

## Erasmus Mundus Action 1 Compendium 2009 Addendum

### Erasmus Mundus Masters Courses not offering scholarships in 2010-2011

The Masters Courses listed in this section were successfully implemented over the last five years with funding from the Erasmus Mundus Programme.

However, as a result of the highly competitive nature of the selection and the limited budget available, these courses were not re-selected under the 2009 Call for proposals. As a consequence no **Erasmus Mundus scholarships** will be available for the 2010 intake of these Masters courses.

Each of these courses has demonstrated high quality throughout, and has therefore been awarded by the European Commission/EACEA an Erasmus Mundus Brand Name (EMBN) by which it commits itself to maintain the requirements and level of excellence expected from an Erasmus Mundus Masters Course.

Candidate students interested in participating in one of these Erasmus Mundus Masters Courses for the 2010-2011 academic year should visit its website for further information on the participation requirements and, if applicable, the availability of alternative scholarships.

---

AMASE - Joint European Master Programme in Advanced Materials Science and Engineering

---

CROSSWAYS - Crossways in European Humanities

---

EJMWCM - European Joint Master in Water and Coastal Management

---

EMMA - Erasmus Mundus MA - Journalism and Media within Globalisation: The European Perspective

---

EMMS - Joint European Master's Programme in Materials Science

---

EMPCL - European Masters Program in Computational Logic

---

EuMAS - European Masters Course in Aeronautics and Space Technology

---

EuMI - European Master in Informatics

---

GEM - Geo-information Science & Earth Observation for Environmental Modelling & Management

---

HEEM - European Masters Degree in Higher Education

---

LLMEUR - "Master der Europäischen Rechtspraxis" - ILeS International Legal Studies

---

MAE - Master of Applied Ethics

---

MEEM - mechanical Engineering Erasmus Mundus Masters Course

---

MIM - Master of Industrial Mathematics

---



## AMASE

### Joint European Masters Programme in Advanced Materials Science and Engineering

**Duration:** 2 years

**Course description:**

This is a full-time Master's programme offered by the University of the Saarland, Saarbrücken (Germany), the National Polytechnic Institute of Lorraine, Nancy (France), the Technical University of Catalonia, Barcelona (Spain) and Lulea University of Technology (Sweden). The Course provides high-level, multinational and research-oriented education in materials science and engineering, along with a well-integrated language and cultural experience.

The programme lasts for two years, including six months working on a Master's thesis. The various specialities of the partner institutions result in a wide range of study options. Students attend courses at two universities: the first and second semesters take place at the entrance university, and the third semester is spent at the second university. During the fourth semester, students write their Master's thesis at one of these two universities. The programme covers the broad spectrum of materials science and engineering, with modules in the structure of materials, the characterisation and modelling of materials, the properties of materials, and the technologies of materials. There are also extensive possibilities for specialisation, and the option of arranging internships in industry during holiday periods.

The programme is managed by a Steering Committee consisting of two professors from each institution who organise and harmonise the activities. The consortium has thirteen years of collaboration experience within the very successful EEIGM Programme (European School of Materials Science and Engineering), which has trained over 500 engineers. The programme works in partnership with the Federation of European Materials Societies (FEMS). To promote exchange with third countries, the consortium has established partnerships with third-country universities in Argentina, Australia, Brazil, China, Colombia, Egypt, India, Mexico, Morocco, the Philippines, Russia, South Korea, U.S.A. and Venezuela. These universities collaborate in disseminating information about the Master's course, in selecting students and in offering mobility opportunities for students.

This course is given in two languages, with the options of English (in Sweden), German, French and Spanish (depending on the selected universities). Language courses are integrated into the programme. A maximum of eighty students from around the world join the course each year, distributed equally between the partner institutions. The programme has an excellent scholar/student ratio (Saarbrücken twelve Professors, Nancy thirty-two Professors, Barcelona sixteen Professors, Lulea fourteen Professors). There is also an alumni association for the Master Programme, which is being run through the "materials club", a new communication and networking platform created and supported by the German Materials Society.

Students obtain a double Master's degree awarded by the two universities they have attended. A Diploma Supplement is also provided. Admission requirement includes a Bachelor of Science or similar degree with thorough training in mathematics, physics, chemistry, physical chemistry and a basic knowledge of the structure and behaviour of materials. Sufficient knowledge of the language of the university where the students spend the first year is also required.

**Website:** <http://www.amase-master.net/>

**Partners:**

Saarland University, Germany (Co-ordinating Institution)  
National Polytechnic Institute of Lorraine, France  
Technical University of Catalonia, Spain  
Lulea University of Technology, Sweden

**Contact:**

Frank Mücklich  
Saarland University - Department Materials Science  
University Campus, Building C6.3, 7. Stock  
66123 Saarbrücken, GERMANY

## **CROSSWAYS**

### **Crossways in European Humanities**

**Duration:** 2 years

**Course description:**

This integrated Master's Course is run by a consortium of seven universities: the University of Bergamo (Italy); the New University of Lisbon (Portugal); University of Perpignan Via Domitia (France); the University of Tübingen (Germany); the University of Santiago de Compostela (Spain); the University of Saint Andrews (UK); and the University of Sheffield (UK). It aims to promote knowledge of European diversity and an awareness of a common European identity, while also providing future managers with the top-class expertise required to play a key role in international institutions, national administrations or large media groups. Throughout the Course, students are introduced to a variety of methodological approaches in preparation for doctoral research in the field of the Human Sciences.

The Master's Course is organised as a pedagogical continuum: specialised modules follow upon more general ones presenting the concept of cultural hybridisation and crossovers. Prominent themes include Crossing Territories, Theoretical and Comparative Studies in Literature and Culture, Media, Communication and Cultural Imprinting, Literary History and Intercultural Studies, Cultural Identities, Texts, Co-texts and Contexts, (Un)Doing the Social.

The mobility scheme covers three out of the seven partner universities. Semesters one and three are spent in the same institution. The second and fourth semesters are spent in two other institutions (it is not possible to study at both Sheffield and Saint Andrews). For certain qualified students, it is possible to enrol directly into the 2<sup>nd</sup> year. The wide choice of modules offered enables students to pursue an individual study plan adapted to their professional and academic training. The main language of study at each University is the national language. Each university offers language training during the Course. About forty students are selected each year, resulting in a ratio of about 1 professor to every 2 students.

The final Master's diploma takes the form of a multiple degree issued by each of the establishments in which the graduate has obtained at least a third of the required number of ECTS credits. A Diploma Supplement gives details of completed modules and research projects. Only those candidates having obtained the academic or professional equivalent of a First Class or 2.1 Bachelor of Arts Honours Degree, and/or are among the top 5 graduates of their university year will be eligible for selection. Applicants should have knowledge of 3 European languages (ES, IT, PO, DE, FR or EN) as well as Literature. They should show high motivation, and include a statement of purpose and interest.

**Website:** <http://www.munduscrossways.eu/>

**Partners:** University of Perpignan Via Domitia, France (Co-ordinating Institution)

University of Bergamo, Italy

New University of Lisbon, Portugal

University of Santiago de Compostela, Spain

University of Tübingen, Germany

University of Saint Andrews, United Kingdom

University of Sheffield, United Kingdom

**Contact:**

Jonathan Pollock

Université de Perpignan Via Domitia

52, avenue Paul Alduy

66860 Perpignan, FRANCE

**EJMWCM**  
**European Joint Master in Water and Coastal Management**

**Duration:** 1 year 6 months

**Course description:**

The objective of the Course is to train managers in integrated River-Basin and Coastal Zone management. The programme runs for eighteen months, consisting of a one-year taught course and a six month project and thesis. The course lectures are grouped into specialist modules on particular fields of expertise in environmental, water, and coastal management.

The consortium is made up of leading European research institutions: the University of Algarve (Portugal) as co-ordinator; the University of Bergen (Norway); the University of Cadiz (Spain) and the University of Plymouth (UK). There is also a subset of an expanding network of third-country institutions that collaborate with this consortium, including universities in Russia, the USA, Colombia, Mexico, Argentina, Brazil, and China.

The location of the taught programme rotates every year as it is hosted by different participating institutions in order to promote teaching staff mobility. Students must gain at least a third of their course credits in a second participating university.

The size of student population is 60 students per annum. The professor/student ratio is very high (+/- 1:1) because of the wide choice of modules offered enabling students to pursue fields of particular importance to their professional training. The main language of instruction is English. Each university also offers an intensive language school during the summer prior to the programme, as well as local language training during the course.

The qualification obtained on the successful completion of the course is the European Joint Master's Degree in Water and Coastal Management. This is awarded by the universities that the student visits as part of the Erasmus Mundus programme. Details of the modules and research projects that were undertaken by students are provided in a Diploma Supplement. Applicants require a first higher education degree in appropriate disciplines such as Hydrology, Environmental and Ocean Sciences.

**Website:**

<http://cursos.ualg.pt/eumscwcm/index.htm>

**Partners:**

University of Algarve, Portugal (Co-ordinating Institution)  
University of Bergen, Norway  
University of Cadiz, Spain  
University of Plymouth, United Kingdom

**Contact:**

Alice Newton  
Universidade do Algarve  
Faculdade de Ciencias e Tecnologia – FCT  
Campus de Gambelas  
8005-139 Faro, PORTUGAL

## EMMA

### Erasmus Mundus Masters – Journalism and Media within Globalization: The European Perspective

**Duration:** 2 years

**Course description:**

The aim of this Master's Course is to give participants a new and better understanding of global challenges and their representation in the media. The Course is offered by a consortium of universities: Danish School of Journalism at Aarhus University (Denmark), University of Wales, Swansea (United Kingdom), Amsterdam University (the Netherlands), City University London (United Kingdom), and Hamburg University (Germany). This Consortium also utilises an established research network within Europe and has partnerships with third-country higher education institutions all over the world, including Asia, the US, and Canada.

The Course enables students to acquire knowledge of European journalism and its scholarly study in a global perspective. They will become familiar with the key contemporary issues and debates in the area of European journalism and will develop the analytical skills and techniques to assess the merits of different approaches and theories. The Course prepares its students for employment in a wide range of contexts, training them to be reflective practitioners and consumers of media content. The two-year mobility track includes one semester of core course study in Denmark, followed by a second semester of core courses in the Netherlands. Students then divide up into specialised modules for semesters three and four amongst the remaining three universities. The consortium has a close cooperation with national and international media bodies, and optional internships may be offered.

The language of instruction is English. An introduction week is offered at each institution including a survival language course in Danish, Dutch, German or Welsh in the respective countries. The professor/student ratio is on average 1 professor to 14 students.

Students are awarded, on successful completion of the course, a double Masters degree from the institutions where they start and end. A joint degree is offered where national legislations allow it. The degree certificate includes the national titles of the degree as well. The consortium admits highly qualified students from a wide range of countries. Applicants will only be admitted if they have a Bachelor's degree and the equivalence of at least three months work as a journalist.

**Website:** <http://www.mundusjournalism.com>

**Partners:**

University of Aarhus, Denmark (Co-ordinating Institution)  
Amsterdam University, the Netherlands  
City University London, United Kingdom  
University of Wales, Swansea, United Kingdom  
University of Hamburg, Germany

**Contact:**

Inger Munk  
Danish School of Journalism (DSJ)  
Olof Palmes alle 11  
DK-8200 Århus N, DENMARK

**EMMS**  
**Joint European Masters Programme in Materials Science**

**Duration:** 2 years

**Course description:**

The EMMS is a 2-year Master's programme offered by the University of Aveiro (Portugal), the Technical University of Hamburg-Harburg (Germany) and Aalborg University (Denmark) - all members of the ECIU – the European Consortium of Innovative Universities. This full-time programme offers its students a first-rate education at two or three top European universities, closely linking research, theoretical and practical work.

The Master's Course is an interdisciplinary, research-led programme dealing with relationships between material composition, synthesis, structure, microstructure, physical and chemical properties, and performance of materials in advanced technological applications. It provides students with specialised training in the science and engineering of ceramics, metals, polymers and composites, with specialised emphasis on a variety of subjects such as material for electronics, biomaterials, nanotechnologies, etc. The Course is entirely taught in English and benefits from the wide-ranging expertise available in the three partner universities.

Students may spend one, two or three semesters at two or three partner institutions, experiencing life and work in different European societies. Individual study plans and learning agreements are agreed upon for each student. The Course allows for early specialisation, including the offer of a large number of elective courses involving academic staff of the partner institutions and invited academic staff from other institutions from ECIU and outside the Consortium. With an enrolment rate of only 30 students per year, the Course provides an excellent professor / student ratio.

The Course has a strong research focus. The fourth semester is reserved for thesis work (supervised jointly) and the Course provides a good preparation for further Ph.D. studies. EMMS students also have opportunities to participate in industrial internships, project work and international conferences during the Course.

The Course also offers a comprehensive student service package, including counselling, welfare services, a cultural programme and social activities, buddy-programme and assistance with housing. Free use of public transport (in Hamburg), and a number of student scholarships (in Aveiro) may also be provided. Language courses and humanities courses (such as "European Culture and Civilisation" and "European Integration") are also available to Erasmus Mundus students.

The Course awards a joint masters diploma recognised in Portugal, Germany and Denmark. Its strong contacts with industry and its broad network of partner universities means that its successful graduates are highly employable. Applicants require a good Bachelor's degree or equivalent in Materials Science/Engineering and related areas, e.g. Physics or Chemistry, as well as excellent English language proficiency.

**Website:** [http://www.tuhh.de/eciu-gs/pro\\_joint\\_mat.html](http://www.tuhh.de/eciu-gs/pro_joint_mat.html)

**Partners:**

University of Aveiro, Portugal (Co-ordinating Institution)  
Technical University of Hamburg-Harburg, Germany  
Aalborg University, Denmark

**Contact:**

Prof. Vitor Amaral  
Universidade de Aveiro  
Chemistry Department  
PT-3810-193 Aveiro, PORTUGAL

**EMPCL**  
**European Masters Programme in Computational Logic**

**Duration:** 2 years

**Course description:**

Computational Logic is a wide interdisciplinary field with its roots in mathematics, computer science, logic, and artificial intelligence. Its breath of scope is anchored in the power and general application of logic-based reasoning across the spectrum of scientific disciplines, and in the practical use of computer-supported automated tools. Consequently, it has its applications in computer science, mathematics, the engineering sciences, humanities and social sciences (including law), as well as in the natural sciences, and in interdisciplinary fields like cognitive science.

The objective of the European Master's Programme in Computational Logic is to impart to its students a thorough understanding of both the theoretical and practical knowledge required for professional practice in Computational Logic. The course will give students a profound insight into the various disciplines of Computational Logic and strengthen their ability to work according to scientific methods. The programme has an intake of about 100 students per year who are taught by about 65 professors.

The integrated study programme distributes its students among the Dresden University of Technology (Germany, co-ordinator), the Free University of Bozen-Bolzano (Italy), the Vienna University of Technology (Austria), the New University of Lisbon (Portugal) and the Technical University of Madrid (Spain). It is based on common and compulsory foundation modules taught at all partner institutions, selected advanced modules based on the specific research strengths of the different partner institutions (thus varying from partner to partner), a study project and a research Master's thesis. The language of instruction is English. The taught elements of the Erasmus Mundus Master's Course last for three semesters, while the fourth semester is assigned to the Master's thesis and its defence.

Because of the modular nature of the Course, students can move for any semester from one partner university to another one. Each student will study at two of the partner universities for one year each and will receive a Master's degree from both universities. The awarded degrees are officially-recognised degrees in the issuing countries.

Applicants must satisfy the following study requirements: Proof of an adequate knowledge of English; Bachelor's degree in Computer Science or equivalent; proof of extensive knowledge in foundations of mathematical logic, foundations of artificial intelligence and declarative programming.

**Website:** <http://european.computational-logic.org>

**Partners:**

Dresden University of Technology, Germany (Co-ordinating Institution)  
Free University of Bozen-Bolzano, Italy  
Vienna University of Technology, Austria  
New University of Lisbon, Portugal  
Technical University of Madrid, Spain

**Contact:**

Steffen Hölldobler  
Technische Universität Dresden  
TU Dresden / Fakultät Informatik  
Mommsenstraße 11  
DE-01062 Dresden, GERMANY

**EuMAS**  
**European Masters Course in Aeronautics and Space Technology**

**Duration:** 2 years

**Course description:**

The Erasmus Mundus Master's Course in Aeronautics and Space Technology is a two-year programme jointly offered by the University of Pisa (Italy), the Technical University of Munich (Germany), the Technical University of Madrid (Spain), the National Higher Education Institute for Aerospace of Toulouse (ENSAE-Supaero) (France), and Cranfield University (UK). It has two study tracks, aimed at providing world-class instruction in either Aeronautical Engineering or Space Technology. The areas of study include structures and mechanics, fluid dynamics, thermal fluid sciences and aerodynamics, air breathing and rocket propulsion, flight dynamics, orbital mechanics and control, aircraft and spacecraft systems, and mission design.

Each Course cycle is hosted in turn by two of the partner universities. The students spend the first year at one location, then move to another location for the second year. The final Master's project is normally carried out at a third location in a university, research centre or industry placement. The course schedule of each academic year is agreed upon by the Master's Course Scientific Board in accordance with the objectives of the Course and the internal organisation of the hosting institutions.

Instruction is in English. The students also have access to language courses as well as lectures and seminars delivered in the local language of the universities. The student class ranges between twenty-five to forty, with a professor/student ratio of just below 1 professor to 1 student. The degree awarded is a double degree, fully recognised in Europe and in most countries worldwide.

The professional qualification that the students acquire on this Course opens the way to careers in the aerospace industry, in government and international organisations involved in aerospace, and in research laboratories. Students who have completed at least three years of undergraduate education in an engineering discipline or in an applied science are eligible to apply.

**Website:** <http://www.aerospacemasters.org/>

**Partners:**

University of Pisa, Italy (Co-ordinating Institution)  
Technical University of Munich, Germany  
Technical University of Madrid, Spain  
National Higher Education Institute for Aerospace (ENSAE-Supaero), France  
Cranfield University, United Kingdom

**Contact:**

Salvo Marcuccio  
Università di Pisa / Dipartimento di Ingegneria Aerospaziale  
Via Girolamo Caruso  
IT-56122 Pisa, ITALY

**EuMI**  
**European Master in Informatics**

**Duration:** 2 years

**Course description:**

The University of Trento (Italy), the RWTH Aachen University (Germany), and the University of Edinburgh (Scotland) are offering a two-year Joint Masters Programme, named European Master in Informatics (EuMI). The objective is to educate professionals who will understand advanced techniques, tools, and methodologies in the field of Computer Science, and who will be able to put this knowledge into practice in key domains of application. In particular, EuMI offers three areas of specialisation in Net-Centric Informatics, Life-Science Informatics, and Embedded Systems Informatics. These are application domains that, being emergent, rapidly evolving, and of growing impact on the society, require specialised competencies not covered by more traditional degree programmes.

For each area of specialisation, a joint curriculum is defined which involves two Universities. The student undertaking the Erasmus Mundus Master's curriculum will visit both Universities, taking courses focussing on advanced topics in theoretical and practical Computer Science within a selected area of specialisation. Courses are taught in English. Students will also have the opportunity to take courses on the culture and language of the visited European countries. At the end of the programme, a Master's Thesis will be prepared on a research topic jointly selected with the two host Universities.

On the successful completion of EuMi, students will be awarded a Master of Informatics and will receive a degree from each of the Universities where they spent a part of their study: a "Laurea Specialistica in Informatica" ("Specialist Degree in Computer Science") by the University of Trento, a "Master of Science in Computer Science" by RWTH Aachen University, a "Master of Science in Informatics" by the University of Edinburgh.

The EuMI programme is intended for a small number of top-level international students. In order to guarantee a ratio between the teachers involved in the Joint Master and the EuMI students of close to one, a maximum of 30 students per year will be selected. Candidates should have a solid background in basic Computer Science disciplines and a keen interest in the fields of Net-Centric Informatics, Embedded Systems Informatics, or Life-Sciences Informatics. Prerequisites are a first level degree in Computer Science or closely-related disciplines and a fluent knowledge of spoken and written English.

**Website:** <http://www.eumi-school.org>

**Partners:**

University of Trento, Italy (Co-ordinating Institution)  
RWTH University Aachen, Germany  
University of Edinburgh, United Kingdom

**Contact:**

Maurizio Marchese  
University of Trento  
Department of Information and Communication Technology  
Via Sommarive 14  
IT-38050 Povo – Trento, ITALY

**GEM**  
**Geo-Information Science and Earth Observation**  
**for Environmental Modelling and Management**

**Duration:** 1 year 6 months

**Course description:**

This Master's Course has been developed by four leading European institutes in the field of geo-information management. The members of the consortium are the International Institute for Geo-Information Science and Earth Observation (the Netherlands), the University of Southampton (United Kingdom), Lund University (Sweden), and Warsaw University (Poland). The Course caters to two priority research areas of the European Union: "Information society technologies" and "Sustainable development, global change, ecosystems", highlighting the European aspects of these areas.

Graduates of this programme will emerge with a critical understanding of the necessary technical and scientific tools together with excellent management abilities and personal skills. Such skills include an understanding of the scientific process and the ability to undertake scientific research. Students will also gain a thorough awareness of the European and global environment and its complexity. Taught by staff of international repute, students will use real-world case studies that involve solving problems by applying solid theoretical knowledge, modern technology and management techniques. The course integrates technical skills from various disciplines (including environmental science, remote sensing and GIS) with management and policy. Problem-based teaching methods challenge students to think through and solve problems.

The total duration of the Course is eighteen months. It is organised into fifteen modules all linked through a common geo-information and environment theme. Students reside in the UK, Sweden and the Netherlands. Poland is visited for fieldwork. Both scholars and staff will participate in teaching modules in partner institutions. Students and scholars have ample opportunity for cultural exposure and will have the chance to become familiar with several European languages. English, however, will be the language of instruction. Twenty-six students participate each year. Successful completion of the course will lead to the award of a double degree.

This programme prepares its top-quality graduates for employment in the public and private sector as managers, planners, policymakers, researchers or advisors who can make a difference in environmental management. Applicants should have a Bachelor's degree in a related discipline from a recognised university, ideally combined with at least two years' work experience in a relevant scientific field. Candidates are required to have a recognised level of proficiency in English.

**Website:** <http://www.gem-msc.org/>

**Partners:**

International Institute for Geo-Information Science and Earth Observation, Netherlands  
(Co-ordinating Institution)  
University of Southampton, United Kingdom  
Lund University, Sweden  
Warsaw University, Poland

**Contact:**

Andrew Skidmore  
Department of Natural Resources  
Hengelosestraat 99  
NL-7514 AE Enschede, THE NETHERLANDS

**HEEM**  
**European Masters Degree in Higher Education**

**Duration:** 2 years

**Course description:**

In co-operation with several European universities and independent research centres, the University of Aveiro (Portugal), the University of Oslo (Norway) and the University of Tampere (Finland) offer a joint, two-year Masters Course in Higher Education. The programme is focused on the changing functions, policies, and operations of higher education in a comparative perspective. This is a cross-disciplinary programme that aims to promote a clear understanding of higher education across Europe and internationally, and to contribute to the structured training of the next generations of higher education researchers and managers.

The course involves at least one semester of study in Oslo, and a period of study in either (or both) Finland or Portugal. There are also opportunities for selected European students to spend short amounts of time in two partner institutions associated with the consortium: the University of New England (Australia) and Obirin University (Japan). The language of instruction is English. The Course involves a maximum of forty students, with a professor/student ratio of approximately one to four.

The course programme is composed of a combination of modules, including research methods and statistics, the history, governance and management of higher education, economic and international dimensions of higher education and a Master's thesis. The Master's Course consortium awards successful students a Joint Master's Degree.

Entry to the Course requires a university degree based on no less than three years of study (bachelor's degree) or equivalent educational qualifications approved by the admission commission and an adequate knowledge of English.

**Website:** <http://www.uv.uio.no/hedda/masterprogramme/heem.html>

**Partners:**

University of Oslo, Norway (Co-ordinating Institution)  
University of Aveiro, Portugal  
University of Tampere, Finland

**Contact:**

Peter Maassen  
University of Oslo  
Faculty of Education  
P. O. Box 1161 Blindern  
NO-0316 Oslo, NORWAY

**LLMEUR**  
**European Legal Practice – LL.M. Eur**

**Duration:** 2 years

**Course description:**

This international course in “European Legal Practice”, created in Hanover in 1988, complements the study of the legal system of the student’s home country with the acquisition of knowledge and skills for working in and with various European legal systems, with particular emphasis on the harmonisation and unification of law in Europe. The course, taken in several countries, offers a taste of the local political, economic and social framework conditions and aims to prepare students for an international legal career. It is part of the university co-operation scheme ELPIS (European Legal Practice Integrated Studies) involving 30 partner universities in almost all the EU Member States and the EFTA countries.

The Erasmus Mundus Master’s Course is run by a smaller group involving the Law Faculty of the Universität Hannover (Germany), the International Affairs Faculty of the Université du Havre (France), the Law Faculty of the Universidade Católica Portuguesa, Lisbon (Portugal) and the Faculty of Law, Economics and Management of the Université de Rouen (France). Students who successfully study for a total of at least two years at two of these universities in different countries, are awarded a double Master’s degree with the letters “LLM Eur”, citing the two places of study in question. Recognition of the title is guaranteed.

This Master’s course must be preceded by a completed law course of at least three years’ duration at a university in an EU Member State or an EFTA country. Moreover, students with a corresponding university degree from third countries are also admitted under the Erasmus Mundus programme. The language of teaching is, in principle, the national language of the host university in question, and sufficient mastery of this language is a condition of admission. All the participating universities offer courses in *ab initio* and more advanced German, French or Portuguese, in addition to the law courses, and personal support is tailored to the needs of the students.

**Website:** <http://www.elpis.eu>

**Partners:**

University of Hanover, Germany (Co-ordinating Institution)  
Portuguese Catholic University, Portugal  
University of Le Havre, France  
University of Rouen, France

**Contact:**

Bernd Oppermann  
Universität Hannover  
Juristische Fakultät  
Königsworther Platz 1  
DE-30167 Hannover, GERMANY

**MAE**  
**Master of Applied Ethics**

**Duration:** 1 year

**Course description:**

This Master's Course merges two existing high-quality Master's programmes of applied ethics: The Nordic Master's Programme in Applied Ethics which started in 2001 and the Master's Programme of Applied Ethics at Utrecht University which started in 2003. The objective of the Master's Course is to create and develop ethical reflection and ethical competence with a specifically European dimension. This will involve a mix of relevant theoretical and practical knowledge, understanding, and evaluation.

The consortium implementing this course consists of three universities; Linköping University (Sweden), Utrecht University (the Netherlands), and Norwegian University of Science and Technology in Trondheim (Norway). Students have a choice of courses and mobility tracks, with the requirement that at least one of the courses chosen and one third of the work must be carried out at a second institution.

Throughout the course, students will be taught to identify and analyse moral problems in different social and professional contexts, to present sound input in public and professional debates on moral issues, to structure and evaluate those debates, and to formulate theory-based policy recommendations and assessments regarding moral issues in specific practices (e.g., health care, law, business, ICT or journalism). In addition, the programme will focus on organising constructive ethical deliberation in institutional and professional contexts, enhancing the quality of applied ethics as an academic field and as in professional practice.

The programme runs over two semesters of full-time study and is mainly conducted in English. The first semester is comprised of different courses in applied ethics while the second semester may include both ethics courses and a Master's thesis or alternatively a more substantial Master's thesis. The thesis may be written in connection with an internship. Students will participate in a class of about fifty, making a ratio of about 1 professor to 5 students.

A double or a multiple degree is awarded by the three institutions and the graduating students also receive a joint diploma supplement. Minimum formal requirements for admission to the programme are a Bachelor's degree (or equivalent), or a professional degree which has involved at least three years of study. The applicants must submit an essay in which they demonstrate basic knowledge of ethics and their affinity for the subject. Selection will be made according to the quality of the student's previous work.

**Website:** <http://www.maeappliedethics.eu/>

**Partners:**

Linköping University, Sweden (Co-ordinating Institution)  
Utrecht University, the Netherlands  
Norwegian University of Science and Technology, Norway

**Contact:**

Göran Collste  
Centre for Applied Ethics  
Linköping University  
CTE, House Key  
SE-581 83 Linköping, SWEDEN

**MEEM**  
**Erasmus Mundus Master of Mechanical Engineering**

**Duration:** 2 years

**Course description:**

This Masters Course is comprised of three joint degrees of mechanical engineering issued by Technical University of Catalonia, Barcelona (Spain), Trinity College of Dublin (Ireland) and the National Institute of Applied Sciences of Lyon (France).

The study programme, which lasts two academic years, is focussed on the design and manufacturing of complex mechanical systems with computer aided tools. The first year is devoted to developing basic skills in Solid Mechanics, Fluid Mechanics, System Control, Mechatronics, Vibrations, Heat Transfer, Mechanical Design and Manufacturing. The second year deals with Computer Aided Tools, CAD, CAM, and simulation software in Structural Mechanics. Management is also introduced. The last semester consists of compulsory modules in Manufacturing, Noise of Mechanical Systems, Numerical Modelling of Mechanical Systems, and Automation Engineering.

The students have a choice of four different mobility arrangements between the three institutions offering the Master's Course, spending a year in two different countries. The languages of instruction will be English, Spanish and French for a group of about 19 third country students and 20 European students. The mean professor/student ratio will be close to 1.

Depending on their mobility arrangements, the students of this Master's Course will graduate with a Master's of Mechanical Engineering, consisting of a "diplôme d'ingénieur" accredited by the French and / or the Spanish authorities, and, if time has been spent in Dublin, with a Master of Sciences from Trinity College.

Applicants must have a first academic degree, equivalent to bachelor level. For third country students, a board of examiners from the three institutions will evaluate the academic records of applicants who have graduated with Bachelor's, Master's or other degrees, along with the syllabus of the university they attended.

**Website:** <http://www.emmme.com>

**Partners:**

National Institute of Applied Sciences, Lyon, France (Co-ordinating Institution)  
Technical University of Catalonia, Spain  
Trinity College Dublin, Ireland

**Contact:**

Jean-Claude Boyer  
National Institute of Applied Sciences of Lyon (INSA)  
Mechanical Engineering/Design  
27, avenue Jean Capelle-Bât St Exupéry  
F-69621 Villeurbanne Cedex, France

**MIM**  
**Master of Industrial Mathematics**

**Duration:** 2 years

**Course description:**

This Master's Programme aims to train students to become professional applied mathematicians capable of applying mathematic methods and computational skills to solve industrial and engineering problems. They will also learn to conduct research in a specific field of applied mathematics and to communicate on an academic level in a multidisciplinary environment. This programme is run jointly by Eindhoven University of Technology (the Netherlands), University of Kaiserslautern (Germany) and the Johannes Kepler University Linz (Austria), under the umbrella of ESIM, the European School for Industrial Mathematics.

Students study at two universities consecutively. There is a joint curriculum, although each of the various locations imparts its own local flavour to the Course. The programme is organised in such a way that students can easily switch locations after one year (and to some extent even within the first or second year).

The first year consists of three parts: an introductory programme, a core programme, with subjects like partial differential equations and numerical methods, and an elective programme with applied and practical courses. The second year also has three parts. The first module involves a research topic in Applied Mathematics. The precise content and size of this module depends on the interests and the needs of the student as well as the local constraints at the location of study. The second part of the year is completely devoted to mathematical modelling and consists of seminars on mathematical modelling, an optional internship, and participation in the International Modelling Week, organised by ECMI (European Consortium of Mathematics in Industry), which takes place at a European university of the ECMI consortium. Students spend the final part of the second year writing their Master's Thesis, which involves an industrial project carried out at an external institute or company.

The total number of students in the programme, more or less equally distributed over the partner universities, is fifty. The professor/student ratio is about one professor to three students and the teaching language of the programme is English.

After having completed the programme successfully, students are awarded two Master of Science degrees recognized world-wide, from the universities where they have done their coursework. To be admitted, students and scholars must be sufficiently fluent in English, both orally and written, and have at least a Bachelor's degree in the field of applied mathematics with sufficient engineering or technical aspects.

**Website:** <http://www.esim.info>

**Partners:**

Eindhoven University of Technology, the Netherlands (Co-ordinating Institution)  
University of Kaiserslautern, Germany  
Johannes Kepler University Linz, Austria

**Contact:**

Karen Ali  
Education and Student Service Center  
Den Dolech 2 / P.O. Box 513  
NL-5600 MB Eindhoven, THE NETHERLANDS