

## SCIENCES DEGREE

### Institutional Accreditation



ECTS CREDITS	
Basic training (FB)	72
Compulsory (OB)	42
Optional (OP)	114
End-of-degree Project (TFG)	12
<b>Total</b>	<b>240</b>

Centre ([see](#))



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

### FIRST YEAR

#### 1<sup>st</sup> semester: UAM

Code	Subject	Credits	Type	Semester
<a href="#">19642</a>	SCIENCE AND SOCIETY IN THE XXI CENTURY	6	OB	1
<a href="#">19643</a>	CALCULUS	6	FB	1
<a href="#">19644</a>	GENERAL CHEMISTRY	6	FB	1
<a href="#">19645</a>	BIOLOGY	6	FB	1
<a href="#">19646</a>	GEOLOGY	6	FB	1

#### 2<sup>nd</sup> semester: UC3M

Code	Subject	Credits	Type	Semester
<a href="#">19647</a>	LOGIC AND PHILOSOPHY OF SCIENCE	6	OB	2
<a href="#">19648</a>	ALGEBRA	6	FB	2
<a href="#">19649</a>	MECHANICS AND THERMODYNAMICS	6	FB	2
<a href="#">19650</a>	ORGANIC CHEMISTRY	6	FB	2
<a href="#">19651</a>	COMPUTER TECHNIQUES AND DATABASES	6	FB	2

### SECOND YEAR

#### 1<sup>st</sup> semester: UAB

Code	Subject	Credits	Type	Semester
<a href="#">19652</a>	SCIENCE COMMUNICATION AND DISSEMINATION	6	OB	1
<a href="#">19653</a>	DIFFERENTIAL EQUATIONS	6	FB	1
<a href="#">19654</a>	ELECTRICITY, ELECTROMAGNETISM AND OPTICS	6	FB	1
<a href="#">19655</a>	BIOLOGY OF ORGANISM AND SYSTEMS	6	FB	1
<a href="#">19656</a>	ENVIRONMENTAL GEOLOGY	6	FB	1

**2<sup>nd</sup> semester: UAB - UAM - UC3M**

Code	Subject	Credits	Type	Semester
19657	HISTORY OF SCIENCE	6	OB	2
19658	STATISTICS	6	OB	2
19659	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
19660	MANAGEMENT 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	TFG	2

**ELECTIVE SUBJECTS A OUT OF SPECIALTY MINOR**

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

**ELECTIVE SUBJECTS B OUT OF SPECIALTY MINOR**

Code	Subject	Credits	Type	Semester
19693	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
<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
<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**

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[Web page](#) ↗