

ACADEMIC TRANSCRIPT

Page 1 of 1
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

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

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

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

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 4405 | 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 SECOND SEMESTER 201820

| Code | COURSE TITLE | Credits | Grade |
|---------------------|-----------------------------------|---------------------|------------------------|
| FISI 3005 | GROUP THEORY IN QUANTUM MECHANICS | 3 | 5.00 |
| MATE 4220 | MEASURE AND INTEGRATION | 3 | 4.70 |
| Attempted Credits:6 | | Approved Credits: 6 | Semester average: 4.85 |

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
Telephone (571) 3394949/99 Ext. 2220-2216 - fax (571) 3324469 - ZIP CODE 4976
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Validation code: 31256-A363B-07E64

End of page 1

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