

ACADEMIC TRANSCRIPT

Page 1 of 2
November 26, 2018

STUDENT: BURBANO ALDANA IVAN MAURICIO **CODE:** 201423205
LEVEL: UNDERGRADUATE **ID:** NATIONAL CITIZEN CARD 1019126827
PROGRAM: PHYSICS **FACULTY:** SCIENCES
DEGREE OBTAINED: **GRADUATION DATE:**
 • PHYSICIST • 23/03/2018

201420 SECOND SEMESTER 2014

Program: Physics

Code	COURSE TITLE	Credits	Grade
FISI 1002	INTRODUCTION TO PHYSICS	1	A
FISI 1018	PHYSICS I	3	5.00
FISI 1019	EXPERIMENTAL PHYSICS I	1	5.00
HIST1605A	HISTORY OF SCIENCE (TYPE E)	3	4.15
ISIS 1204	OBJECT ORIENTED ALGORITHMICS AND PROGRAMMING	3	5.00
LITE1611	SPANISH	3	4.42
MATE 1204	DIFFERENTIAL CALCULUS (HONORS)	3	4.65
MUSI 1125A	HISTORY OF JAZZ	3	4.40
Approved Credits: 20 Semester average: 4.62			

201510 FIRST SEMESTER 2015

Program: Physics

Code	Course Name	Credits	Grade
DERE 1300	CONSTITUTION AND DEMOCRACY	3	4.51
FISI 1006A	PHYSICS TO TRAVEL TO THE STARS	3	4.70
FISI 1028	PHYSICS II	3	5.00
FISI 1029	EXPERIMENTAL PHYSICS II	1	4.80
FISI 2026	COMPUTATIONAL TOOLS IN SCIENCES	1	4.80
MATE 1102	STRUCTURAL MATHEMATICS	3	4.89
MATE 1106	LINEAR ALGEBRA 1 (HONORS)	3	5.00
MATE 1215	INTEGRAL CALCULUS WITH DIFFERENTIAL EQUATIONS (HONORS)	3	4.20
MBIO 1100	CELLULAR BIOLOGY - THEORY	3	4.25
Approved Credits: 23 Semester average: 4.66			

201520 SECOND SEMESTER 2015

Program: Physics

Code	Course Title	Credits	Grade
CISO 1622B	SEX CULTURE AND SOCIETY (TYPE E)	3	4.60
FISI 1038	WAVES AND FLUIDS	3	5.00
FISI 1039	WAVES AND FLUIDS LAB	1	4.90
FISI 1048	MODERN PHYSICS	3	4.92
FISI 1049	MODERN PHYSICS LAB	3	5.00
LENG 2999	ENGLISH READING REQUIREMENT	0	A
MATE 1107	LINEAR ALGEBRA 2	3	5.00
MATE 1207	VECTOR CALCULUS	3	5.00
MUSI 1101B	BLUES AND ROCK APPRECIATION	3	4.50
QUIM 1103	CHEMISTRY	3	4.51
Approved Credits: 25 Semester average: 4.81			

201610 FIRST SEMESTER 2016

Program: Physics

Code	Course Title	Credits	Grade
FISI 1860	ELECTRONICS	3	4.80
FISI 2040	THERMODYNAMICS	3	5.00
FISI 2405	MECHANICS	3	4.90
LENG 1301	GERMAN 1	3	4.00
MATE 2101	ABSTRACT ALGEBRA 1	3	5.00
MATE 2201	ANALYSIS 1	3	4.90
MATE 2301	DIFFERENTIAL EQUATIONS	3	4.39
Approved Credits: 21 Semester average: 4.71			

Records and Admission Office NIT 860.007.386-1

Calle 18A # 0-33 East Building E Telephone [571] 339 4949 /99 Ext. 2216 Fax [571] 332 4469

ZIP CODE 4976 – <http://registro.uniandes.edu.co> - Bogota, D.C. – Colombia

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GENERAL INFORMATION

A Credit is equivalent to 48 hours of academic work

NUMERIC GRADES

The numeric grading scale of “Universidad de los Andes” is the following:

THREE (3) is the minimum passing grade.

FIVE (5.00)- FOUR POINT FIVE (4.50)	EXCELLENT
FOUR FORTY-NINE (4.49)- FOUR (4.00)	VERY GOOD
THREE POINT NINETY-NINE (3.99) – THREE POINT FIVE (3.50)	GOOD
THREE POINT FORTY-NINE (3.49) – THREE (3.00)	SATISFACTORY
TWO POINT NINETY-NINE (2.99)- TWO (2.00)	DEFICIENT
ONE POINT NINETY-NINE (1.99) – ONE POINT FIVE (1.50)	BAD
ONE POINT FIVE (1.50)	MINIMUM

ALPHABETIC GRADES:

Credits of courses that are graduation requirements, as per the academic program, shall not be taken into account for semester and general average calculation purposes.

APPROVED (A)

FAILED (F)

SPECIAL NOTES

I- INCOMPLETE:	The student has not been able to fulfill the requirements of the course due to justified reasons
IT- TOTALLY INCOMPLETE:	The student has not been able to meet the requirements of all courses in which he is enrolled
P- PENDING:	The student has to present the final test in order to complete the course and such test cannot be carried out on established date, or a grade cannot be assigned before a specific term
PE- SPECIAL PENDING:	It is applied to students whose graduation project is in progress or that has not been completed in the initially established semester
PD – DISCIPLINARY	It is applied to those students involved in a disciplinary process
PENDING:	
TR – TRANSFERRED:	It is applied to equivalent courses attended at other institutions

SPECIAL PROGRAMS

DOUBLE PROGRAM: A student may be enrolled in two programs of the same academic level (Bachelor, Specialization, Master).

ACADEMIC TRANSCRIPT

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November 26, 2018

STUDENT: BURBANO ALDANA IVAN MAURICIO **CODE:** 201423205
LEVEL: UNDERGRADUATE **ID:** NATIONAL CITIZEN CARD 1019126827
PROGRAM: PHYSICS **FACULTY:** SCIENCES
DEGREE OBTAINED: **GRADUATION DATE:**
 • PHYSICIST • 23/03/2018

201620 SECOND SEMESTER 2016

Program: Physics

Code	Course Title	Credits	Grade
FISI 1003	PHYSICS COLLOQUIUM 1	1	4.80
FISI 2007	MATHEMATICAL METHODS	3	5.00
FISI 2051	INTERMEDIATE LAB	3	4.66
FISI 2432	ELECTROMAGNETISM 1	3	4.81
FISI 3000	PHYSICS TEACHING PRACTICE	3	4.40
LENG 1302	GERMAN 2	3	4.22
MATE 3420	TOPOLOGY I	3	4.50
MATE 4220	MEASURE AND INTEGRATION	3	4.70
Approved Credits: 22 Semester average: 4.62			

201710 FIRST SEMESTER 2017

Program: Physics

Code	Course Title	Credits	Grade
FISI 1005	PHYSICS COLLOQUIUM 2	1	4.90
FISI 1907B	PLANETARY ASTRONOMY	3	5.00
FISI 2028	COMPUTATIONAL METHODS IN SCIENCES	3	5.00
FISI 2029	COMPUTATIONAL METHODS LAB	1	5.00
FISI 2350	ATOMIC AND MOLECULAR PHYSICS	3	5.00
FISI 3010	QUANTUM MECHANICS I	3	5.00
FISI 3011	THEORETICAL PHYSICS SEMINAR	1	5.00
FISI 3040	STATISTICAL PHYSICS	3	5.00
FISI 3434	ELECTROMAGNETISM 2	3	5.00
LENG 1303	GERMAN 3	3	4.33
LENG 3999	FOREIGN LANGUAGE REQUIREMENT	0	A
Approved Credits: 24 Semester average: 4.91			

201720 SECOND SEMESTER 2017

Program: Physics

Code	Course Title	Credits	Grade
FISI 3005	GROUP THEORY IN QUANTUM MECHANICS	3	5.00
FISI 3020	QUANTUM MECHANICS II	3	4.60
FISI 3090	GENERAL RELATIVITY AND COSMOLOGY	4	4.50
FISI 3098	MONOGRAPH	3	4.80
FISI 3152	PARTICLE PHYSICS	3	5.00
FISI 3760	SOLID STATE PHYSICS	3	4.40
MATE 3422	ALGEBRAIC TOPOLOGY	3	4.60
Approved Credits: 22		Semester average: 4.69	

END OF ACADEMIC PERIODS

ACCUMULATED TOTALS:

Attempted Credits: 157

Approved Credits: 157

Transferred Credits: 0

Average: 4.72

[Signature Appears]

[Raised Seal - Universidad de los Andes]

Records and Admission Office

THIS CERTIFICATE IS VALID ONLY IF BEARING UNIVERSITY'S AUTHORIZED SIGNATURE AND RAISED SEAL

Records and Admission Office NIT 860.007.386-1

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ZIP CODE 4976 - <http://registro.uniandes.edu.co> - Bogota, D.C. - Colombia

GENERAL INFORMATION

A Credit is equivalent to 48 hours of academic work

NUMERIC GRADES

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THREE (3) is the minimum passing grade.

FIVE (5.00)- FOUR POINT FIVE (4.50)

EXCELLENT

FOUR FORTY-NINE (4.49)- FOUR (4.00)

VERY GOOD

THREE POINT NINETY-NINE (3.99) – THREE POINT FIVE (3.50)	GOOD
THREE POINT FORTY-NINE (3.49) – THREE (3.00)	SATISFACTORY
TWO POINT NINETY-NINE (2.99)- TWO (2.00)	DEFICIENT
ONE POINT NINETY-NINE (1.99) – ONE POINT FIVE (1.50)	BAD
ONE POINT FIVE (1.50)	MINIMUM

ALPHABETIC GRADES:

Credits of courses that are graduation requirements, as per the academic program, shall not be taken into account for semester and general average calculation purposes.
APPROVED (A)
FAILED (F)

SPECIAL NOTES

I- INCOMPLETE:	The student has not been able to fulfill the requirements of the course due to justified reasons
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SPECIAL PROGRAMS

DOUBLE PROGRAM: A student may be enrolled in two programs of the same academic level (Bachelor, Specialization, Master).

ACADEMIC

TRANSCRIPT

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November 26,

2018

STUDENT: BURBANO ALDANA IVAN MAURICIO **CODE:** 201423205
LEVEL: MASTER'S **ID:** NATIONAL CITIZEN CARD 1019126827
PROGRAM: MASTER'S IN SCIENCES-PHYSICS **FACULTY:** SCIENCES

201810 FIRST SEMESTER 2018

Program: MASTER'S IN SCIENCE-PHYSICS

Code	COURSE TITLE	Credits	Grade
FISI 4010	ADVANCED QUANTUM MECHANICS 1	4	4.40
FISI 4040	STATISTICAL MECHANICS	4	4.10
FISI 4430	ELECTRODYNAMICS	4	5.00
Approved Credits: 12 Semester average: 4.50			

INTERNALLY VALIDATED COURSES IN THE FIRST SEMESTER 2018

Code	COURSE TITLE	Credits	Grade
FISI 3090	GENERAL RELATIVITY AND COSMOLOGY	4	4.50
Approved Credits: 4 Semester average: 4.50			

END OF ACADEMIC PERIODS

ACCUMULATED TOTALS:

Attempted Credits: 16 Approved Credits: 16

Transferred Credits: 0 Average: 4.50

[Signature Appears]

[Raised Seal - Universidad de los Andes]

Records and Admission Office

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GENERAL INFORMATION

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THREE POINT NINETY-NINE (3.99) – THREE POINT FIVE (3.50)	GOOD
THREE POINT FORTY-NINE (3.49) – THREE (3.00)	SATISFACTORY
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ONE POINT FIVE (1.50)	MINIMUM

ALPHABETIC GRADES:

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ACADEMIC TRANSCRIPT

December 20, 2018

STUDENT: BURBANO ALDANA IVAN MAURICIO **CODE:** 201423205
PROGRAM: MASTER'S IN SCIENCES-PHYSICS **LEVEL:** MASTER'S
FACULTY: SCIENCES **ID:** NATIONAL CITIZEN CARD 1019126827

COURSES TAKEN IN 201820

Code	COURSE TITLE	Credits	Grade
FISI 4013	QUANTUM FIELD THEORY SEMINAR I	3	5.00
FISI 4051	ADVANCED LABORATORY	4	4.62
FISI 4430	ANALYTICAL MECHANICS	4	4.70
LENG 4999	POSTGRADUATE LANGUAGE REQUISITE	0	A
Attempted Credits:11 Approved Credits: 11		Semester average: 4.75	

INTERNALLY VALIDATED COURSES IN THE FIRST SEMESTER 2018

Code	COURSE TITLE	Credits	Grade
FISI 3005	GROUP THEORY IN QUANTUM MECHANICS	3	5.00
MATE 4220	MEASURE AND INTEGRATION	3	4.70

This certificate is printed with 6 courses

OBSERVATIONS:

ACCUMULATED TOTALS:

Attempted Credits: 33 **Approved Credits:** 33

Transferred Credits: 0 **Average:** 4.64

Records and Admission Office - Calle 18A # 0-33 East - Building E - Bogotá D.C. Colombia
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