

PERSONAL ACADEMIC RECORD CERTIFICATE

I, ARESATZ USOBIAGA EPELDE
 University Registrar
 of the Faculty of Science and Technology
DO HEREBY CERTIFY that

BORJA VARONA URIARTE, holder of ID card N. 21046215L, who entered

this University

previous studies: Upper secondary with entrance exam (LOMCE) (Natural Science)
 in ordinary session
 entrance examination: University entrance exam for upper-secondary education students (EAU) (Fase de Acceso)
 with the grade 8,946 (Pass)
 at University of the Basque Country
 in ordinary session of 2017

the studies Bachelor's Degree in Physics in the academic year 2018/19

previous studies: Upper secondary with entrance exam ()
 in ordinary session
 entrance examination: University entrance exam for upper-secondary education students (EAU) (Fase de Acceso)
 with the grade 8,946 (Pass)
 at University of the Basque Country
 in ordinary session of 2017

the Faculty of Science and Technology in the academic year 2018/19,
on the course leading to the Bachelor's Degree in Physics,
under a syllabus approved on 20/12/2010 and published in the Spanish Official Gazette on 31/01/2011,

previous studies: Upper secondary with entrance exam (LOMCE) (Ciencias)
 with the grade 9,16 (Excellent)
 in ordinary session of 2017
 entrance examination: University entrance exam for upper-secondary education students (EAU) (Fase de Acceso)
 with the grade 8,946 (Pass)
 at University of the Basque Country
 in ordinary session of 2017

Has the following academic record:

SUBJECT NAME	UNIV.	NO. OF CREDITS	TYPE	DATE	EXAM SESSION	GRADE	MARK	SESSION
First year								
Chemistry I	UPV/ EHU	6,00	D	2018/10/01	October	Recognised	7,40	1
Recognised as equivalent to "Chemistry I"								
Chemistry II	UPV/ EHU	6,00	D	2019/07/04	July	Pass	5,50	1 B
Differential and Integral Calculus I	UPV/ EHU	12,00	D	2018/10/01	October	Recognised	6,80	1
Recognised as equivalent to "Differential and Integral Calculus I"								
Experimental Techniques I	UPV/ EHU	6,00	D	2018/10/01	October	Recognised	7,50	1
Recognised as equivalent to "Experimental Techniques I"								
General Physics	UPV/ EHU	12,00	D	2018/10/01	October	Recognised	6,30	1
Recognised as equivalent to "General Physics"								
Introduction to Computation	UPV/ EHU	6,00	S	2018/10/01	October	Recognised	6,40	1
Recognised as equivalent to "Introduction to Computation"								
Linear Algebra and Geometry I	UPV/ EHU	12,00	D	2018/10/01	October	Recognised	7,90	1
Recognised as equivalent to "Linear Algebra and Geometry I"								
Second year								
Electromagnetism I	UPV/ EHU	6,00	O	2020/02/07	January	Pass	5,00	2 B
Electronics	UPV/ EHU	6,00	O	2019/02/08	January	Good	7,90	1 B
Experimental Techniques I I	UPV/ EHU	6,00	O	2019/06/13	May	Good	8,60	1 B
Mathematical Methods	UPV/ EHU	12,00	O	2019/06/05	May	Pass	6,00	1 B
Mechanics and Waves	UPV/ EHU	15,00	O	2019/07/15	July	Pass	5,00	1 B
Modern Physics	UPV/ EHU	6,00	O	2019/06/13	May	Good	7,80	1 B
Vector and Complex Analysis	UPV/ EHU	9,00	O	2019/06/12	May	Good	8,30	1 B
Third year								



Authenticity verifiable by Secure Verification Code LZNA846WR7KDKHGV at <https://gestion.ehu.es/egoitza/dokumentu-egiaztatzailea>.

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ID card 21046215L

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SUBJECT NAME	UNIV.	NO. OF CREDITS	TYPE	DATE	EXAM SESSION	GRADE	MARK	SESSION
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Third year

Astrophysics	UPV/ EHU	6,00	P	2020/06/09	May	Good	7,30	1
Computational Methods	UPV/ EHU	9,00	O	2020/06/11	May	Good	8,10	1 B
Electromagnetism II	UPV/ EHU	6,00	O	2020/01/31	January	Pass	5,00	1 B
Experimental Techniques III	UPV/ EHU	9,00	O	2020/06/13	May	Good	7,60	1 B
Optics	UPV/ EHU	6,00	O	2021/02/10	January	Pass	5,80	2 B
Quantum Physics	UPV/ EHU	12,00	O	2020/06/12	May	Pass	6,50	1 B
Statistical Physics & Thermodynamics	UPV/ EHU	12,00	O	2020/06/08	May	Pass	5,00	1 B

Fourth year

Electrodynamics	UPV/ EHU	6,00	P	2021/01/26	January	Pass	6,90	1 B
Gravity and Cosmology	UPV/ EHU	6,00	P		May	Enrolled		0 B
Nuclear & Particle Physics	UPV/ EHU	6,00	O		May	Enrolled		0 B
Physics of Continuous Media	UPV/ EHU	6,00	P		May	Enrolled		0
Quantum Mechanics	UPV/ EHU	6,00	P	2021/02/02	January	Pass	6,50	1 B
Solid State Physics I	UPV/ EHU	6,00	O	2021/01/19	January	Good	8,00	1 B
Structural Properties of Solids	UPV/ EHU	6,00	P	2021/01/19	January	Good	8,30	1 E
Themes of Physics	UPV/ EHU	6,00	P		May	Enrolled		0

* **Type:** D=Basic area-subject S=Basic from other areas O=Compulsory P=Elective Y=Final year project

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SUMMARY OF CREDITS

TYPE OF SUBJECT	CREDITS REQUIRED	PENDING CREDITS
Basic area-subject	54	0
Basic from other areas	6	0
Compulsory	126	6
Elective	42	18
Final year project	12	12
TOTAL	240	36

GRADE AVERAGE:

Out of 10: **6,75 (Pass)**

TRANSFERS

Bachelor's Degree in Electronic Engineering (University of the Basque Country)

SUBJECT / ACTIVITY	NO. OF CREDITS	TYPE	GRADE	MARK	YEAR	DATE
Chemistry I	6,00	D	Good	7,40	2017/18	2018/02/12
Introduction to Computation	6,00	D	Pass	6,40	2017/18	2018/03/05
Experimental Techniques I	6,00	D	Good	7,50	2017/18	2018/06/13
General Physics	12,00	D	Pass	6,30	2017/18	2018/06/15
Differential and Integral Calculus I	12,00	D	Pass	6,80	2017/18	2018/06/18
Linear Algebra and Geometry I	12,00	D	Good	7,90	2017/18	2018/06/18



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TRANSFERS

Bachelor's Degree in Electronic Engineering (University of the Basque Country)

SUBJECT / ACTIVITY	NO. OF CREDITS	TYPE	GRADE	MARK	YEAR	DATE
Foundations of Programming	6,00	D	Pass	6,10	2017/18	2018/06/22

So that this may be placed on record, I issue this certificate.

In Leioa, April 13, 2021

General Secretariat

In the Spanish university system, each subject is graded on a scale from 0 to 10 points. Each numeric grade corresponds to a quality grade as follows: Failed: 0 - 4,9, Pass: 5 - 6,9, Good: 7 - 8,9, Excellent: 9 - 10, Honours means getting excellent plus a special mention. To pass a subject is necessary to get at least 5 points.

In accordance with the provisions of the rules for permanence approved by the social council of the University of the Basque Country, as from academic year 2005/06, grade "examination not taken" does not use up a sitting. The previous regulation in force from 1993/94, under which four "examination not taken" grades counted as one sitting is therefore null and void.

The subjects appearing in this document have been taken in the languages indicated in the following nomenclature:

G: German, B: Basque, F: French, E: English

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