

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: 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 IMPLANTATION: YEAR 2022/2023

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

FOURTH YEAR: UAB-UAM-UC3M IMPLANTATION: YEAR 2023/2024

Code	Subject	Credits	Type	Semester
19660	MANAGMENT AND ASSESSMENT OF SCIENCE	6	OB	1
	ELECTIVE SUBJECT TYPE B	24	OP	1
	ELECTIVE SUBJECT TYPE B	18	OP	2
19661	FINAL DEGREE PROJECT	12	OB	2

ELECTIVE SUBJECTS A OUT OF SPECIALTY MINOR

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

OPTIONAL SUBJECTS

BIOSCIENCE SPECIALTY MINOR

OPTIONAL SUBJECTS A

Code	Subject	Credits	Type	Semester
<u>19662</u>	MODERN PHYSICS	6	OP	2
<u>19663</u>	GENES AND ENVIRONMENT	6	OP	2
<u>19664</u>	MODELIZATION	6	OP	2

OPTIONAL SUBJECTS B

Code	Subject	Credits	Type	Semester
19665	MOLECULAR GENETICS	6	OP	
19666	BIOMACROMOLECULES	6	OP	
19667	CITOLOGY AND HISTOLOGY	6	OP	
19668	PHYSIOLOGY	6	OP	
19669	METABOLISM	6	OP	
19670	BIOPHYSICS	6	OP	
19671	BIOCHEMICAL METHODOLOGY	6	OP	

EARTH AND ENVIRONMENTAL SCIENCE SPECIALTY MINOR

OPTIONAL SUBJECTS A

Code	Subject	Credits	Type	Semester
<u>19672</u>	MATERIALS SCIENCE	6	OP	2
<u>19663</u>	GENES AND ENVIRONMENT	6	OP	2
<u>19664</u>	MODELIZATION	6	OP	2

OPTIONAL SUBJECTS B

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

SCIENCE AND TECHNOLOGY SPECIALTY MINOR

OPTIONAL SUBJECTS A

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

OPTIONAL SUBJECTS B

Code	Subject	Credits	Type	Semester
19686	NUMERICAL METHODS	6	OP	
19687	QUANTUM PHENOMENA	6	OP	
19688	STRUCTURE OF MATTER	6	OP	
19689	ENERGY TECHNOLOGY	6	OP	
19690	ELECTRICAL TECHNOLOGY	6	OP	

Code	Subject	Credits	Type	Semester
19691	ELECTRONIC TECHNOLOGY	6	OP	
19677	ENVIRONMENTAL TECHNOLOGY			

ELECTIVE SUBJECTS OUT OF SPECIALTY MINOR

Code	Subject	Credits	Type	Semester
19693	PROFESSIONAL INTERNSHIPS	12	PE	2

CENTRE

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