

BIOLOGY DEGREE

Institutional Accreditation



ECTS CREDITS	
Basic training (FB)	66
Compulsory (OB)	114
Optional (OP)	48
End-of-degree Project (TFG)	12
Total	240

Centre ([see](#))



CLICK ON THE CODE OF EACH SUBJECT TO ACCESS THE COURSE HANDBOOK

FIRST YEAR

Code	Subject	Credits	Type	Semester
16300	PHYSICS	9	FB	Annual
16302	CHEMISTRY	12	FB	Annual
16303	GEOLOGY	9	FB	Annual
16304	ZOOLOGY	12	OB	Annual
16305	APPLIED CELL BIOLOGY	12	FB	Annual
16301	MATHEMATICS	6	FB	1

SECOND YEAR

Code	Subject	Credits	Type	Semester
16308	BOTANY	12	OB	Annual
16309	MICROBIOLOGY	12	OB	Annual
16310	BIOCHEMISTRY	12	FB	Annual
16306	STATISTICS	6	FB	1
16311	HISTORY OF BIOLOGY AND EVOLUTION	6	OB	1
16307	DATA ANALYSIS	6	OB	2
	OPTIONAL SUBJECT	6	OP	2

THIRD YEAR

Code	Subject	Credits	Type	Semester
16312	ANIMAL PHYSIOLOGY	12	OB	Annual
16313	PLANT PHYSIOLOGY	12	OB	Annual
16314	ECOLOGY	12	OB	Annual

Code	Subject	Credits	Type	Semester
<u>16315</u>	GENETICS	12	OB	Annual
<u>16316</u>	ADVANCED LABORATORY	6	OB	Annual
	OPTIONAL SUBJECT	6	OP	1

FOURTH YEAR

Code	Subject	Credits	Type	Semester
<u>16317</u>	END-OF-DEGREE PROJECT	12	TFG	Annual
<u>16319</u>	INTEGRATED LABORATORY	6	OB	Annual
<u>16318</u>	PROJECT DESIGN AND MANAGEMENT	6	OB	1
	OPTIONAL SUBJECTS	36	OP	1 or 2

OPTIONAL SUBJECTS

Code	Subject	Credits	Type	Semester
<u>16320</u>	APPLIED CELL BIOLOGY ³	6	OP	1
<u>16323</u>	HUMAN POPULATIONS BIOLOGY ²	6	OP	1
<u>16325</u>	HUMAN ECOLOGY ¹	6	OP	1
<u>16330</u>	ENVIRONMENTAL ASSESSMENT ¹	6	OP	1
<u>16332</u>	ENVIRONMENTAL PLANT PHYSIOLOGY ^{1 2 3}	6	OP	1
<u>16334</u>	EVOLUTIONARY GENETICS ^{2 3}	6	OP	1
<u>16335</u>	MOLECULAR GENETICS ³	6	OP	1
<u>16336</u>	PLANT GEOGRAPHY ^{1 2}	6	OP	1
<u>16337</u>	IMMUNOLOGY ³	6	OP	1
<u>16338</u>	IBERIAN FLORA ²	6	OP	1
<u>16339</u>	LIMNOLOGY ¹	6	OP	1
<u>16344</u>	PALEOZOOLOGY ²	6	OP	1
<u>16346</u>	APPLIED ZOOLOGY ²	6	OP	1
<u>16321</u>	CONSERVATION BIOLOGY ^{1 2}	6	OP	2
<u>16322</u>	BEHAVIORAL BIOLOGY	6	OP	2
<u>16324</u>	APPLIED PLANT BIOLOGY ²	6	OP	2
<u>16326</u>	MICROBIAL ECOLOGY ¹	6	OP	2
<u>16327</u>	ECOLOGY OF NATURAL RESOURCES ¹	6	OP	2
<u>16328</u>	EDAPHOLOGY	6	OP	2
<u>16329</u>	PRINCIPLES OF EMBRYOLOGY	6	OP	2
<u>16331</u>	ENVIRONMENTAL ANIMAL PHYSIOLOGY ^{1 2 3}	6	OP	2
<u>16333</u>	PRINCIPLES OF ANTHROPOLOGY	6	OP	2
<u>16340</u>	MOLECULAR NEUROBIOLOGY ³	6	OP	2
<u>16341</u>	COMPARATIVE NEUROPHYSIOLOGY ^{2 3}	6	OP	2
<u>16342</u>	GENOMES ORGANIZATION AND FUNCTION ³	6	OP	2
<u>16343</u>	PALEOBIOLOGY	6	OP	2
<u>16345</u>	ENVIRONMENTAL SYSTEMS ¹	6	OP	2
<u>16347</u>	EXTERNAL PRACTICAL ^{1 2 3}	6	OP	1 or 2

The numbered optional subjects are given in the third and fourth courses. The number is in reference with a concrete learning route, but at least some of the optional subjects can be given in several routes. It is not compulsory to follow just a concrete learning route.

LEARNING ROUTES:

1. ECOLOGY
2. EVOLUTIONARY BIOLOGY AND BIODIVERSITY
3. CELL BIOLOGY AND GENETICS

CENTRE

Faculty of Sciences

C/ Darwin, 2

Campus de Cantoblanco

28049 – Madrid

Phone: +34 914978264

[Web page](#) ↗