



UNIVERSIDAD COMPLUTENSE DE MADRID
FACULTAD DE CIENCIAS FÍSICAS

ACADEMIC TRANSCRIPT OF RECORDS CERTIFICATE

Transcript of records of: Pablo Lechón Alonso NIF: 44434862N

Studies: GRADO EN FÍSICA

ISCED Area: Physics

OSG: June 21th, 2010 ECTS: 240.0

UNIVERSITY ACCESS TEST: J 2013-14 UNIVERSIDAD COMPLUTENSE DE MADRID 9.104

Admission to the curriculum of: 2014-15 Type of admission: Admission grade: 13.104

Credits earned and recognised						
Type	Subject	Grade	ECTS	Session	Notes	
First year						
FB	PHYSICS FUNDAMENTALS I	6.2 AP	9	2014-15	F	
FB	PHYSICS FUNDAMENTALS II	8.3 NT	9	2014-15	J	
FB	MATHEMATICS	8.2 NT	9	2014-15	F	
FB	CALCULUS	8.0 NT	7.5	2014-15	J	
FB	ALGEBRA	8.2 NT	7.5	2014-15	J	
FB	CHEMISTRY	9.5 MH	6	2014-15	F	
FB	SCIENTIFIC COMPUTER LABORATORY	7.5 NT	6	2014-15	F	
FB	PHYSICS LABORATORY I	9.0 SB	6	2014-15	J	
Second year						
OB	CLASSICAL MECHANICS	9.0 SB	7.5	2015-16	F	
OB	THERMODYNAMICS	7.3 NT	7.5	2015-16	F	
OB	OPTICS	8.0 NT	7.5	2015-16	J	
OB	ELECTROMAGNETISM I	7.4 NT	6	2015-16	F	
OB	ELECTROMAGNETISM II	7.7 NT	6	2015-16	J	
OB	QUANTUM PHYSICS I	7.3 NT	6	2015-16	J	
OB	MATHEMATICAL METHODS I	5.4 AP	6	2015-16	F	
OB	MATHEMATICAL METHODS II	6.4 AP	6	2015-16	J	
OB	PHYSICS LABORATORY II	9.1 SB	7.5	2015-16	J	
Third year						
OB	QUANTUM PHYSICS II	9.8 SB	6	2016-17	F	
OB	STATISTICAL PHYSICS	7.6 NT	6	2016-17	F	
OB	SOLID STATE PHYSICS	10.0 MH	6	2016-17	J	
OB	STRUCTURE OF MATTER	7.1 NT	6	2016-17	J	
OB	PHYSICS LABORATORY III	8.9 NT	6	2016-17	F	
OP	ASTROPHYSICS	7.8 NT	6	2016-17	F	
OP	NON-EQUILIBRIUM THERMODYNAMICS	7.6 NT	6	2016-17	J	
OP	QUANTUM MECHANICS	7.0 NT	6	2016-17	J	
OP	COMPUTATIONAL PHYSICS	8.2 NT	6	2017-18	F	
OP	STATISTICS AND DATA ANALYSIS	8.0 NT	6	2017-18	J	
OP	DIFFERENTIAL GEOMETRY AND TENSOR CALCULUS	6.6 AP	6	2016-17	J	
Fourth year						
OP	CREDIT EQUIVALENCE FOR PARTICIPATION IN UNIVERSITY ACTIVITIES	RC	2	2017-18	F	recognized
OP	CREDIT EQUIVALENCE FOR PARTICIPATION IN UNIVERSITY ACTIVITIES	RC	1	2017-18	F	recognized
OP	MECHANICS OF CONTINUOUS MEDIA	9.0 SB	6	2018-19	J	Mobility programme



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Type	Subject	Grade	ECTS	Session	Notes	
OP	ATOMIC AND MOLECULAR PHYSICS	8.4 NT	6	2017-18	F	Mobility programme
OP	CLASSICAL ELECTRODYNAMICS	8.5 NT	6	2018-19	J	
OP	EXTRAGALACTIC ASTROPHYSICS	7.9 NT	6	2017-18	J	
OP	OBSERVATIONAL ASTRONOMY	8.0 NT	6	2018-19	J	Mobility programme
OP	RADIATION-MATTER INTERACTION	9.0 SB	6	2017-18	F	
OP	PHASE TRANSITIONS AND CRITICAL PHENOMENA	9.8 MH	6	2017-18	J	
OP	OPTICAL COHERENCE AND LASER	8.4 NT	6	2017-18	J	
OP	DYNAMICAL SYSTEMS AND FEEDBACK	10.0 SB	6	2017-18	F	Mobility programme
OP	TRANSPORT PHENOMENA	10.0 SB	6	2018-19	J	
TF	BA THESIS	9.0 SB	6	2018-19	J	
Total credits earned and recognised:			255			
Average grade of the transcript:			8.16			

In the Spanish university system, grades are based on the points earned for each subject, in agreement with the following scale: 0-4.9 Fail (SS); 5-6.9 Pass (AP); 7-8.9 Very Good (NT); 9-10 Excellent (SB). The award of Distinction (MH) is granted to up to 5% of the enrolled students earning a grade equal to or higher than 9. Recognition (RC): ungraded, does not count for scale; Work Experience (EL): ungraded, does not count for scale.

Subjects completed on a mobility programme

University: UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL				
Subject	Grade	Credits	Academic Year	
FLUID DYNAMICS	A-	3	2018-19	
ELETRODINÁMICA CLÁSICA	B+	3	2018-19	
BIOLOGICAL PHYSICS	A	3	2018-19	
OBSERVATIONAL ASTRONOMY	B	3	2018-19	

Summary of credits

Type of subject	Credits required	Credits passed	Credits recognised	Credits pending	Credits enrolled
FB - CORE	60.0	60.0		0.0	0.0
OB - COMPULSORY	90.0	90.0		0.0	0.0
OP - OPTIONAL	84.0	99.0		0.0	0.0
TF - END OF DEGREE PROJECT	6.0	6.0		0.0	0.0
Total	240.0	255.0	3.0	0.0	0.0

Credits completed in Training Activities

Subject	Grade	Credits	Session
COURSE DETECTION AND PREVENTION OF THE MACHIST VIOLENCE IN THE UNIVERSITY	RC	1	2017-18
COURSE: EQUALITY OF GENDER AND NEW SOCIAL MODELS OF WOMEN AND MEN	RC	2	2017-18

The concerned party has completed the studies in the session of June of 2019. Has made: FUNDAMENTAL PHYSICS TRACK.



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The concerned party has passed all of the subjects that constitute the diploma of Graduado en Física, .

Mr. LUCAS PÉREZ GARCÍA, Academic Secretary from the Facultad de Ciencias Físicas, CERTIFIES that the data above are true.
This Certificate is issued on 3 pages at the request of the concerned party.

In MADRID, on July 15th, 2019.

Academic Secretary

Head of Center Administration Office

LUCAS PÉREZ GARCÍA



FACULTAD DE CIENCIAS FÍSICAS
SECRETARIA

CRISTINA FERNÁNDEZ GONZÁLEZ



UNIVERSIDAD COMPLUTENSE DE MADRID

Centro: Facultad de Ciencias Físicas

Plan: GRADO EN FÍSICA

Núm. exp: F16831

Núm. Órd.: 2952

Año acad: 2019-20

N.I.F./N.I.E.: 44434862N

Alumna: PABLO LECHÓN ALONSO

CONCEPTOS			
Concepto	Cant.	lp. unt.	Total
ABONO TÍTULO DE GRADO.	1.00	154.32	154.32

TOTAL	
Importe total	154.32

PAGO						
Pago	Referencia	Importe	Emisión	Vencimiento	Cobro	Cuenta bancaria alumno/a
1	*****661974	154.32	09-07-19	24-07-19		

Entidades colaboradoras: Banco Santander y Bankia.

El único documento válido para efectuar el ingreso y su mecanización por la Entidad colaboradora es el presente "Recibo de Liquidación".

MADRID, 9 de julio de 2019

De los dos ejemplares adjuntos, uno será para la Entidad Colaboradora y otro para el alumno/a.

Emisora: 02818014	Sufijo: 501	Ref: 2019436661974	Ident: 250719	Importe: 154.32
 9050702818014501201943666197425071900000154320				

Ejemplar para el Alumno/a



FACULTAD DE CIENCIAS FÍSICAS

La Secretaría del Centro acredita que el/la solicitante ha superado en esta Universidad los estudios conducentes al Título Universitario Oficial cuyos derechos de expedición han sido abonados.

Madrid, 15 de JULIO de 2019
EL / LA FUNCIONARIO



FACULTAD DE CIENCIAS FÍSICAS
SECRETARÍA

Banco Santander, S.A.

15 JUL. 2019

0049 - 2196 - Complutense, S-N
MADRID



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DESCRIPCION DEL TITULO

GRUADO EN FÍSICA