

**TEACHING CALENDAR. MASTER “BIOLOGY AND TECHNOLOGY OF REPRODUCTION IN
MAMMALS”
ACADEMIC COURSE 2020-21**

(Slight changes might happen once the academic course begins)

First semester (period of classes from 21th September to 23th December 2020)

Week	Subject (Coordinator)
16-18 sep	<i>16th, 17th and 18th Sep: Master Thesis defence academic course 2020-21.</i>
21-25sep	Morphology and function of the male reproductive system (O. López)
28 sep-1 oct	Morphology and function of the male reproductive system (O. López). (<i>2nd Faculty of Veterinary Holiday</i>)
6-9 oct	Morphology and function of the female reproductive system (M. Jiménez). <i>5th Oct: Holiday: Academic Course Opening Ceremony</i>
13-16 oct	Morphology and function of the female reproductive system (M. Jiménez) <i>12th Oct: Holiday.</i>
19-23 oct	Gametes-oviduct interactions previous to fertilization (P. Coy)
26 -30oct	Opening-closing ceremony. Seminars, conferences and journal club of previous subjects.
3-6 nov	Fertilization, embryo development and pregnancy (P. Coy), <i>2nd Nov Holiday</i>
9-13 nov	Fertilization, embryo development and pregnancy (P. Coy)
16-20 nov	Sperm function analysis (C. Matás).
23-27 nov	Sperm function analysis (C. Matás). Seminars and conferences of previous subjects
30 nov-4 dec	In vitro maturation, fertilization and embryo culture (R. Romar)
9 dec-15 dec	In vitro maturation, fertilization and embryo culture (R. Romar). <i>7th and 8th dec: National holiday.</i>
16-22 dec	Seminars, conferences and journal club of previous subjects

Second semester (period of classes from 1st February to 14th May 2021).

Week	Subject (Coordinator)
1 feb-sept	<i>Practicum (minimum 6 weeks) and Master Thesis</i> Basic issues of scientific activity: methods, foundations, ethics (J. Serrano) 1 day/week during 10 weeks.
1-5 feb	<i>Topics presentation</i>
8-12 feb	Assisted reproduction in humans (M. Mollá)
15-19 feb	Assisted reproduction in humans (M. Mollá)
22-26 feb	Cryopreservation of gametes and embryos (S. Ruiz)
1-5 mar	Ethic and legal aspects of the life beginning and the assisted reproduction techniques in humans (MD. Cárceles)
8-12 mar	Epigenetics in reproductive biology (S. Cánovas)
15-19 mar	Transgenesis, gene therapy, cloning and stem cells (J. Gadea). <i>19th mar: holiday S. José.</i>
22-26 mar	Reproductive biotechnologies and recovery of endangered species (FA. García)
29 mar-11 abr	<i>Easter and Spring holidays</i>
12-16 abr	Cell and molecular biology techniques applied to biology of reproduction (M. Avilés)
19-23 abr	Ultrasound applications in reproductive biology (S. Ruiz)
26-30 abr	Epidemiology of reproductive health (J. Mendiola)



**EXAMINATION SCHEDULE. MASTER “BIOLOGY AND TECHNOLOGY OF REPRODUCTION IN
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January Period (period of exams from 11th to 30th January 2021)

Exam date	Subject
12 Jan 2021	Gametes-oviduct interactions previous to fertilization
15 Jan 2021	Sperm function analysis
18 Jan 2021	Morphology and function of the male reproductive system
20 Jan 2021	In vitro maturation, fertilization and embryo culture
22 Jan 2021	Morphology and function of the female reproductive system
25 Jan 2021	Fertilization, embryo development and pregnancy
28-29 Jan 2021	Master Thesis Defence

June Period (period of exams from 18th May to 5th June 2021)

Exam date	Subject
18 May 2021	Morphology and function of the male reproductive system
19 May 2021	In vitro maturation, fertilization and embryo culture Gametes-oviduct interactions previous to fertilization
20 May 2021	Sperm function analysis
21 May 2021	Fertilization, embryo development and pregnancy
24 May 2021	Basic issues of scientific activity: methods, foundations, ethics
25 May 2021	Morphology and function of the female reproductive system
26 May 2021	Ethic and legal aspects of the life beginning and the assisted reproduction techniques in humans
27 May 2021	Reproductive biotechnologies and recovery of endangered species
28 May 2021	Ultrasound applications in reproductive biology
31 May 2021	Cell and molecular biology techniques applied to biology of reproduction
1 June 2021	Cryopreservation of gametes and embryos
2 June 2021	Assisted reproduction in humans
3 June 2021	Transgenesis, gene therapy, cloning and stem cells
4 June 2021	Epigenetics in reproductive biology
5 June 2021	Epidemiology of reproductive health

July Period (period of exams from 21th June to 6th July 2021)

Exam date	Subject
21 June 2021	Ultrasound applications in reproductive biology
22 June 2021	Morphology and function of the male reproductive system
23 June 2021	Basic issues of scientific activity: methods, foundations, ethics In vitro maturation, fertilization and embryo culture
24 June 2021	Morphology and function of the female reproductive system
25 June 2021	Assisted reproduction in humans Sperm function analysis
28 June 2021	Gametes-oviduct interactions previous to fertilization Reproductive biotechnologies and recovery of endangered species
29 June 2021	Epidemiology of reproductive health Fertilization, embryo development and pregnancy
30 June 2021	Cell and molecular biology techniques applied to biology of reproduction
1 July 2021	Epigenetics in reproductive biology
2 July 2021	Cryopreservation of gametes and embryos
5 July 2021	Ethic and legal aspects of the life beginning and the assisted reproduction techniques in humans
6 July 2021	Transgenesis, gene therapy, cloning and stem cells

MASTER THESIS DEFENCE: 28-29 January 2021 (*only for students who pass all subjects in January*); 19th to 23th July 2021 (*only for students who pass all subjects in June*); 15th to 17th September 2021.