

CIMET
Color in Informatics and MEDIA Technology

Duration: 2 years

Course description:

The Universities of Saint-Etienne (France, co-ordinator), Granada (Spain), Joensuu (Finland), and Gjøvik (Norway) are offering a two-years Masters Programme entitled Color in Informatics and MEDIA Technology (CIMET).

The study programme of this Masters course is broadly interdisciplinary, encompassing photonics, computer vision and imaging science, computer science and multimedia technology as a mix of relevant theoretical and practical knowledge. The objective is to educate students in advanced methodologies and models in computational color science with two goals of research orientation and further studies at the doctoral level on one hand, and practical applications on the other hand. CIMET offers three areas of specialization: Color Imaging Science, Spectral Color Science and Multimedia Technology Science. These are emergent areas, rapidly evolving, and of growing impact on the Information Society Technologies which require specialized competencies.

The first semester is devoted to foundation courses necessary to students before beginning the two specializations they will follow. Foundation courses are proposed in any university of the consortium. The first specialisation, in the second semester, is devoted to compulsory courses in color imaging science necessary to students before beginning the second specialization. It will be done either in Granada or Saint Etienne. The second specialisation, in the third semester, will be done either in Joensuu or Gjøvik. Therefore, during the first three semesters, students will spend their Masters Courses in either two universities or three universities. This arrangement leaves open the possibility to visit during the Masters thesis period another university of the consortium which will not deliver a degree. During one of the first three semesters, students will have to follow courses on the culture and language of the visited country.

Courses will be taught in English and are structured according to the ECTS with 120 credits run over four semesters of full-time study. Students will be awarded a double (or multiple) degree, at postgraduate-level (Msc of Science, 300 ECTS), from the two (or three) degree-granting universities visited. The CIMET programme is intended for top level non-EU and EU students with a fluent knowledge in spoken and written English (TOEFL 550). Thirty students will be integrated each year in this program, with a professor/student ratio close to one. Admission will be based on academic excellence. Applicants should have a BSc degree (i.e. 180 ECTS) in the European LMD system, or equivalent, in computer science, physics or mathematics.

Website: <http://www.master-erasmusmundus-color.eu/>

Partners:

University Jean Monnet of Saint Etienne, France (Co-ordinating Institution)

University of Joensuu, Finland

Gjøvik University College, Norway

University of Granada, Spain

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865 000 € (15 000 € consortium + 850 000 € scholarships), 2009