

TEACHING CALENDAR. MASTER "BIOLOGY AND TECHNOLOGY OF REPRODUCTION IN MAMMALS"

ACADEMIC COURSE 2019-20

(Slight changes might happen once the academic course begins)

First semester (period of classes from 18th September to 21st December 2019)

DATE	Subject (Coordinator)
18-20 sep	18, 19 and 20: Master Thesis defence academic course 2018-19. Mandatory attendance 19th afternoon 1st part "Welcome sessions" . Mandatory attendance
20sep-2oct	Morphology and function of the male reproductive system (O. López)(25 th sept holiday UMU Opening Ceremony; provisional). 26th afternoon 2nd part "Welcome sessions"
3oct-11oct	Morphology and function of the female reproductive system (M. Jiménez) 3th Oct. afternoon 3rd part "Welcome sessions" . (4 th oct holiday vet faculty)
14-18 oct	Gametes-oviduct interactions previous to fertilization (P. Coy)
21-25 oct	Opening-closing ceremony. Seminars, conferences and journal club of previous subjects.
28-31oct	Fertilization, embryo development and pregnancy (P. Coy) (1stnov holiday)
4-8 nov	Fertilization, embryo development and pregnancy (P. Coy)
11-15 nov	Seminars, conferences and journal club of previous subjects
18-22 nov	Sperm function analysis (C. Matás)
25-29 nov	25 and 26 th Sperm function analysis (C. Matás). 27-29 th Seminars and journal club of previous subjects
2-5 dec	In vitro maturation, fertilization and embryo culture (R. Romar)(6 th dec National holiday)
9-16 dec	In vitro maturation, fertilization and embryo culture (R. Romar)
17-20 dec	Seminars, conferences and journal club of previous subjects

 Second semester (period of classes from 29th January to 17th May 2020).

Week	Subject (Coordinator)
28 jan-sep	<i>Practicum</i> (minimum 6 weeks) and Master Thesis
28jan-20 marzo	Basic issues of scientific activity: methods, foundations, ethics (J. Serrano). 2 sessions per week during 7 weeks.
28 jan-1 feb	Assisted reproduction in humans (M. Mollá).(27 th Jan holiday- St. Tomas Aquino)
3-7 feb	Assisted reproduction in humans (M. Mollá)
10-14 feb	Cryopreservation of gametes and embryos (S. Ruiz)
17-21 feb	Ethical and legal aspects of the life beginning and the assisted reproduction techniques in humans (MD. Cárceles)
24-28 feb	Epigenetics in reproductive biology (S. Cánovas)
2-6 mar	Transgenesis, gene therapy, cloning and stem cells (J. Gadea)
9-13 mar	Reproductive biotechnologies and recovery of endangered species (FA. García)
16-20 mar	Cell and molecular biology techniques applied to biology of reproduction (M. Avilés); (19 th March holiday St. José)
23-27 mar	Ultrasound applications in reproductive biology (S. Ruiz)
30 mar-3 abr	Epidemiology of reproductive health (J. Mendiola)
6-19 abr	<i>Easter and Spring holidays</i>
20-24 abr	
27-30 abr	(1 st may holiday)
4 -8 may	
11-15 may	

**REPRODUCTION IN MAMMALS”
ACADEMIC COURSE 2019-20**

(Slight changes might happen once the academic course begins)

January Period (period of exams from 7th to 26th January 2020)

Exam date	Subject
7 January 2020	Morphology and function of the male reproductive system
10 January 2020	Sperm function analysis
13 January 2020	Morphology and function of the female reproductive system
15 January 2020	In vitro maturation, fertilization and embryo culture
17 January 2020	Gametes-oviduct interactions previous to fertilization
20 January 2020	Fertilization, embryo development and pregnancy
23 and 24 January 2020	Topics presentation

June Period (period of exams from 16th May to 8th June 2020)

Exam date	Subject
18 May 2020	Morphology and function of the male reproductive system
19 May 2020	In vitro maturation, fertilization and embryo culture
20 May 2020	Gametes-oviduct interactions previous to fertilization
21 May 2020	Sperm function analysis
22 May 2020	Fertilization, embryo development and pregnancy
22 May 2020	Basic issues of scientific activity: methods, foundations, ethics
25 May 2020	Morphology and function of the female reproductive system
26 May 2020	Epidemiology of reproductive health
28 May 2020	Ethic and legal aspects of the life beginning and the assisted reproduction techniques in humans
29 May 2020	Reproductive biotechnologies and recovery of endangered species
1 June 2020	Ultrasound applications in reproductive biology
2 June 2020	Cell and molecular biology techniques applied to biology of reproduction
3 June 2020	Cryopreservation of gametes and embryos
4 June 2020	Assisted reproduction in humans
5 June 2020	Transgenesis, gene therapy, cloning and stem cells
8 June 2020	Epigenetics in reproductive biology

July Period (period of exams from 29th June to 14th July 2020)

Exam date	Subject
29 June 2020	Ultrasound applications in reproductive biology
30 June 2020	Morphology and function of the male reproductive system
1 July 2020	Basic issues of scientific activity: methods, foundations, ethics
1 July 2020	Morphology and function of the female reproductive system
2 July 2020	Assisted reproduction in humans
3 July 2020	Gametes-oviduct interactions previous to fertilization
3 July 2020	Reproductive biotechnologies and recovery of endangered species
6 July 2020	Sperm function analysis
7 July 2020	Epidemiology of reproductive health
7 July 2020	Fertilization, embryo development and pregnancy
8 July 2020	Cell and molecular biology techniques applied to biology of reproduction
9 July 2020	In vitro maturation, fertilization and embryo culture
10 July 2020	Cryopreservation of gametes and embryos
13 July 2020	Ethic and legal aspects of the life beginning and the assisted reproduction techniques in humans
13 July 2020	Transgenesis, gene therapy, cloning and stem cells
14 July 2020	Epigenetics in reproductive biology

MASTER THESIS DEFENCE: 20rd and 24st July 2020 (*only for students who pass all subjects in June*); 7th to 11th September 2020.