PARTICIPATING INSTITUTIONS **AND PARTNERS**









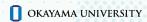








































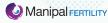


























SECRETARY

Dª MARÍA LUISA NICOLÁS TOMÁS



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ACADEMIC COORDINATOR

Dr SEBASTIÁN CÁNOVAS BERNABÉ



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INFORMATION REQUEST

Dr MARIA JIMÉNEZ MOVILLA



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MORE INFORMATION

http://www.um.es/postg-biorep/

http://www.um.es/web/veterinaria/idioma /estudi os/masteres/bio-tecno-mamiferos

MASTER COURSE OFFICIALY ACCREDITED BY



SUPPORTED BY THE BILINGUAL PROGRAM



UNDER THE AUSPICES OF









MASTER IN

BIOLOGY AND TECHNOLOGY OF REPRODUCTION

2019 - 2020





OBJECTIVE

The Master goal is to train specialists in Biology and Technology of Reproduction with a scientific and professional profile (both in human and animal reproduction)

MASTER CONTENT

A total of 60 ECTS:

- Formative 42 ECTS
 (30 compulsory + 12 optative subjects)
- External Practices (Practicum) 12 ECTS
- Final Master's Dissertation 6 ECTS
- · 1 Academic year (Sep 2019 Sep 2020).
- Timetable: morning and afternoon (working days)
- · Language instruction: English and Spanish.
- · Cost: 46.97€ each ECTS (figures for year 2018-19)

FIRST SEMESTER (SEP 2019 - JAN 2020)

COMPULSORY SUBJECTS

- Advanced aspects of morphology and function of the reproductive system
- · Fertilization and embryo development
- Basic reproductive technologies of gametes and embryo manipulation

SECOND SEMESTER (FEB 2020 - SEP 2020)

OPTIONAL SUBJECTS

- · Assisted reproduction in humans
- Ethic and legal aspects of the life beginning and the assisted reproduction technique in humans
- · Cryopreservation of gametes and embryos
- · Epidemiology of reproductive health
- · Ultrasound applications in reproductive biology
- Reproductive biotechnologies and recovery of endangered species
- · Transgenesis, gene therapy, cloning and stem cells
- Basic issues of scientific activity: methods, foundations and ethics
- Cell and Molecular Biology techniques applied to the Biology of Reproduction
- · Epigenetics in Reproductive Biology

COMPULSORY

EXTERNAL PRACTICES (PRACTICUM)

Minimum of 6 weeks in Clinics of Human Reproduction, Hospital Reproduction Units, Animal Reproduction Centers and Companies, University Departments, Research Centers and Reproductive and/or Biotechnological Companies located all around the world

MASTER DISSERTATION

Under a tutor's supervision the students should execute a research work (experimental), prepare a written report according to a scientific format (objective, state of the art, material and methods, results, discussion and conclusion) and present and discuss the topic with an evaluation committee

INFORMATION AND REGISTRATION

SECRETARY OF VETERINARY FACULTY UNIVERSITY OF MURCIA

Dª MARÍA LUISA NICOLÁS TOMÁS



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https://preinscripcionmaster.um.es/preposgrado/Preposgradoweb.seam

ACADEMIC YEAR 2019 - 2020

ENROLLMENT PERIOD

- · Pre-Registration: 17 Jun 2019 12 Jul 2019
- · Registration: 24 Jul 2019 30 Jul 2019
- A Degree or Bachelor in biosciences, medicine, veterinary, animal science, pharmacy, biology, biochemestry or biotechnology is required
- · Language instruction: Spanish and English
- A B1 level in Spanish or English is required and a B2 level is highly recommended

REQUIRED DOCUMENTS (A copy of)

- · Identity Card or Passport
- · Degree or Bachelor Title Certificate
- · Official Transcript of Records
- · Curriculum vitae
- · Personal statement
- · B1 certificate in English

UNIVERSIDAD DE MURCIA