

MASTER'S DEGREE IN NANOBIO SCIENCE

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NOVELTY!

STARTING **SEPTEMBER 2008** UCD WILL BE OFFERING A BRAND NEW 1 YEAR'S TAUGHT **MASTER'S INTERDISCIPLINARY DEGREE IN NANO+ BIO SCIENCES** WITH COURSES GIVEN BY LEADING RESEARCHERS IN THEIR FIELDS.

THE PROGRAMME BUILDS ON THE FOLLOWING MODULES:

- NANOOPTICS AND BIOPHOTONICS
- PHYSICS OF NANOMATERIALS
- SPECTROSCOPY AND LASERS FOR BIONANOSCIENCE
- NANOMECHANICS · FROM SINGLE MOLECULES TO SINGLE CELLS
- ATOMIC FORCE MICROSCOPY FOR BIONANO-SCIENCE
- PROGRAMMING AND INTERFACING MINIPROJECTS
- COMPUTATIONAL BIOPHYSICS AND NANOSCALE SIMULATIONS
- BIOPHYSICS AT THE NANOSCALE AND NANODEVICES
- BIOMIMICRY · LEARNING FROM NATURE
- BIOLOGICAL FLUID MECHANICS AT THE MICRO- AND NANOSCALE
- INNOVATION
- JOURNAL CLUB AND PRESENTATION SKILLS
- RESEARCH PROJECT

AND IT WILL BE CONCLUDED WITH PARTICIPATION AT A LEADING INTERNATIONAL CONFERENCE IN NANOBIO SCIENCE.

FOR MORE INFORMATION PLEASE CONTACT:



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