

SCIENCES DEGREE

Centre (see)	ECTS CREDITS	
	Basic training (FB)	72
	Compulsory (OB)	42
	Optional (OP)	114
	End-of-degree Project (TFG)	12
Total		240



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

FIRST YEAR

1st semester: UAM

Code	Subject	Credits	Type	Semester
19642	SCIENCE AND SOCIETY IN THE XXI CENTURY	6	OB	1
19643	CALCULUS	6	FB	1
19644	GENERAL CHEMISTRY	6	FB	1
19645	BIOLOGY	6	FB	1
19646	GEOLOGY	6	FB	1

2nd semester: UC3M

Code	Subject	Credits	Type	Semester
19647	LOGIC AND PHILOSOPHY OF SCIENCE	6	OB	2
19648	ALGEBRA	6	FB	2
19649	MECHANICS AND THERMODYNAMICS	6	FB	2
19650	ORGANIC CHEMISTRY	6	FB	2
19651	COMPUTER TECHNIQUES AND DATABASES	6	FB	2

SECOND YEAR

1st semester: UAB

Code	Subject	Credits	Type	Semester
19652	SCIENCE COMMUNICATION AND DISSEMINATION	6	OB	1
19653	DIFFERENTIAL EQUATIONS	6	FB	1
19654	ELECTRICITY, ELECTROMAGNETISM AND OPTICS	6	FB	1
19655	BIOLOGY OF ORGANISM AND SYSTEMS	6	FB	1
19656	ENVIRONMENTAL GEOLOGY	6	FB	1

2nd semester: UAB - UAM - UC3M

Code	Subject	Credits	Type	Semester
<u>19657</u>	HISTORY OF SCIENCE	6	OB	2
<u>19658</u>	STATISTICS	6	OB	2
<u>19659</u>	BIOCHEMISTRY	6	OB	2
	ELECTIVE SUBJECT TYPE A	6	OP	2
	ELECTIVE SUBJECT TYPE A	6	OP	2

THIRD YEAR: UAB-UAM-UC3M

Code	Subject	Credits	Type	Semester
	ELECTIVE SUBJECT TYPE B	30	OP	1
	ELECTIVE SUBJECT TYPE B	30	OP	2

FOURTH YEAR: UAB-UAM-UC3M

Code	Subject	Credits	Type	Semester
<u>19660</u>	MANAGEMENT AND ASSESSMENT OF SCIENCE	6	OB	1
	ELECTIVE SUBJECT TYPE B	24	OP	1
	ELECTIVE SUBJECT TYPE B	18	OP	2
<u>19661</u>	FINAL DEGREE PROJECT	12	TFG	2

ELECTIVE SUBJECTS A OUT OF SPECIALTY MINOR

Code	Subject	Credits	Type	Semester
<u>19662</u>	MODERN PHYSICS (UC3M)	6	OP	2
<u>19663</u>	GENES AND ENVIRONMENT (UAM; UAB)	6	OP	2
<u>19664</u>	MODELIZATION (UAB)	6	OP	2
<u>19672</u>	MATERIALS SCIENCE (UC3M; UAB)	6	OP	2
<u>19683</u>	SETS AND NUMBERS (UAM)	6	OP	2

ELECTIVE SUBJECTS B OUT OF SPECIALTY MINOR

Code	Subject	Credits	Type	Semester
<u>19693</u>	PROFESSIONAL INTERNSHIPS	6	OP	2

OPTIONAL SUBJECTS

BIOSCIENCE SPECIALTY MINOR

OPTIONAL SUBJECTS A

Code	Subject	Credits	Type	Semester
<u>19662</u>	MODERN PHYSICS (UC3M)	6	OP	2
<u>19663</u>	GENES AND ENVIRONMENT (UAM; UAB)	6	OP	2

Code	Subject	Credits	Type	Semester
<u>19664</u>	MODELIZATION (UAB)	6	OP	2

OPTIONAL SUBJECTS B

Code	Subject	Credits	Type	Semester
<u>19665</u>	MOLECULAR GENETICS	6	OP	1 or 2
<u>19666</u>	BIOMACROMOLECULES	6	OP	1 or 2
<u>19667</u>	CITOLOGY AND HISTOLOGY	6	OP	1 or 2
<u>19668</u>	PHYSIOLOGY	6	OP	1 or 2
<u>19669</u>	METABOLISM	6	OP	1 or 2
<u>19670</u>	BIOPHYSICS	6	OP	1 or 2
<u>19671</u>	BIOCHEMICAL METHODOLOGY	6	OP	1

EARTH AND ENVIRONMENTAL SCIENCE SPECIALTY MINOR

OPTIONAL SUBJECTS A

Code	Subject	Credits	Type	Semester
<u>19663</u>	GENES AND ENVIRONMENT (UAM; UAB)	6	OP	2
<u>19664</u>	MODELIZATION (UAB)	6	OP	2
<u>19672</u>	MATERIALS SCIENCE (UC3M; UAB)	6	OP	2

OPTIONAL SUBJECTS B

Code	Subject	Credits	Type	Semester
<u>19675</u>	APPLIED ECOLOGY	6	OP	1 or 2
<u>19676</u>	BIOLOGICAL DIVERSITY	6	OP	1 or 2
<u>19677</u>	ENVIRONMENTAL TECHNOLOGY	6	OP	1 or 2
<u>19678</u>	ANALYSIS OF THE BIOLOGICAL MEDIUM	6	OP	1 or 2
<u>19679</u>	ANALYSIS OF THE PHYSICAL MEDIUM	6	OP	1 or 2
<u>19680</u>	NATURAL RESOURCES AND ENERGY SOURCES	6	OP	1 or 2
<u>19681</u>	GEOSCIENCES	6	OP	1 or 2

SCIENCE AND TECHNOLOGY SPECIALTY MINOR

OPTIONAL SUBJECTS A

Code	Subject	Credits	Type	Semester
<u>19662</u>	MODERN PHYSICS (UC3M)	6	OP	2
<u>19664</u>	MODELIZATION (UAB)	6	OP	2
<u>19672</u>	MATERIALS SCIENCE (UC3M; UAB)	6	OP	2
<u>19683</u>	SETS AND NUMBERS (UAM)	6	OP	2

OPTIONAL SUBJECTS B

Code	Subject	Credits	Type	Semester
<u>19687</u>	QUANTUM PHENOMENA	6	OP	1
<u>20278</u>	ENVIRONMENTAL TECHNOLOGY 1 (uc3m)	3	OP	1
<u>19686</u>	NUMERICAL METHODS	6	OP	1 or 2
<u>19688</u>	STRUCTURE OF MATTER	6	OP	1 or 2
<u>19689</u>	ENERGY TECHNOLOGY	6	OP	1 or 2
<u>19690</u>	ELECTRICAL TECHNOLOGY	6	OP	1 or 2

Code	Subject	Credits	Type	Semester
<u>20203</u>	ENVIRONMENTAL TECHNOLOGY (UAM; UAB)	6	OP	1 or 2
<u>19691</u>	ELECTRONIC TECHNOLOGY	6	OP	2
<u>20279</u>	ENVIRONMENTAL TECHNOLOGY 2 (UC3M)	3	OP	2

CENTRE

Faculty of Sciences

C/ Francisco Tomás y Valiente, 7
28049 Cantoblanco, Madrid
Teléfono: +34 914974329
[Web page](#) ↗