

Marta Viltró Romo, head of Office of Academic Secretary

Certify that:

In accordance with the information in the University's academic management computer system

Student : Ainhoa Armendariz Gayraud
 Identity card number : 53399051C
 Place of birth : Seu d'Urgell, La (Lleida)
 Date of birth : 17/12/1996

Has received official approval of the following academic experience:

Study: 3103G0415 Bachelor's degree in Chemistry

Access

University access	Year: 2015-16 Reason for entering : Adaptation Programme : Bachelor's degree in Chemistry
Programm access	Year: 2015-16 Access route: Upper Secondary School + University entrance exam and equivalent Pref: 1 Mark: 10,23 University entrance examination average mark: 7,73 Entrance exam: Universitat de Lleida - 2014 June Faculty or school: IES PERE BORRELL

Closing

06/09/2018 Programme completed

Codi	Nom	Tipus ²	Crèd./D	Convoc.	Quantificació ³
3103G00078	Fundamentals of chemistry	B	6,00	2015-16	Good 7,30 - RA
3103G04071	Complements of chemistry	B	6,00	2015-16	Good 7,30 - RA
3103G00079	Fundamentals of biology	B	6,00	2015-16	Pass 6,30 - RA
3103G00085	Mathematics	B	9,00	2015-16	Good 7,20 - RA
3103G04072	Physics	B	9,00	2015-16	Distinction 9,30 - RA
3103G00082	Integrated scientific techniques 1	B	6,00	2015-16	Good 7,10 - RA
3103G00083	Integrated scientific techniques 2	B	6,00	2015-16	Good 7,20 - RA
3103G04073	Integrated scientific techniques 3	B	6,00	2015-16	Good 7,70 - RA
3103G00084	Applied statistics	B	6,00	2015-16	Good 7,60 - RA
3103G00086	Biochemistry	OB	6,00	2015-16 February	Pass 6,30
3103G00087	Biochemistry practical lessons	OB	3,00	2015-16 February	Pass 5,80
3103G00094	Chemistry of organic compounds	OB	6,00	2015-16 June	Pass 6,70
3103G04074	Thermodynamics	OB	6,00	2015-16 June	Pass 6,90
3103G04075	Quantum chemistry and spectroscopy	OB	6,00	2015-16 June	Good 7,40
3103G04076	Elements chemistry	OB	6,00	2015-16 February	Pass 6,50
3103G04077	Introduction to experimental synthetic chemistry	OB	6,00	2015-16 June	Pass 6,00
3103G04078	Chemical engineering	OB	6,00	2015-16 February	Good 7,50
3103G04079	Experimental chemical engineering	OB	3,00	2015-16 June	Pass 5,90
3103G04080	Numerical methods	OB	3,00	2015-16 February	Good 7,10
3103G04081	Introductory analytical chemistry	OB	6,00	2015-16 February	Pass 5,50
3103G04082	Introductory analytical chemistry laboratory	OB	3,00	2015-16 June	Good 8,00
3103G04083	Chemical kinetics and molecular dynamics	OB	3,00	2016-17 February	Good 8,10
3103G04084	Electrochemistry and macromolecular chemistry	OB	3,00	2016-17 February	Pass 6,30
3103G04085	Physical chemistry experiments	OB	6,00	2016-17 February	Pass 6,90

²B=Basic, OB=Compulsory, OP=Optional, RA=Academic recognition

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Codi	Nom	Tipus ²	Crèd./D	Convoc.	Quantificació ³
3103G04086	Coordination chemistry	OB	6,00	2016-17 February	Pass 5,50
3103G04087	Advanced inorganic chemistry	OB	3,00	2016-17 June	Good 7,20
3103G04088	Organic synthetic methods	OB	6,00	2016-17 February	Pass 5,10
3103G04089	Structural elucidation of organic compounds	OB	3,00	2016-17 June	Good 7,40
3103G04090	Experimental synthetic chemistry	OB	12,00	2016-17 June	Pass 6,50
3103G04091	Instrumental analysis	OB	6,00	2016-17 February	Good 7,00
3103G04092	Advanced analytical chemistry	OB	3,00	2016-17 June	Good 7,10
3103G04093	Advanced analytical laboratory	OB	6,00	2016-17 June	Good 7,70
3103G00129	Natural products	OP	3,00	2017-18 February	Good 8,50
3103G00130	Biomolecular design	OP	3,00	2017-18 February	Good 8,00
3103G00134	Quality assurance and control	OP	3,00	2017-18 June	Good 7,20
3103G04094	Projects	OB	6,00	2017-18 February	Good 8,00
3103G04095	Case study	OB	3,00	2017-18 February	Good 8,00
3103G04096	Materials science	OB	6,00	2017-18 February	Pass 6,50
3103G04097	Graduation thesis	OB	12,00	2017-18 June	Good 7,70
3103G04098	Organometallic chemistry	OP	3,00	2017-18 February	Good 8,50
3103G04099	Heterocyclic chemistry and drug synthesis	OP	3,00	2017-18 February	Good 8,50
3103G04100	Design of organic molecules	OP	3,00	2017-18 February	Good 8,50
3103G04101	Principles of chemical reactivity	OP	3,00	2017-18 February	Good 8,50
3103G04103	Advanced structure determination	OP	3,00	2017-18 June	Good 8,40
3103G04105	Advanced instrumental analysis	OP	3,00	2017-18 June	Pass 6,60
3103G04107	Internships	OP	6,00	2017-18 June	Excellent 9,00
3100RA0111	Participation in the Prometheus programme I	RA	1,50	2017-18	Recognised cred. - RC
3100RA0112	Participation in the Prometheus programme II	RA	1,50	2017-18	Recognised cred. - RC

Global mark: 7,19 (RD 1125/2003) / 1,72 (RD 1267/94)

Local Grading System:

In the Spanish university system, each subject is graded on a scale from 0 to 10 points. Each numeric grade corresponds to a descriptive grade as follows: Fail 0 to 4,9, Pass 5 to 6,9, Good 7 to 8,9, Excellent 9 to 10, Distinction: Excellent with a special mention. To pass a subject it is necessary to get at least 5 points.

Status of the degree syllabus requirements:

● Principal sense requeriment de llengua[240,00 / 240,00]

● 1st Year

- M1. Basics of Chemistry: 12,00 / 12,00
- M2. Basics of Biology: 6,00 / 6,00
- M3. Basics of Mathematics: 9,00 / 9,00
- M4. Basics of Physics: 9,00 / 9,00
- M5. Basic Instrumental Subjects: 24,00 / 24,00

● 2nd Year

- M6. Thermodynamics: 6,00 / 6,00
- M7. Physical Chemistry: 6,00 / 6,00
- M8. Inorganic Chemistry: 6,00 / 6,00
- M9. Organic Chemistry: 6,00 / 6,00
- M10. Introduction to Experimental Synthetic Chemistry: 6,00 / 6,00
- M11. Chemical Engineering: 12,00 / 12,00
- M12. Biochemistry: 9,00 / 9,00
- M13. Analytical Chemistry: 9,00 / 9,00

● 3rd Year

- M14. Advanced Physical Chemistry: 6,00 / 6,00
- M15. Physical Chemistry Experiments: 6,00 / 6,00
- M16. Advanced Inorganic Chemistry: 9,00 / 9,00

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- M17. Advanced Organic Chemistry: 9,00 / 9,00
- M18. Experimental Synthetic Chemistry: 12,00 / 12,00
- M19. Advanced Analytical Chemistry: 9,00 / 9,00
- M20. Advanced Analytical Laboratory: 6,00 / 6,00
- **4th Year**
- M21. Projects: 9,00 / 9,00
- M22. Materials Science: 6,00 / 6,00
- M23. Bachelor Thesis: 12,00 / 12,00
- OP. Optional: 27,00 / 24,00
- **It is necessary to pass 1 of the following requirements**
 - M28. Internships: 6,00 / 6,00
 - M29. Specific Complements in Chemical Sciences: 27,00 / 6,00
- During the completion of the programme of studies it is necessary to meet the following requirements
 - OP+RA. : 36,00 / 36,00

- Objective or requirement fulfilled
 Objective or requirement with some completed credits
 Objective or requirement without any completed credits

The set of subjects and credits completed complete the requirements for obtaining the title

Has completed the programme of studies on 09/2018

Has paid the degree issuance fee on 06/09/2018

Activities accredited

Type	Name
Level B2 - French	French - DELF B2

Activities accredited

Type	Name
Level B2.1 - English	SLM UdG. English B2.1 (IV)

And, for the record, at the request of the interested party, this certificate is hereby issued.

Head of Office of Academic Secretary

Girona, 12 March 2019



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