired knowledge and be able to resolve problems in new and unfamiliar environments within broader (or multidisciplinary) contexts related to development cooperation.</p> <p>Ability to integrate knowledge and deal with the complexity of forming opinions based on limited information which includes reflections on social responsibilities and ethics. linked to the application of knowledge and opinions from a gender perspective.</p> <p>Know how to communicate conclusions (and knowledge and reasons that support them) to specialized and non-specialized audiences clearly and unambiguously.</p> <p>Have independent and self-directed learning skills for continuous study.</p> <p>Analyze cooperation problems from a global perspective.</p> <p>Knowledge of the economic, social and political forces that explain and cause poverty, inequality and problems for developing nations, causes of underdevelopment and the role of developed countries from a global perspective.</p> <p>Analytical criteria about the social, political, economic and cultural reality which are the context for focuses and themes of the new cooperation culture promoted by international organizations and conventions.</p> <p>Recognize the interrelations between local and global agents.</p> <p>Ability to get involved in international cooperation strategies and successfully set up actions coherent with a sustainable human development model.</p> <p>Knowledge of the international economic environment to identify viable development actions in world markets.</p> <p>Prepared to participate in national and international public and private organizations and successfully carry out the management of coherent</p>	

	<p>public policies based on a sustainable human development model. Link methods from the logical framework to general planning concepts. Incorporate the following cross-cutting elements into any area of professional life related to cooperation development: gender equality, environment, sustainability and territorial dimension, HIV, equality, human rights and interculturality based on rights. Ability to propose and carry out research in all its phases. Develop teamwork skills. Ability to prepare a field visit to gather prior information about the political, economic, social and cultural context, the preparation of intervention/research in the field and the safety procedures that should be taken into account. Develop the skills necessary to work in a group as a key pillar to carrying out activities with other professionals from the cooperation development sector.</p> <p>Specific skills:</p> <p>Make an epidemiological analysis. Evaluate the population's state of health and their needs and economic impact. Knowledge of the millennium objectives for health improvement and list their indicators. Identify social determinants which affect the level of health of a determined population group. Evaluate policies, strategies and public health services through the analysis of economic, social and cultural information. Evaluate the behavior of different population groups in context. The collective or group characteristics in health outcomes. Manage group or contextual variables. Critically evaluate data to better assess, understand and address problems in prevention and control programs. Define multi-sectorial management strategies focused on solving detected problems. Design health policies and effective social response which improve and protect health. Lead a health team. Distinguish the peculiarities of the health services and the organization of the health system. Knowledge of the main infectious agents and the symptomatology of the diseases they produce. Knowledge of the prevalence and characteristics of diseases in developing countries and select the strategies to combat the most frequent infectious diseases (AIDS, malaria, malaria, paludism, dengue, etc.) Select suitable scientific research methods about public health in different circumstances and levels of health. Undertake a health improvement project. Knowledge of health services and the organization of health systems. Methodology skills: select suitable scientific research methods about</p>
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	public health in different circumstances and levels of health. Design a health improvement project. Read bibliography.
Program profile <i>Career opportunities</i>	Training on International Cooperation.
Occupational profiles of graduates with examples <i>Specific career opportunities</i>	Training on International Cooperation.
Course grading criteria <i>Generic evaluation of the Master's and grading system</i>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
Graduation requirements <i>Number of ECTS credits from the curriculum</i>	90 ECTS credits
Mode of study <i>Full- or part-time.</i> <i>Classroom, mixed, long-distance.</i>	Full- or part-time enrolment. Classroom/mixed
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=158&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Diagnostic Imaging in Cardiology	
Admission requirements <i>General conditions for access to this degree program</i>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
Access to further studies <i>What may be studied following this academic program</i>	<p>Doctorate</p>	
Qualifications requirements and regulations	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
Key learning outcomes <i>Skills obtained in this program</i>	<p>General skills:</p> <p>Acquire an integral and up to date vision of diagnostic imaging of cardiovascular pathology.</p> <p>Know how to make, interpret and report on the main diagnostic imaging tests in cardiovascular pathology: echocardiography, cardio-CAT, cardio-NMR and cardio isotopic according to the most recent recommendations. Implement innovations from different clinical guides and recommendations from the main scientific societies dedicated to the area of diagnostic imaging in cardiology.</p> <p>Learn to integrate different imaging techniques in functional and risk stratification and in the management of highly prevalent and complex diseases such as, coronary disease, cardiac failure and valvular pathology of the myocardium and pericardium, and other indications, such as pathology of large vessels, congenital cardiopathies or cardiac masses based on relevant on-going studies.</p> <p>Acquire new methodology skills in to work in multi professional and multilevel health care teams so as to learn to synthesize, interpret, make decisions and to make diagnostic recommendations best suited to the process under study, adapting them to the risk and specific state of the patient.</p> <p>Develop learning skills which enable students to be up to date and apply diagnostic knowledge presented to the international scientific community through independent study, knowing how to search for, obtain and classify according to quality and interpret biomedical information obtained from data bases and other sources of information from the imaging field.</p> <p>Specific skills:</p>	

	<p>Know the technological advances and new methods employed in diagnostic imaging in cardiology: echocardiography, cardio-CAT, cardio-NMR and nuclear cardiology.</p> <p>Acquire skills to carry out different cardiac imaging techniques, analyzing the results and gathering the most relevant diagnostic and prognostic, morpho-anatomical and functional information to be able to make a full report of each type of test.</p> <p>Knowledge of the most up to date results about epidemiological, clinical aspects, physiopathological mechanisms as well as the diagnostic criteria of the most prevalent cardiac pathologies and how their functional repercussions are evaluated through different imaging techniques.</p> <p>Knowledge of the diagnostic performance and reproducibility of the different imaging techniques for different clinical- healthcare processes.</p> <p>Learn to select the most suitable diagnostic strategies in cardiovascular pathology, taking into account the most recent studies about the risk of the adverse effects associated to each cardiac imaging technique in different clinical contexts.</p> <p>Knowledge of the most modern organizational aspects of a Cardiac Imaging Unit, integrating different imaging methods and techniques, as well as different medical and non-medical professionals and cardiologists and non-cardiologists.</p> <p>Promote and apply advances in bioethical and medical-legal principles of healthcare and research applied to cardiovascular study through imaging techniques. Disseminate new knowledge in Cardiac Imaging to other professionals.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	Research in Cardiology and Health Sciences.
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	Research in Cardiology and Health Sciences.
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	66 ECTS credits
<p>Mode of study</p> <p><i>Full- or part-time.</i></p>	Full- or part-time enrolment. Long-distance

Classroom, mixed, long-distance.	
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=180&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Solar Energy and Renewable Energies	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Develop an attitude committed to the environment and making the most of energy resources and the optimization of electrical generation and consumption.</p> <p>Ability to seek, obtain and manage information on all levels, including scientific and technical bibliographies, patent data bases, economic and legal indicators.</p> <p>Written and spoken communication skills, especially in scientific, technical, economic and business environments.</p> <p>Ability to use tools related to Information Technologies and Communication.</p> <p>Students should know how to successfully work in new market environments or in conditions other than those studied.</p> <p>Reinforce students' enterprising spirit and the creation of companies so that they can use the resources available to develop viable business models.</p> <p>Facilitate global thought by investigating all countries that offer a business opportunity in the energy sector and not just the Spanish Market.</p> <p>Ability to work in multidisciplinary and/or international teams, using collaborative tools.</p> <p>Ability to efficiently manage resources.</p> <p>Ability to edit and write projects related to renewable energies.</p> <p>Use IT tools effectively for project management.</p> <p>Promote a spoken and written understanding of technical texts in foreign languages, especially in English.</p> <p>Specific skills:</p>	

	<p>Ability to evaluate the advantages and drawbacks of different energy production systems.</p> <p>Ability to manage and interpret energy databases.</p> <p>Ability to analyze the role of energy as a fundamental production factor in the economic system and different energy markets.</p> <p>Ability to analyze and design monitoring and control systems for renewable energies.</p> <p>Ability to design, direct and maintain productive installations both in isolated systems and those connected to the network.</p> <p>Ability to design, direct and maintain electrical energy installations based on solar energy through photovoltaic process, both in isolated systems and those connected to the network.</p> <p>Ability to design, direct and maintain electrical energy installations based on biomass.</p> <p>Ability to design, direct and maintain installations producing low and high temperature thermal energy based on solar energy through different technologies.</p> <p>Ability to design, direct and maintain installations producing electrical energy based on high temperature thermosolar processes through different technologies.</p> <p>Ability to design, direct and maintain installations for electrical and thermal cogeneration.</p> <p>Ability to understand the manufacturing processes for photovoltaic cells and panels.</p> <p>Ability to understand hydraulic and marine energy systems.</p> <p>Ability to understand and apply the principles of Electrotechniques.</p> <p>Understanding of conventional energy systems.</p> <p>Ability to understand and apply innovations in the area of biomass and biofuels.</p> <p>Ability to understand and apply innovations in the area of solar energy.</p> <p>Ability to understand and apply innovations in the area of Eolic energy.</p> <p>Ability to understand and apply innovations in the area of energy transport and distribution.</p> <p>Ability to manage energy from a system efficiently.</p> <p>Ability to interpret and apply the Building Technical Code with respect to energy efficiency.</p> <p>Ability to understand and apply innovations in the area of geothermal energy.</p> <p>Ability to understand and apply innovations in the area of energy storage.</p> <p>Ability to carry out studies on the consumption of energy in industry and homes and optimize it for energy efficiency.</p> <p>Ability to apply legal and fiscal procedures to the energy sector, and specifically to the renewable energies sector.</p> <p>Ability to make financial analyses applied to the energy sector.</p> <p>Ability to manage renewable energy companies.</p> <p>Ability to design marketing strategies for renewable energy companies.</p> <p>Ability to analyze and describe global and local environmental problems derived from exploitation, transport and consumption of fossil fuels,</p>
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	<p>emphasizing global warming.</p> <p>Ability to analyze and describe environmental problems derived from the use of non-renewable energies.</p> <p>Ability to define hybrid systems that can combine and optimize different sources of renewable energy.</p> <p>Ability to analyze the Eolic resources available in a specified location.</p> <p>Ability to understand and establish alternatives and/or innovations to the different renewable energies in electrical networks.</p> <p>Ability to react and make efficient decisions related to renewable energies in a business environment.</p> <p>Ability to make structural calculations of support systems for different renewable energy installations.</p> <p>Ability to understand the basic optical principles applicable to concentration systems.</p> <p>Ability to apply the basic principles of electrotechniques and mechanics necessary for understanding renewable energy systems.</p> <p>Knowledge of different manufacturers and technologies available for different renewable energies, knowing how to distinguish and prioritize between different qualities and processes according to the final application.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	Renewal Energies Engineering.
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	Renewal Energies Engineering.
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	90 ECTS credits
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment.</p> <p>Mixed</p>
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or	http://en.umh.es/Universidad-Miguel-Hernandez-De-

equivalent	Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=186&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Infectious Diseases and International Health.	
Admission requirements <i>General conditions for access to this degree program</i>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
Access to further studies <i>What may be studied following this academic program</i>	<p>Doctorate</p>	
Qualifications requirements and regulations	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
Key learning outcomes <i>Skills obtained in this program</i>	<p>General skills:</p> <p>Students should have systematic competence in the area of infectious diseases and knowledge of the research skills and methods related to infectious diseases.</p> <p>Students should have systematic competence in the area of international health and knowledge of the research skills and methods related to international and global health.</p> <p>Students should make a contribution through original research in the area of infectious diseases and international health broadening the scope of knowledge and developing a substantial corpus, part of which merits national and international referenced publication.</p> <p>Students should be able to make a critical analysis, evaluation and synthesis of new and complex ideas about infectious diseases and international health.</p> <p>Students should know how to communicate with their colleagues, the academic community as a whole and with society in general about infectious diseases and international health.</p> <p>Students should be able to promote technological, social or cultural advances in academic and professional contexts in the area of infectious diseases and international health within a knowledge-based society.</p> <p>Specific skills:</p> <p>Students should know how to ask for microbiological tests, interpret the results from microbiological diagnostic techniques and from the study of antimicrobial activity and should be able to carry out fundamental techniques for quick diagnosis of infectious diseases.</p> <p>Students should be able to use antimicrobials (antibacterials, antifungals,</p>	

	<p>antiparasitics and antivirals) clinically and to design, plan and implement programs for their management in different health environments. Students should have an accurate knowledge of the main diagnostic tests used for infectious diseases and in international health, including microbiological analytical tests, biochemical analytical tests and radiological tests and their conditions of use.</p> <p>Students should be competent in the area of clinical infectology, and have knowledge of the skills and health care methods related to the infections acquired in the community. They should also acquire the basic skills for initiation in research tasks.</p> <p>Students should be competent in the area of clinical infectology and have knowledge of the skills and health care methods related to infections associated with medical and surgical procedures and they should acquire the basic skills for initiation in research tasks.</p> <p>Students should be competent in the area of clinical infectology and have knowledge of the skills and health care methods related to infections produced by HIV and the hepatitis virus and they should acquire the basic skills for initiation in research tasks.</p> <p>Students should be competent in the area of infections associated with alterations in the defense system and have knowledge of the skills and health care methods related to infections in immunocompromised patients, they should also acquire the basic skills for initiation in research tasks.</p> <p>Students should be able to identify the main signs and symptoms that indigenous and imported infections present in their different locations, in the normal host and the immunodepressed host.</p> <p>Students should be competent in the area of International Health, have knowledge of the skills and health care methods related to Emerging Imported Diseases, and they should acquire the basic skills for initiation in research tasks.</p> <p>Students should be competent in the area of Travel Health and attention to the immigrant population, have knowledge of the skills and health care methods related to travelers' health problems, and they should acquire the basic skills for initiation in research tasks.</p> <p>Students should be able to correctly proceed before the main syndromes in infectious diseases and different situations that arise when attending the immigrant population and travelers.</p> <p>Students should acquire the capacity to manage the tools for Epidemiology and Public Health related to Infectious Diseases and International Health.</p> <p>Students should be able to access scientific literature, data bases, documental sources and high-level information on Infectious Diseases and International Health.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Research in International Health.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career</i></p>	<p>Research in International Health.</p>

<i>opportunities</i>	
Course grading criteria <i>Generic evaluation of the Master's and grading system</i>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
Graduation requirements <i>Number of ECTS credits from the curriculum</i>	60 ECTS credits
Mode of study <i>Full- or part-time.</i> <i>Classroom, mixed, long-distance.</i>	Full- or part-time enrolment. Mixed
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=159&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Secondary Education Teaching, Vocational Training and Language Teaching.	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Knowledge of the curriculum contents of subjects related to the corresponding teaching specialization, as well as didactic knowledge related to respective teaching and learning processes. Knowledge of the respective professions For Vocational Training will be included.</p> <p>Plan, develop and evaluate the teaching and learning process which facilitates skills acquisition, with attention to level and students' previous education as well individual orientation or in collaboration with other teachers and professionals from the center.</p> <p>Seek, obtain, process and communicate information (spoken, printed, audio visual, digital or multimedia), transforming it into knowledge and applying it to teaching and learning processes in the respective specialist subjects.</p> <p>Participate in planning a curriculum to be implemented in a school; develop and apply didactic group and personalized methodologies adapted to students.</p> <p>Design and develop learning spaces with special attention to equity, emotional education in values, equal rights and opportunities between men and women. Civic education and respect for human rights which facilitate life in society, decision making and the construction of a sustainable future.</p> <p>Acquire strategies to stimulate students' efforts and promote their capacity to learn by themselves and with others and to develop thought and decision skills which help personal independence, confidence and initiative.</p> <p>Knowledge of interaction and communication processes in the classroom, the necessary social skills and abilities to encourage learning</p>	

	<p>and coexistence in the classroom and to deal with discipline problems and solve conflicts.</p> <p>Design and carry out formal and informal activities which contribute to making the school a place of participation and culture in the local environment; develop tutorial functions and coordinated and collaborative student orientation; participate in evaluation, teaching and learning research and innovation processes.</p> <p>Knowledge of the regulations and institutional organization of the education system and models of quality improvement with application to educational centers.</p> <p>Knowledge and analysis of the historical characteristics of the teaching profession, its present situation, perspectives and interrelation with the social reality at the time.</p> <p>Inform and advise families about the teaching and learning process and about their children's personal, academic and professional orientation.</p> <p>Specific skills:</p> <p>Students' knowledge of their characteristics, their social contexts and motivations.</p> <p>Understand the development of students' personality and possible dysfunctions that can affect learning.</p> <p>Draw up proposals based on knowledge acquisition, skills and intellectual and emotional aptitudes.</p> <p>Identify and plan the solution of educational situations that affect students with different capabilities and different learning rhythms.</p> <p>Knowledge of interaction and communication processes in the classroom and the school and tackle and solve problems.</p> <p>Knowledge of the historical evolution of the educational system of our country.</p> <p>Apply information resources and strategies, tutorial and academic and professional orientation.</p> <p>Promote actions of emotional education in values and civic education.</p> <p>Participate in the definition of an educational project and in general activities of the school with attention to diversity, the prevention of learning and coexistence problems.</p> <p>Relate education to the environment and understand the educational function of the family and the community for the acquisition of educational skills and learning with respect to rights and liberties in equality of rights and opportunities between men and women and equal treatment and non-discrimination of disabled people.</p> <p>Knowledge of the historical evolution of the family; the different types of the family context and their incidence in education.</p> <p>Acquire social skills in family relations and orientation.</p> <p>Knowledge of the educational and cultural value of the corresponding specialist subjects and their content.</p> <p>Knowledge of the history and recent developments of subjects and their perspectives so as to transmit a dynamic vision.</p> <p>Knowledge of contexts and situations where different curriculum contents are used and applied.</p>
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	<p>Knowledge of the evolution and interaction between society, work and quality of life, as well as the need to acquire suitable training for adapting to the changes and transformation that professions may require.</p> <p>Knowledge of the processes and resources for preventing learning and coexistence problems, academic and professional evaluation and orientation processes.</p> <p>Knowledge of the theoretical and practical developments of teaching the corresponding subjects.</p> <p>Transform curriculums into activity and work programs.</p> <p>Acquire selection criteria and prepare educational materials.</p> <p>Promote a climate which facilitates learning and evaluates student's contributions.</p> <p>Integrate audio-visual communication and multimedia into the learning and educational process.</p> <p>Apply innovating teaching proposals in the area of respective specialized subjects.</p> <p>Identify problems related to teaching and learning matters of specialization and establish alternatives and solutions.</p> <p>Know evaluation strategies and techniques and understand evaluation as an instrument of regulation and stimulation.</p> <p>Critically analyze the implementation of teaching, of good practices and orientation using quality indicators.</p> <p>Apply methodologies and basic research techniques and educational evaluations and be able to design and develop research, innovation and evaluation.</p> <p>Acquire experience in planning, education and evaluation of the corresponding specialized subjects.</p> <p>A good knowledge of written and spoken expression in teaching.</p> <p>Have social skills and abilities necessary to encourage a climate which facilitates learning and coexistence.</p> <p>Participate in improvement proposals in the different areas of action based on practical experience.</p> <p>Vocational Training: knowledge of business typology corresponding to productive sectors and understanding of the most common business organizational systems.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Enabled to access to teach on secondary education and teaching of languages in Spain</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Secondary School Teacher.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors

Graduation requirements <i>Number of ECTS credits from the curriculum</i>	60 ECTS credits
Mode of study <i>Full- or part-time.</i> <i>Classroom, mixed, long-distance.</i>	Full- or part-time enrolment. Mixed
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=177&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Human Resources Management, Work and Organizations	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee.</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Self-management: setting goals; evaluating the resources required; planning activities; organizing activities; revision of progress and implementation.</p> <p>Information management: gather information effectively from books and journals; gather information effectively from documents; gather information effectively from other people; design and carry out interviews; the safekeeping of documents.</p> <p>Communication: reading and writing in English; making audio-visual presentations: making spoken and written reports; Effective two-way communication, interpretation of people's intentions.</p> <p>Team work: cooperation within teams.</p> <p>Academic skills: logical reasoning; critical thought; application of various problem solving strategies; evaluation of new developments.</p> <p>Professional strategy; choosing an appropriate strategy to deal with a problem or problems based on a reflection about the professional situation and one's basic skills.</p> <p>Management of professional activity: design and management of professional activity, according to whether it is a small business or a larger public or private organization, including financial, staff and operational aspects, providing employees with leadership.</p> <p>Quality assurance: establish and maintain a system of quality assurance as an overall action.</p> <p>Professional relations: establish and maintain relations with other professionals and other important organizations.</p> <p>Continuous professional development: to develop and be competently up to date with knowledge and skills related to changes in the standards and requirements of a professional psychologist, national laws and European regulations.</p>	

	<p>Acknowledge the profession's ethical code: acknowledge ethical aspects by considering the perspectives and interests of the different stakeholders. Guarantee respect for the principle ethics in research and professional activities. Competence to judge and resolve ethical dilemmas.</p> <p>Specific skills:</p> <p>Knowledge of strategic management, ability to analyze, design and improve its application.</p> <p>Ability to design a study for the analysis and improvement of the relation between performance and remuneration.</p> <p>Know and establish the parameters and conditions for optimum training in a company.</p> <p>Establish the elements which aid the achievement of different processes and the ability to apply different methodology for their improvement.</p> <p>Know, evaluate, design and improve the professional career of employees from an organization.</p> <p>Ability to design a research study for the analysis and improvement of adaptation between a person and their post.</p> <p>Knowledge of the psychosociological aspects that can influence work performance, have the ability to detect them and the skills to manage them adequately.</p> <p>Knowledge of the determinants of occupational health. Have the ability to make a design to measure the influence of the occupational health environment.</p> <p>Establish quality system indicators, analyze their implementation and propose new indicators and improvement strategies.</p> <p>Evaluate the factors that determine organizational climate and culture.</p> <p>Ability to design a study to analyze the present situation which also provides improvement methods.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Human resources Manager.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Human resources Manager.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	<p>60 ECTS credits</p>

<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment. Mixed</p>
<p>Course structure diagram with credits</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Programme director or equivalent</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Description of individual course units:</p>	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=112&caca=2012</p> <p>Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Management and Design of Projects and Installations	
Admission requirements <i>General conditions for access to this degree program</i>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
Access to further studies <i>What may be studied following this academic program</i>	<p>Doctorate</p>	
Qualifications requirements and regulations	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
Key learning outcomes <i>Skills obtained in this program</i>	<p>General skills:</p> <p>Capacity to write, sign and develop projects in the area of engineering that students are competent in according to their degree, the aim of which should be construction, reform, repair, conservation, demolition, manufacture, installation, set up or exploitation of structure, mechanical equipment, energy installations, electrical installations, industrial plant installations, agricultural and manufacturing installations.</p> <p>Ability to direct target activities in the area of engineering students are competent in according to their degree, outlined above.</p> <p>Knowledge of technical, scientific and technological subjects which enable students to learn new methods and technologies, as well as becoming more versatile and able to adapt to new situations.</p> <p>Capacity to direct or supervise multidisciplinary and multicultural teams, in order to Integrate knowledge and form opinions based on limited information which includes reflections on social, ethical and environmental responsibilities in tune with the socio economic and natural environment in which they work.</p> <p>Ability to write up reports, evaluations, measurements, studies and inspections based on a critical analysis of reality.</p> <p>Ability to deal with mandatory specifications, regulations and rules.</p> <p>Ability to organize and plan within a business and other institutions and organizations.</p> <p>Aptitude to develop skills required to continue independent or directed learning, including new concepts, processes or methods derived from research, development and innovation in their</p>	

	<p>professional activity.</p> <p>Specific skills:</p> <p>Process documents related to projects and installations in public and private sectors, within the framework of the regulations in force.</p> <p>Describe project administration and management processes.</p> <p>Give a full, practical and flexible vision, of the profession of Project Management.</p> <p>Ability to make an economic-financial study of projects.</p> <p>Design health and safety studies and plans, and also describe the functions and obligations of the health and safety coordinator.</p> <p>Describe the functions of the health and safety coordinator.</p> <p>Ability to make an analysis of waste management.</p> <p>Understand basic documents from the Technical Building Code in the area of structure.</p> <p>Manage the elements of a CAD system in the area of concrete, metallic and wooden structures</p> <p>Identify the fundamental characteristics of lighting installations and know how to use different applications.</p> <p>Knowledge of the regulations in force for high and low tensions and their complementary technical instructions.</p> <p>Understand high and low tension electrical installations.</p> <p>Knowledge of the concept of energy efficiency and saving and ability to make energy audits.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	Rural Engineering Project Manager.
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	Rural Engineering Project Manager.
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	60 ECTS credits
Mode of study	Full- or part-time enrolment. Mixed

<p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=187&caca=2012</p> <p>Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Management, Treatment and Use of Organic Waste	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Acquire scientific knowledge about organic waste management.</p> <p>Identify and solve problems related to organic waste management.</p> <p>Ability to design and manage projects.</p> <p>Ability to adapt to scientific advances, continuous improvement, innovation and creativity in the area of organic waste management.</p> <p>Ability to analyze and synthesize information.</p> <p>Critical and analytical skills in the area of environment.</p> <p>Decision making ability.</p> <p>Ability to communicate orally and in writing about knowledge acquired.</p> <p>Ability to work in multidisciplinary and multicultural teams.</p> <p>Ethical and environmental commitment to the development of sustainable scientific solutions to the human and natural environment.</p> <p>Skills to use data bases and other available tools for obtaining scientific information.</p> <p>Specific skills:</p> <p>Skills to design experiments related to waste management and data analysis.</p> <p>Knowledge of different economic resources for research funds.</p> <p>Identify present day techniques for organic waste management and sectors with the highest organic waste production.</p> <p>Knowledge of the European and Spanish legislations in force in relation to organic waste.</p> <p>Knowledge of the bases of organic waste treatment and stabilization and classify the different types.</p> <p>Knowledge of the conditions required for the composition of materials</p>	

	<p>and the technical requirements for each organic waste treatment method.</p> <p>Establish the main control parameters for the different organic waste treatment processes.</p> <p>Knowledge of the evolution of physical, chemical and microbiological processes of organic waste treatments.</p> <p>Assess the level of organic waste treatment and the quality of the material obtained.</p> <p>Establish the advantages and drawbacks of different methods of organic waste treatment.</p> <p>Ability to assess the environmental impact generated by organic waste management.</p> <p>Ability to analyze the economic and energy aspect for decision making about organic waste management.</p> <p>Assess how the application of waste and compost affects soil properties.</p> <p>Know how to use and calculate the measure of organic waste and compost in traditional and organic farming.</p> <p>Knowledge of other options for making the most of organic waste and compost such as greenhouses, nurseries and the recuperation or rehabilitation of degraded and/or contaminated soils.</p> <p>Knowledge of the characteristics, treatment methods and evaluation of the main types of organic waste generated in different sectors.</p> <p>Knowledge of different practical cases about organic waste management.</p> <p>Apply regulated analytical techniques to analyze composts, fertilizers and waste.</p> <p>Ability to design and optimize the compost process, taking into account the conditions of the base materials and the process itself.</p> <p>Evaluate the quality of compost.</p> <p>Determine compost and waste capacity to eliminate pathogens.</p>
Program profile	Research on Organic Waste Management.
<i>Career opportunities</i>	
Occupational profiles of graduates with examples	Research on Organic Waste Management.
<i>Specific career opportunities</i>	
Course grading criteria	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<i>Generic evaluation of the Master's and grading system</i>	
Graduation requirements	90 ECTS credits
<i>Number of ECTS credits from the curriculum</i>	
Mode of study	Full- or part-time enrolment. Mixed

Full- or part-time.	
Classroom, mixed, long-distance.	
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=108&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Equality and Gender in Public and Private Scopes	
Admission requirements <i>General conditions for access to this degree program</i>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
Access to further studies <i>What may be studied following this academic program</i>	<p>Doctorate</p>	
Qualifications requirements and regulations	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
Key learning outcomes <i>Skills obtained in this program</i>	<p>General skills:</p> <p>Knowledge of the main feminist theories. Knowledge of the role women have played throughout history. Study the ethical justification of feminism. Understand the gender perspective. Knowledge of the fundamental legal dispensations about equal opportunities between women and men. Understand the relations between, gender and education, training, science and culture. Study the relations between gender and education, training, science and culture. Knowledge of the social and productive roles of women. Study gender violence and its impact on personal and social health. Knowledge of the invisible obstacles related to the organization and use of time, space and language. Knowledge of the impacts and economic, social, cultural and scientific potentials from a gender perspective. Knowledge of the fundamental techniques, tools and methodologies to design policies and mediate equality strategies. Knowledge of documental techniques and tools. Knowledge of internal and external communication techniques.</p> <p>Specific skills:</p> <p>Compare the different feminist theories and highlight their distinctive elements. Describe the role of women throughout history</p>	

	<p>List the main phases of the feminist movement. Explain the main contributions from feminist studies and gender studies. Ethical foundations of feminism. Determine the values related to gender. Understand theoretical proposals from a gender perspective. Apply the gender perspective as an analysis methodology. List the main legal texts in favor of equal opportunities between men and women. Recognize the different modes of public and private policies for equality. Evaluate the level of participation by women in productive areas. Evaluate the degree of participation by women in decision making. Implement empowerment processes with women. Solve conflict through negotiation, consensus and mediation oriented techniques. Recognize sexist practices in education, in training, in science, in culture and in social and economic interventions and mediate corrective measures. Design coeducational and equality processes. Describe the role of women in culture. Evaluate the social and productive roles of women. Identify conciliation measures in personal, family and professional life. Anticipate, diagnose, intervene, treat and evaluate situations of gender violence and the results of the alternatives applied to solve them. Anticipate, diagnose, intervene, treat and evaluate situations of gender discrimination, and the results of the alternatives applied to eradicate them. Determine the impact of gender. Knowledge of the different documental sources in the area of gender and equality. Communicate and inform about processes. Make a nonsexist use of language, treatment of images and codes.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Research on Gender Studies.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Research on Gender Studies.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	<p>60 ECTS credits</p>

<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment. Long-distance</p>
<p>Course structure diagram with credits</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Programme director or equivalent</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Description of individual course units:</p>	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=116&caca=2012</p> <p>Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Telecommunications Engineering	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Ability to plan, calculate and design products, processes and installations in all areas of telecommunications engineering.</p> <p>Ability to direct the work and installations of telecommunication systems, complying with the regulations in force and assuring quality service.</p> <p>Ability to direct, plan and supervise, multidisciplinary teams.</p> <p>Ability for mathematical modeling, calculus and simulation in technological and business engineering centers, especially in research, development and innovation tasks in all Telecommunications engineering and multidisciplinary areas.</p> <p>Ability to write up, plan, direct, coordinate and technically and economically manage projects from all areas of Telecommunications, complying with quality and environmental criteria.</p> <p>Skills for general management, technical management and project management for research, development and innovation in companies and technological centers.</p> <p>Ability to set up, direct and manage manufacturing processes for electronic and telecommunications equipment, guaranteeing safety for people and property, final quality of the products and official approval.</p> <p>Ability to apply and integrate acquired knowledge and solve problems in new or unfamiliar environments within broader and multidisciplinary contexts.</p> <p>Ability to understand the ethical and deontological responsibilities of a Telecommunications engineer's professional activity.</p> <p>Spoken and written communication skills to clearly and unambiguously present conclusions, knowledge and the reasons which support them, before specialized and non-specialized audiences.</p> <p>Skills for self-directed and independent learning.</p>	

	<p>Knowledge and, understanding of the required legislation and ability to apply it as a Telecommunications Engineer.</p> <p>Specific skills:</p> <p>Ability to apply the theory of information, adaptive modulation and channel coding, as well as advanced techniques for digital signal processing of communication and audiovisual systems.</p> <p>Ability to develop radiocommunication systems: aerial, equipment subsystem design, channel modeling, link planning calculations.</p> <p>Ability to implement cable, line, satellite systems in land and mobile communication environments.</p> <p>Ability to design and develop transport networks, diffusion and distribution of multimedia signals.</p> <p>Ability to design radionavigation and positioning systems, as well as radar systems.</p> <p>Ability to model, design, implement, manage, operate, administrate and maintain network services and contents.</p> <p>Ability to carry out the planning, decision making and packaging of network services and applications, considering the quality of service, direct cost and operation costs, implementation plan, supervision, safety procedures, scaling and maintenance as well as managing and guaranteeing quality of the development process.</p> <p>Ability to understand and know how to apply the functions and organization of Internet, new generation Internet technologies and protocols, component models, intermediary software and services.</p> <p>Ability to solve convergence, interoperationality and design of heterogeneous local, access and core networks, and the integration of telephone, data, television and interactive services.</p> <p>Ability to design and manufacture integrated circuits.</p> <p>Knowledge of languages for hardware description for high complex circuits.</p> <p>Ability to use programmable logical devices, as well as design advanced analogous and digital electronic systems</p> <p>Ability to design communication components such as routers, commutators, transmitters and receivers in different bands.</p> <p>Ability to apply advanced photonics and optoelectronics, and also high frequency electronics.</p> <p>Ability to develop electronic instruments, transducers, actuators and sensors.</p> <p>Ability to integrate Telecommunications Engineering technologies and systems in a general way in broader and multidisciplinary contexts as for example in bioengineering, photovoltaic conversion, nanotechnology, telemedicine.</p> <p>Ability to design, direct, coordinate and technically and financially manage projects about systems, networks, infrastructures and telecommunication services, including: supervision and coordination of partial projects and their related work; common telecommunication infrastructure in buildings or residential areas, including projects for digital homes; telecommunication infrastructure in transport and</p>
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	<p>environment with their corresponding energy supply installations and evaluation of electromagnetic emissions and electromagnetic compatibility.</p> <p>Once students have obtained all the credits, they will independently design and present an original and integral Telecommunications Engineering project, which synthesizes the skills acquired from the course, before a university tribunal.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	Telecommunications Engineer.
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	Telecommunications Engineer.
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	90 ECTS credits.
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	Full- or part-time enrolment. Classroom
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=184&caca=2012</p> <p>Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Industrial Engineering	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Have adequate knowledge of the scientific and technological aspects of: mathematical, analytical and numerical methods in engineering, electrical engineering, energy engineering, chemical engineering, mechanical engineering, mechanics of continuous medias, industrial electronics, automatics, manufacturing, materials, urbanism, infrastructures, etc.</p> <p>Plan, calculate and design products, processes, installations and plants.</p> <p>Direct, plan and supervise multidisciplinary teams.</p> <p>Research, develop and innovate products, processes and methods.</p> <p>Strategy planning applied to construction systems such as production, quality and environmental management.</p> <p>Technically and financially manage projects, installations, plants, companies and technology centers.</p> <p>Ability to carry out general management, technical management and R+D+I project management in plants, companies and technological centers.</p> <p>Apply knowledge acquired to solve problems in new and unfamiliar environments within broader and multidisciplinary contexts.</p> <p>Integrate knowledge and form opinions based on limited information, including reflections on social responsibilities and ethics.</p> <p>Clearly and unambiguously present conclusions and the reasons that support them before specialized and non-specialized audiences.</p> <p>Independent and self-directed learning skills.</p> <p>Knowledge, understanding and ability to apply the necessary legislation to the professional activity of an Industrial Engineer.</p> <p>Specific skills:</p>	

	<p>Knowledge and ability to analyze and design generation, transport and distribution systems for electrical energy.</p> <p>Knowledge and ability to plan, calculate and design integrated manufacturing systems.</p> <p>Ability to design and test machines.</p> <p>Ability to analyze and design chemical processes.</p> <p>Knowledge and skills to design and analyze thermal machines and engines, hydraulic machines and hot and cold industrial installations.</p> <p>Knowledge and skills to understand, analyze, exploit and manage different energy sources.</p> <p>Ability to design electronic and industrial instrument systems.</p> <p>Ability to design and plan automatic production systems and advanced control processes.</p> <p>Knowledge and skills to organize and direct a company.</p> <p>Strategy and planning knowledge and skills applied to different organizational structures.</p> <p>Knowledge of commercial and labor law.</p> <p>Knowledge of financial and costs accounting.</p> <p>Knowledge of information systems for the management, industrial organization, production and logistics systems and quality management systems.</p> <p>Skills for organization of work and human resource management.</p> <p>Knowledge about labor risk prevention.</p> <p>Knowledge and skills for integrated management of projects.</p> <p>Ability to manage research, development and technological innovation.</p> <p>Ability to design, construct and exploit industrial plants.</p> <p>Knowledge about construction, building, installations, infrastructures and urbanism in the area of industrial engineering.</p> <p>Knowledge and skills to calculate and design structures.</p> <p>Knowledge and skills to plan and design electrical and fluid installations, illumination, air-conditioning and ventilation, energy saving and efficiency, acoustics, communications, automated home and intelligent buildings, and safety installations.</p> <p>Knowledge about methods and techniques for industrial transport and maintenance.</p> <p>Knowledge and skills to verify and control installations, processes and products.</p> <p>Knowledge and skills to certify, audit, verify, test and write reports.</p> <p>Once students have obtained all the credits, they will independently design and present an original and integral Industrial Engineering project, which synthesizes the skills acquired from the course before a university tribunal,</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Industrial Engineer.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career</i></p>	<p>Industrial Engineer.</p>

<i>opportunities</i>	
Course grading criteria <i>Generic evaluation of the Master's and grading system</i>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
Graduation requirements <i>Number of ECTS credits from the curriculum</i>	90 ECTS credits
Mode of study <i>Full- or part-time.</i> <i>Classroom, mixed, long-distance.</i>	Full- or part-time enrolment. Classroom
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=185&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Innovation in Journalism.	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Understand the communication and journalism sector, ability to use the tools for studying and applying knowledge to develop own thoughts appropriate to the sector.</p> <p>Ability to understand the function and needs of the digital communication sector and to propose alternatives and models and their dynamics.</p> <p>Knowledge of and ability to deal with the sources to study the digital communication sector and solve specific problems based on these sources.</p> <p>Understand the relations between content, producer and service in the digital communication sector and know how to decipher them according to the audience, technology and market.</p> <p>Make a work plan suitable for the digital communication sector, integrate knowledge to design and set up a project and be confident enough to be innovative, adapting to the times and needs of the market.</p> <p>Understand the keys to making a project in digital communication economically viable and be up to date with the technological possibilities of the sector.</p> <p>Know how to work in a team, be assertive, disciplined, proactive and integrate well.</p> <p>Specific skills:</p> <p>Ability to understand the evolution of the concept of audience.</p> <p>Ability to analyze data about audience behavior.</p> <p>Ability to understand the keys to journalism as a transforming industry.</p> <p>Ability to analyze the qualitative factors of journalism within the supply of products and services in communication.</p>	

	<p>Ability to identify the informative needs of audiences in a context of hyperlocalism and globalization.</p> <p>Ability to understand the economics of communication and analyze how it influences journalistic production.</p> <p>Ability to discover new ways to finance journalism of public interest.</p> <p>Ability to understand the technological conditions that distinguish the supports in the digital communication sector and to evaluate the different alternatives of each support.</p> <p>Ability to become familiar with and make the most of new technologies for journalistic production.</p> <p>Ability to identify and analyze new ways of producing journalism based on audience, technology and digital economics.</p> <p>Ability to plan a journalistic product suitable for the new digital context with a sustainable economic model.</p> <p>Ability to identify the keys to the development and launching of a journalistic product in the sector of digital communication.</p> <p>Ability to understand the economic transformation of the media and the technical and human conditions of a journalist in a digital context.</p> <p>Ability to design a journalistic product supported by a sustainable economic model.</p> <p>Ability to analyze production of journalistic content using new visual narratives.</p> <p>Ability to use new tools for digital journalistic production.</p> <p>Ability to understand the ecosystem of digital communication, especially the dynamics of social networks and multiple services associated to them.</p> <p>Ability to understand new ways of communication and intercommunication generated by social networks and digital media.</p> <p>Ability to understand the role of journalism and its professionals in the area of social networks.</p> <p>Ability to understand and analyze new journalistic narratives to visualize data and tell stories using new technologies.</p> <p>Ability to understand and manage programs for journalistic digital publishing on a user level.</p> <p>Ability to understand programming languages of the main digital communication programs, especially the functions of mobiles.</p> <p>Ability to understand programming languages for journalistic digital media.</p> <p>Ability to understand what new factors are involved in technological production of digital journalism.</p> <p>Ability to apply knowledge and skills acquired in a real professional environment.</p> <p>Ability to satisfy the business needs of a strategic partner and foster a culture of innovation, by either developing a project or forming part of a team in a company with other activities.</p> <p>Ability to synthesize and demonstrate acquired learning after the project, practicals and theories.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Research in Journalism.</p>

<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Research in Journalism.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	<p>60 ECTS credits</p>
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment. Mixed</p>
<p>Course structure diagram with credits</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Programme director or equivalent</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Description of individual course units:</p>	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=182&caca=2012 Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in HVAC and electrical facilities in buildings. Energy Efficiency.	
Admission requirements <i>General conditions for access to this degree program</i>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses.</p> <p>Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
Access to further studies <i>What may be studied following this academic program</i>	<p>Doctorate</p>	
Qualifications requirements and regulations	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
Key learning outcomes <i>Skills obtained in this program</i>	<p>General skills:</p> <p>Design an installation project for energy efficiency using the technological means available.</p> <p>Knowledge of advanced concepts to be applied in installation projects for buildings.</p> <p>Design installations in buildings, using good engineering practices.</p> <p>Develop installations in buildings using computer methods and tools based on theory and contrasted with a practical perspective.</p> <p>Comply with regulations for different installations in buildings.</p> <p>Specific skills:</p> <p>Design and analyze how heat transfer equipment in buildings function.</p> <p>Knowledge of legislation in force related to the limit on energy demand NBE-CT-79 and contents of the proposal for the Royal Decree of the Building Technical Code.</p> <p>Make energy balances in air-conditioning installations which permit developing and selecting from commercial catalogues the appropriate cooling equipment by vapor compression or absorption.</p> <p>Know the basic physics of cooling thermodynamics and the transformations involved (thermodynamic cycles) and obtain a scientific-technological vision of present cooling production methods and their environmental problems</p> <p>Design a project for storage installations and GLP receptors, channeled gas receptor installations for commercial use and installations for petrol products for own use in compliance with the regulations in force.</p> <p>Design and develop a low tension electrical installation in accordance</p>	

	<p>with the regulations for B.T. electrical installations.</p> <p>Select and identify the elements and components necessary to make an interior electrical installation complying with design and safety criteria.</p> <p>Calculate installations for thermal solar energy for producing healthy warm water (ACS) and heating.</p> <p>Have a creative and rigorous approach in designing a project.</p> <p>Plan and coordinate the execution of materials for different projects involved in a building.</p> <p>Make the most of climatic conditions to optimize energy in buildings.</p> <p>Written or spoken exchange of information with all the actors involved at the different stages of a project (developer, contractor, site manager, public administration, etc.) in writing or orally.</p> <p>Make Energy Audit reports in buildings, proposing technically correct measures to save energy and classifying them according to profitability.</p> <p>Identify the ideal air-conditioning system for each type of building project, for air-conditioning and heating, with attention to needs and available resources.</p> <p>Direct the execution and set up of air-conditioning installations.</p> <p>Design and design isolated photovoltaic solar installations for supply and consumption of generated electrical energy.</p> <p>Select commercial equipment and components necessary for a solar photovoltaic installation with maximum efficiency in accordance with dimension and usefulness criteria.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	Project for energy efficiency designer.
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	Project for energy efficiency designer.
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	60 ECTS credits
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	Full- or part-time enrolment. Classroom
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-

	Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=157&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Regional Integration. Interuniversity	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Students should be able to apply knowledge to solve practical problems in a multidisciplinary environment.</p> <p>Students should be able to relate knowledge, reflect, make solid and socially responsible opinions and adopt decisions about any matter related to regional integration.</p> <p>Students should develop skills to be able to clearly express themselves about the subject before university students, public institutions, SICA (Central American Integration) and society in general. The main aim is to create and promote a culture of integration in a social regional environment, always in accordance with the values of a democratic culture.</p> <p>Students should develop independent learning skills, which will enable them to successfully deal with eventual sociopolitical changes legislative reforms and technological advances in the future.</p> <p>Students should be able to make innovative and responsible proposals which broaden and deepen the central American integration process.</p> <p>Specific skills:</p> <p>Become familiar with different regional integration systems and be able to explain their origin and nature, their similarities and differences, making use of specific techniques and methods to do so.</p> <p>Students should be able to analyze and criticize on solid grounds the functions of EU and SICA (Central American Integration), placing both processes in their socio historical context.</p> <p>Students should be able to understand and evaluate how an integration</p>	

	<p>process can contribute to the development and consolidation of democracy and human rights, socioeconomic well-being, peace and regional safety.</p> <p>Students should be able to discern and debate about the positive and negative economic effects of regional integration processes especially in developing countries.</p> <p>Students should be able to research and criticize on solid grounds the principal orientation of common liberties and policies of regional integration processes.</p> <p>Students should be able to apply interdisciplinary analysis techniques for full understanding of institutions, policies and complex decisions at the heart of regional integration processes.</p> <p>Students should be able to choose the most advantageous strategies in promoting and protecting people's rights so as to assume the responsibility of applying them before regional institutions/courts.</p> <p>Students should be able to work independently and use I.T tools and Internet. They should also be able to express themselves in writing and orally for solving cases and for preparing short doctrines about the Law and Economics of integration.</p> <p>Students should be able to propose and rigorously defend creative strategies and formulas to adapt the European experience to the circumstances of other integration processes, offering plausible solutions to demands from other socio-historical contexts.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	Research on International Law.
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	Research on International Law.
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	60 ECTS credits
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	Full- or part-time enrolment. Mixed
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm



Miguel Hernández

Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	https://portal.uah.es/portal/page/portal/posgrado

Degree	Master's in Criminology and Victimology Intervention	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <ul style="list-style-type: none"> Ability to analyze and synthesize. Command of basic knowledge of the profession. Information management skills Problem solving Written and spoken communication skills. Ability to criticize and self-criticize. Ability to work in multidisciplinary teams. Interpersonal skills Ability to communicate with experts from other areas. Ethical commitment Ability to put knowledge into practice. Research skills Learning skills Ability to adapt to new situations and generate new ideas. Ability to work independently. <p>Specific skills:</p> <ul style="list-style-type: none"> Ability to apply theories and concepts from criminology to the explanation and prediction of crime and victimization. Ability to identify the risk of crime and the prevention needs in different areas of intervention. Ability to identify criminology problems, ask questions about them and plan a scientific study. Ability to select and apply results from investigations and analyses of the advanced study of criminology and victimology problems, to specific intervention situations and areas. Ability to apply mediating and solution techniques to conflicts in 	

	<p>different criminology and victimology intervention areas which could arise in professional activity.</p> <p>Ability to design and implement victim prevention programs.</p> <p>Ability to identify victim risk factors.</p> <p>Ability to implement protection measures for victims of crime.</p> <p>Ability to identify relevant criminology and victimology factors in the area of intrafamily delinquency.</p> <p>Ability to carry out an intervention in the area of intrafamily delinquency.</p> <p>Ability to identify relevant criminology and victimology factors in the area of violent crime.</p> <p>Ability to carry out interventions in different areas where violent crimes occur.</p> <p>Ability to identify relevant criminology and victimology factors in the area of crime against property.</p> <p>Ability to carry out specialized clinical intervention in different areas of crimes against property.</p> <p>Ability to make a criminology and victimology intervention with delinquents and minors as victims.</p> <p>Advanced and in-depth skills in writing up and interpreting specialized criminology reports in the clinical application of specific situations and subjects.</p> <p>Skills to apply deviant behavior models and theories to professional clinical practice of professional intervention.</p> <p>Ability to make an in depth analysis of the legal aspects of a crime and with advanced application to forensic practice in specific intervention cases.</p> <p>Ability to identify victim risk and protection factors.</p> <p>Ability to design and implement treatments for specific delinquents.</p> <p>Ability to evaluate the effectiveness, and efficiency of programs and treatments for delinquents.</p> <p>Ability to evaluate the effectiveness and efficiency of victim prevention programs.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Criminal Lawyer.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Criminal Lawyer.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p>	<p>60 ECTS credits</p>

Number of ECTS credits from the curriculum	
Mode of study <i>Full- or part-time.</i> <i>Classroom, mixed, long-distance.</i>	Full- or part-time enrolment. Mixed
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=183&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Neuroscience: Clinical Research	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Recognize and understand the normal structure of the nervous system on a molecular, cell, organic tissue and systems level.</p> <p>Understand the molecular and cell systems which underlie the normal functions of the nervous system.</p> <p>Knowledge of the molecular and cell mechanisms involved in the normal and pathological development of the nervous system.</p> <p>Knowledge of the bases of normal human behavior, the alterations and changes that take place during aging.</p> <p>Understand the foundations and the effectiveness of therapeutic interventions based on the scientific evidence available.</p> <p>Recognize the structure and function of the nervous system using macroscopic, microscopic, molecular and electrophysiological methods.</p> <p>Know how to use sources of up to date bibliographical information critically and present the most significant results of published papers.</p> <p>Recognize the need for translational research with respect to neurological and psychiatric diseases.</p> <p>Ability to adapt to scientific advances and continuous improvement in the area of neuroscience.</p> <p>Specific skills:</p> <p>Identify the morphology and structure of different parts of the nervous system, seeking the correlation in basic subdivisions between the human and mouse brain, generally used as an experimental model.</p> <p>Know and understand how our knowledge of the nervous system has been generated and identify the most important challenges in</p>	

	<p>neuroscience today.</p> <p>Define the cell components of the nervous system of the vertebrae; know their functional properties and their contribution to the function of circuits.</p> <p>Describe the normal and pathological development of the nervous system and know the genetic determinants.</p> <p>Use IT tools for genetic analysis and high performance genetic analysis logic.</p> <p>Analyze the properties of animal models used in the study of the development and function of the nervous system.</p> <p>Understand the functional bases of neuronal excitability.</p> <p>Describe the cell and molecular bases for communication and neuronal signaling.</p> <p>Understand the concepts referring to biophysical, cell and regulation mechanisms of synaptic communication.</p> <p>Identify the mechanisms involved in short term and long term synaptic plasticity.</p> <p>Understand the visual processing bases on a molecular, cell and system level.</p> <p>Knowledge of the mechanical, chemical and thermal sensorial processing bases on a molecular, cell and system level.</p> <p>Knowledge of the bases of nociceptive sensorial processing on a molecular, cell and system level and the mechanisms involved in analgesia.</p> <p>Knowledge of the molecular and cell bases of neurodegenerative and psychiatric alterations.</p> <p>Synthesize the principles for the development of cell and pharmacological therapies in the treatments of neurodegenerative and psychiatric diseases.</p> <p>Understand the neurological changes associated to addiction processes.</p> <p>Identify the main deformations of the nervous system from a genetic and development perspective.</p> <p>Knowledge of the main diagnostic tests used in clinical neurophysiology.</p> <p>Evaluate radiosurgery and stereotaxic surgery methods in the treatment of neurological diseases.</p> <p>Knowledge of the regulating mechanisms of neurogenesis, axonal guidance, neuronal migration and differentiation.</p> <p>Describe the molecular and cell bases of synaptic establishment, consolidation and plasticity.</p> <p>Knowledge of the mechanisms involved in the regionalization and development of the cerebral cortex.</p> <p>Describe the forms of processing in series and in parallel in the cerebral cortex.</p> <p>Identify the properties of sensorial processing in the cortex receptive fields.</p> <p>Evaluate how the anatomical and functional connectivity of the nervous system is analyzed and reorganized in normal and pathological conditions.</p> <p>Deal with the basic aspects of cell culture technology and sequencing in neurosciences.</p>
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	<p>Knowledge of the basic aspects of using microscopic and macroscopic imaging techniques in neurosciences.</p> <p>Knowledge of the basic aspects of using common facilities in research centers and the regulations on animal use in laboratories.</p> <p>Design, develop and present an original research project in neurosciences.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Research on Neurosciences.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Research on Neurosciences.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	<p>60 ECTS credits</p>
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment.</p> <p>Classroom</p>
<p>Course structure diagram with credits</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Programme director or equivalent</p>	<p>http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm</p>
<p>Description of individual course units:</p>	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=176&caca=2012</p> <p>Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Occupational Risks Prevention	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Students should be able to apply knowledge and problem solving skills in new or unfamiliar environments within broad contexts related to Labor Risk Prevention</p> <p>Integrate knowledge and form opinions based on limited information which includes reflections on social responsibilities and ethics.</p> <p>Students should know how to communicate their conclusions clearly and unambiguously.</p> <p>Students should have independent and self-directed learning skills. Apply knowledge through the extrapolation of determinants in multidisciplinary contexts so as to design and develop problem solving strategies for specific prevention problems in the work environment, with special attention to gender and groups with particular characteristics, such as the disabled.</p> <p>Ability to apply general quality control concepts contextually to a changing social and scientific reality and the legislation in force, and on the basis of this, design creative and functional processes and focuses to be applied in numerous contexts.</p> <p>Understand and extend Legal, Health and Hygiene knowledge related to industrial Safety and Hygiene, which is the basis of identification, improvement and prevention procedures in work conditions and which determines the development of labor pathologies.</p> <p>Extend and acquire an in-depth knowledge of techniques related to Ergonomics and Psychosociology from a prevention perspective, form an active identification perspective of factors related to creative development.</p> <p>Specific skills:</p>	

	<p>In-depth knowledge of the legal area of prevention dealing with the specifications of different socioeconomic environments. Apply different identification and evaluation techniques to working conditions. Identify the dangers related to safety conditions at work and be able to design and apply specific control procedures. Apply knowledge about Ergonomics and Psychosociology to different socioproductive contexts. In-depth knowledge of the techniques for Industrial Hygiene related to analysis, identification and specific risk controls: physical, chemical and biological. Apply knowledge related to health vigilance and promotion in a company and be able to design programs that develop them. Apply general and specific aspects of prevention management and the transmission of information related to its application and adapted to a specific context. Manage and apply communication, information and negotiation techniques adapted to the context of occupational prevention. Integrate knowledge derived from similar techniques and related to the prevention of occupational risks such as product safety, environmental management, industrial safety, road safety etc. Ability to integrate them in occupational prevention design and processes. Develop skills required for Risk Prevention in different professional environments. Apply knowledge associated to the diagnosis and identification of occupational pathology in order to evaluate occupational disability. Develop Environmental Management strategies. Ability to transmit information related to the responsibilities and sanctions derived from work conditions associated to risk prevention. Know how to update knowledge acquired through different means, especially research applied to the work environment and be able to develop critical skills in relation to knowledge acquisition and application.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Risk prevention technical Manager.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Risk prevention technical Manager.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits</i></p>	<p>60 ECTS credits</p>

<i>from the curriculum</i>	
Mode of study <i>Full- or part-time.</i> <i>Classroom, mixed, long-distance.</i>	Full- or part-time enrolment. Long-distance
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=151&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Health Psychology
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Develop analysis and synthesis skills for psychological evaluation and diagnosis.</p> <p>Develop organization and planning skills.</p> <p>Develop spoken and written communication in native language and English for presenting projects and intervention proposals.</p> <p>Promote teamwork between professionals from the area of Health Science.</p> <p>Promote interdisciplinary teamwork.</p> <p>Develop research and intervention in an international context.</p> <p>Use specialized skills for interpersonal relations with patients and other professionals.</p> <p>Know how to recognize the diverse and multicultural manifestations of illness.</p> <p>Develop critical reasoning as a professional health psychologist.</p> <p>Assume an ethical commitment to research and the profession, following the deontological guidelines from the Official College of Psychologists.</p> <p>Capacity for independent learning in studies, research and clinical practice.</p> <p>Adaptation to new situations occurring in the area of Clinical and health Psychology.</p> <p>Develop professional and investigative creativity in Health Psychology.</p> <p>Promote leadership in team management.</p> <p>Encourage learning about other cultures and customs as another perspective of Health Psychology.</p> <p>Develop an enterprising initiative in professional and investigative psychology.</p> <p>Assume motivation for quality, with special emphasis on quality patient healthcare.</p> <p>Acquire knowledge about I.T applied to Health Psychology.</p>

	<p>Perfect the management of clinical and database information in Health Psychology.</p> <p>Develop problem solving skills in psychological diagnosis and in research design.</p> <p>Develop decision making skills in the area of Health Psychology.</p> <p>Specific skills:</p> <p>Be familiar with different evaluation and intervention models in the area of Health Psychology.</p> <p>Have an in-depth knowledge of the nature and theoretical framework of different psychopathological, health and neuropsychological disorders.</p> <p>Know how to evaluate and integrate different psychological aspects in the development of psychological disorders and health problems.</p> <p>Ability to apply the main theories about the components of psychological and health disorders.</p> <p>Ability to acquire an adequate understanding of the target's demands in each situation or context of application.</p> <p>Show a reasonable critical awareness and intellectual curiosity about the factors that influence or cause psychological and health disorders.</p> <p>Be aware of and adapt to the deontological obligations of Health Psychology.</p> <p>Ability to recognize and accept the ambiguity and complexity of psychological problems, as well as the tentative nature of their explanations and the social context they occur in.</p> <p>Recognize and respect human diversity and understand that psychological explanations can vary in populations and contexts.</p> <p>Show an ethical and professional commitment to civic, social and global responsibilities.</p> <p>Show an interest in continuous learning, updating knowledge and doing professional and research training.</p> <p>Know the bases for selecting suitable evaluation, methods and techniques for each situation or context.</p> <p>Know how to specify the demands and objectives of a case, and gather information according to them.</p> <p>Ability to apply the main theories about the etiology of psychological disorders in forming a concept about a specific clinical case.</p> <p>Knowledge of the bases for forming a hypothesis about a specific case and be able to work out contrasting statements.</p> <p>Ability to organize and program an evaluation session.</p> <p>Ability to analyze and interpret results for a psychological evaluation.</p> <p>Ability to correctly apply diagnostic criteria to different psychological disorders.</p> <p>Know how to apply evaluation models in psychology and select data collection instruments appropriate to each case.</p> <p>Know how to choose from different psychological evaluation tests.</p> <p>Know how to design and adapt methods and instruments according to the needs of each person and evaluation context.</p> <p>Ability to describe and measure: variables and cognitive, emotional, psychobiological and behavioral processes in an evaluation.</p>
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	<p>Ability to plan and carry out a clinical interview.</p> <p>Know how to establish a treatment plan based on the predictions about a case and on psychological knowledge.</p> <p>Know how to monitor a clinical case, by choosing pertinent and realistic objectives.</p> <p>Ability to obtain data relevant to the evaluation of interventions and know how to analyze and interpret it.</p> <p>Know how to identify the personal and psychosocial factors which can put a person's health at risk.</p> <p>Know how to plan the evaluation of Health Psychology programs and interventions.</p> <p>Ability to select and construct measurement indicators and techniques for evaluating Health Psychology programs and interventions.</p> <p>Know and identify the structure and functions of the human body.</p> <p>Knowledge of the most important alterations in a human being's state of health.</p> <p>Ability to use IT tools in professional and research activities.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	Health Psychologist.
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	Health Psychologist.
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	60 ECTS credits
<p>Mode of study</p> <p><i>Full- or part-time. Classroom, mixed, long-distance.</i></p>	Full- or part-time enrolment. Classroom/Mixed
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	<p>http://www.umh.es/pop/resumenCursoPOP.asp?tit=115&caca=2012</p> <p>Note: for description of individual course units:</p> <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Sport Performance and Health	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Students should be able to integrate knowledge and form opinions based on limited information which includes reflections on social responsibilities and ethics.</p> <p>Students should be able to present conclusions and the reasons that support them before specialized and non-specialized audiences clearly and unambiguously.</p> <p>Students should know how to apply acquired knowledge and problem solving skills to new and unfamiliar areas within broader (or multidisciplinary) contexts related to sports performance and health.</p> <p>Students should independent and self-directed learning skills.</p> <p>Students should know and understand the biomechanical and physiological factors that condition doing sports activities, reconciling performance and health.</p> <p>Students should develop sports nutrition guidelines which favor health when doing sports activities.</p> <p>Students should identify the health risks for sports people who follow unsuitable training and competition activities.</p> <p>Students should select and know how to use materials, technology and sports equipment suitable for each type of training.</p> <p>Students should evaluate the physical state of a sports person and prescribe physical activities adapted to performance levels and health.</p> <p>Students should apply research methodology in the area of sports performance and health.</p> <p>Specific skills:</p> <p>Know and understand the effects of training based on the structure and function of elite sports people.</p> <p>Knowledge of the specific and practical foundations of metabolism in</p>	

	<p>high-level training and competition. Plan, develop and control the training and competition processes in high performance sport. Apply physiological, biomechanical and behavioral principles to the management of high performance sports training and competition. Know and understand the behavioral and social factors that condition high level training and competition, and the effects on the psychological and social aspects of elite sports people. Know and understand the foundations, structures and functions of high level sports skills and patterns. Understand the individual technical and tactical foundations of high performance sports. Understand the tactical foundations of high level team sports and individual sports. Design, develop and evaluate physical activity programs with attention to individual and contextual characteristics based on new trends and materials. Promote and evaluate long-lasting and independent physical activity habits in different populations. Identify the main risk factors in doing unsuitable physical/sports activities and design alternative activities based on the latest scientific studies. Develop strategies for preventing pathologies and injuries, as well as progressive reintegration in daily sports activities. Design, develop and evaluate advanced aquatic activities for health.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Research on Sport Sciences.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Research on Sport Sciences.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	<p>60 ECTS credits</p>
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment. Classroom</p>

Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=154&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Public Health. Joint course by UMH and la UA	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Ability to apply acquired knowledge to solving health problems and needs of the population.</p> <p>Ability to make a documental search and synthesize information. Write up the reports required in accordance with Public Health functions. Develop and maintain independent learning skills and continuous training.</p> <p>Ability to work in a team and with the population to solve community health problems.</p> <p>Hypothesize, design and develop a Public Health research project.</p> <p>Written and spoken communication skills to present conclusions before a specialized and non-specialized audience.</p> <p>Specific skills:</p> <p>Define Public health concepts, understanding the investigative aspects, professional activity and social infrastructure, as well as its ethical consequences and evolution.</p> <p>Identify the social and economic benefits of Public Health actions.</p> <p>Apply the bases of statistical, epidemiological and qualitative methods to health needs and problems.</p> <p>Use information systems to control and monitor the state of health and its determinants.</p> <p>Identify the characteristics and organization of the autonomous, state and international public health system and health systems.</p> <p>Describe the basis of the main strategies for disease prevention, protection and healthcare available today.</p> <p>Plan a study applying Public Health Research methods.</p> <p>Evaluate, manage and communicate Public health risks.</p> <p>Contribute to the management and evaluation of health services.</p>	

	<p>Promote social participation and strengthen the degree of control people have over their health and their commitment to the health of the community.</p> <p>Promote the defense of health through the use of information technologies.</p> <p>Identify political and social factors of health and apply the principle of equity in health in all policies.</p> <p>Analyze the principle of equity in relation to social class, gender, ethnic group and disabilities and promote public health in accordance with human rights.</p> <p>Analyze data from public health population studies.</p> <p>Revise and interpret scientific tests about public health actions.</p> <p>Construct and interpret different demographic indicators from available data sources and the role of demographic factors in health dynamics.</p> <p>Identify social, political and economic inequalities of the population's health.</p> <p>Describe the main international health problems and the factors that condition them and the global principles governing public health.</p> <p>Use basic legislation in the context of its relation to public health.</p> <p>Describe and analyze how risk factors relate to health problems and how to prevent them.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	Research on Public Health.
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	Research on Public Health.
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading system</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
<p>Graduation requirements</p> <p><i>Number of ECTS credits from the curriculum</i></p>	60 ECTS credits
<p>Mode of study</p> <p><i>Full- or part-time.</i></p> <p><i>Classroom, mixed, long-distance.</i></p>	<p>Full- or part-time enrolment.</p> <p>Classroom</p>
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or	http://en.umh.es/Universidad-Miguel-Hernandez-De-

equivalent	Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=121&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Advanced Research and Production Techniques in Fruticulture	
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>	
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>	
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>	
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Analysis and synthesis skills. Planning and organizational skills. Information management skills. Problem solving. Decision making Critical and self-critical skills. Team work. Ability to work in an interdisciplinary and multicultural team. Ability to communicate with experts from other areas. Ability to put knowledge into practice. Ability to generate new ideas. Ability to design experiments based on new data. Ability to carry out organized and rigorous work. Incorporate and assimilate scientific advances within the professional field quickly, acquiring a solid basis to perform R+D+I tasks in Fruticulture. Ability to work independently.</p> <p>Specific skills:</p> <p>Apply experimental design to different areas of fruticulture. Knowledge of different financial sources for funding research. Know and identify the different phases of a research project (antecedents, viability, development), and manage documents and information within fruticulture research. Plan scientific research, development and innovation projects about the different areas of fruticulture. Knowledge of and ability to carry out pomological, phenological, biochemical and genetic characterization of fruit species.</p>	

	<p>Design, execute and discuss scientific experiments. Knowledge of the structure of a scientific document and how to write up the results of a scientific experiment. Analyze data obtained from different experiment designs. Interpret results obtained from a statistical analysis. Determine the changes in the parameters involved in fruit ripening processes and their quality factors. Apply the latest scientific knowledge about post-collection technologies, considering the quality and safety of fruit. Knowledge of the most advance propagation techniques of different fruit species. Knowledge of the regulations, functions and management of a seed bank. Apply methodological tools to consider different attributes of fruit plantations in decision making. Determine the financial viability of new fruit plantations and make a reasoned choice about the most suitable alternative. Knowledge of methods and technologies to determine the water needs of crops. Create irrigation programs based on climatic variables, measure of the energy, state of water in soil or the water status of the plant, either individually or combined Establish deficit irrigation strategies with initiative, methodology and critical reasoning. Knowledge and analysis of the influence of abiotic stress in fruit trees and evaluation methods. Choose and apply suitable techniques for virus and phytoplasma diagnosis in a phytopathology laboratory. Establish relations between causal agents and damage to crops. Knowledge and understanding of epidemiology bases and the diagnosis of diseases produced by fungus and bacteria n fruit crops. Design programs to control fungal and bacterial disease Knowledge of the factors involved in the use of phyto regulators. Know and identify research lines about pattern and variety improvement of different fruit species and the latest results. Knowledge and understanding of the principles of integrated pest control in fruit crops. Design programs for integrated pest control in fruit crops. Knowledge and design of quality systems for agricultural exploitation.</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Research on Fruticulture.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Research on Fruticulture.</p>
<p>Course grading criteria</p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass

Generic evaluation of the Master's and grading system	<ul style="list-style-type: none"> • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding • With highest honors
Graduation requirements <i>Number of ECTS credits from the curriculum</i>	60 ECTS credits
Mode of study <i>Full- or part-time.</i> <i>Classroom, mixed, long-distance.</i>	Full- or part-time enrolment. Mixed
Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Programme director or equivalent	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=189&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)

Degree	Master's in Psychological Therapy with Children and Adolescents
<p>Admission requirements</p> <p><i>General conditions for access to this degree program</i></p>	<p>Official Spanish University qualification or the equivalent issued by a higher education center from within the European Space for Higher Education.</p> <p>Qualifications from outside the European Space for Higher Education verified by the University as equivalent to official Spanish University qualifications and acknowledged in the issuing country for admission to postgraduate courses. Admission</p> <p>This means of admission in no way represents official recognition of the qualification other than for the purpose of being admitted to do a Master's at this university.</p>
<p>Access to further studies</p> <p><i>What may be studied following this academic program</i></p>	<p>Doctorate</p>
<p>Qualifications requirements and regulations</p>	<p>Admission criteria may be established by the Master Program Admission Committee</p>
<p>Key learning outcomes</p> <p><i>Skills obtained in this program</i></p>	<p>General skills:</p> <p>Ability to recognize and accept the ambiguity and complexity of psychological problems, as well as the tentative nature of their explanations and the social context they occur in.</p> <p>Recognize and respect human diversity and understand that psychological explanations can vary in populations and contexts.</p> <p>Know how to evaluate and integrate the implication of different psychological aspects in the development of psychological disorders.</p> <p>Show a reasonable critical awareness and intellectual curiosity about the factors that influence or cause psychological disorders.</p> <p>Ability to reach an adequate level of understanding of the target's demands in each situation or context of application.</p> <p>Assess information critically and apply the scientific method for the improvement of professional practice.</p> <p>Hypothesize, assess information and promote viable solutions to cases and professional situations.</p> <p>Ability to analyze, assess and evaluate individual and collective situations, to identify problems, interpret data and formulate solutions for collective or individual problems.</p> <p>Know and comply with existing legislation to exercise the profession.</p> <p>Apply the professional deontological ethical code, considering users' rights.</p> <p>Establish good interpersonal communication to address the community you work with and the individuals you relate to effectively and with empathy.</p> <p>Ability to work in multidisciplinary and multicultural teams and to lead multidisciplinary teams.</p>

	<p>Ability to update, consolidate and integrate new knowledge to improve the profession using continuous self-learning techniques and critical analysis.</p> <p>Specific skills:</p> <p>Know how to identify the personal and psychosocial factors which can put children's and teenagers' health at risk.</p> <p>Know how to specify the demands and objectives of a case, and gather information according to them.</p> <p>Ability to organize and program an evaluation session in the infant-juvenile population.</p> <p>Ability to correctly apply the diagnostic criteria for different infant and juvenile disorders.</p> <p>Know how to establish a treatment based on the predictions made about the child or adolescent and psychological knowledge.</p> <p>Know how to monitor an infant and/or adolescent clinical case by choosing pertinent and realistic objectives.</p> <p>Know how to choose and select infant/adolescent psychological intervention techniques which are most suitable to each case.</p> <p>Know how to apply the most effective and empirically contrasted intervention techniques to the infant and adolescent population.</p> <p>Know how to use direct intervention strategies and methods with children and adolescents: construction of health scenarios, problem prevention and quality of life.</p> <p>Know how to apply indirect intervention strategies and methods through other people (parents, teachers, etc.): advice, training of trainers and other agents.</p> <p>Capacity to use strategies and techniques to involve children and/or adolescents in the intervention.</p> <p>Know how to provide children/adolescents and their families with adequate and accurate feedback.</p> <p>Develop the necessary empathy skills to understand children and adolescents in the context of their problems</p> <p>Know how to write different reports (information, evaluation, diagnosis, treatment, monitoring, advice, research, etc.) and to address different audiences (users, administration, other psychologists, other professionals, etc.)</p>
<p>Program profile</p> <p><i>Career opportunities</i></p>	<p>Children Psychologist.</p>
<p>Occupational profiles of graduates with examples</p> <p><i>Specific career opportunities</i></p>	<p>Children Psychologist.</p>
<p>Course grading criteria</p> <p><i>Generic evaluation of the Master's and grading</i></p>	<ul style="list-style-type: none"> • 0 - 4,9: Fail • 5,0 - 6,9: Pass • 7.0 - 8.9: Remarkable • 9.0 - 10: Outstanding

system	<ul style="list-style-type: none"> • <i>With highest honors</i>
Graduation requirements <i>Number of ECTS credits from the curriculum</i>	60 ECTS credits
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Course structure diagram with credits	http://en.umh.es/Universidad-Miguel-Hernandez-De-Elche_Apartados_Education_Masters.htm
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Description of individual course units:	http://www.umh.es/pop/resumenCursoPOP.asp?tit=152&caca=2012 Note: for description of individual course units: <ol style="list-style-type: none"> 1. Click on each listed subject. 2. Click on Language: English version (Eng)