



Jupiter - Academic Management System of the Office of Undergraduate Education
CONSOLIDATED ACADEMIC RECORD



School: 14 Institute of Astronomy, Geophysics and Atmospheric Sciences
Student: 9318463/1 - **Rodrigo Nascente Schmitt**
Course #: 1 Entry into university: Entrance Exam - Feb/2015 Current Status: Closed
Course Name: 14030 Astronomy

Personal Details
Date of birth : 09/07/1997
Birthplace : São Paulo
Brazilian official ID: SP RG 39.407.706-4
Nationality: Brazilian

Entry into university : Entrance Exam
Date of Entry : Feb/2015
Ranking : 72


Diploma Details:

Date of Graduation: 08/06/2019
Degree: Bachelor in Astronomy

Diploma issued on : 08/30/2019 Year of Completion: 2019

Institute of Astronomy, Geophysics and Atmospheric Sciences , 11/12/2019 10:36

School Address:
Rua do Matão 1226
05508-900 São Paulo-SP
Brazil


Eduardo Rodrigues Lopes
Chefe do Serviço de Graduação
Substituto
Nº Funcional 5084296



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| Code | Name of discipline | Credits | | | Activity Hours | | | Freq | Grade | Result |
|----------------------|---|----------|-----------|-------------|----------------|-----------|------------------------------|------|-------|--------|
| | | In Class | Work load | Total Hours | Intern ship | Hands -On | Cultural Scientific Academic | | | |
| 2015 First Semester | | | | | | | | | | |
| 4302111 | Physics I | 6 | | 90 | | | | 81 | 7.8 | A |
| 4302113 | Experimental Physics I | 4 | | 60 | | | | 100 | 8.0 | A |
| AGA0100 | Introduction to Astronomy I | 2 | | 30 | | | | 80 | 8.2 | A |
| AGA0501 | Physics of the Earth and the Universe | 2 | 2 | 90 | | | | 93 | 9.4 | A |
| MAT0111 | Differential and Integral Calculus I | 6 | | 90 | | | | 100 | 10.0 | A |
| MAT0112 | Vectors and Geometry | 4 | | 60 | | | | 90 | 9.4 | A |
| 2015 Second Semester | | | | | | | | | | |
| 4302112 | Physics II | 6 | | 90 | | | | 92 | 7.8 | A |
| 4302114 | Experimental Physics II | 4 | | 60 | | | | 94 | 9.5 | A |
| AGA0101 | Introduction to Astronomy II | 2 | | 30 | | | | 86 | 9.2 | A |
| MAT0121 | Differential and Integral Calculus II | 6 | | 90 | | | | 100 | 9.3 | A |
| MAT0122 | Linear Algebra I | 4 | | 60 | | | | 100 | 9.1 | A |
| 2016 First Semester | | | | | | | | | | |
| 4302211 | Physics III | 6 | | 90 | | | | 84 | 7.9 | A |
| 4302213 | Experimental Physics III | 4 | 2 | 120 | | | | 100 | 9.3 | A |
| AGA0316 | Life in a Cosmic Context | 4 | | 60 | | | | 100 | 8.5 | A |
| AGA0502 | Planets and Planetary Systems | 4 | | 60 | | | | 93 | 9.2 | A |
| MAC0115 | Introduction to Computing for Exact Sciences and Technology | 4 | | 60 | | | | 89 | 9.0 | A |
| MAT0216 | Differential and Integral Calculus III | 6 | | 90 | | | | 90 | 7.4 | A |
| 2016 Second Semester | | | | | | | | | | |
| 4302204 | Mathematical Physics I | 4 | | 60 | | | | 100 | 7.9 | A |
| 4302212 | Physics IV | 6 | | 90 | | | | 95 | 7.7 | A |
| 4302214 | Experimental Physics IV | 4 | 2 | 120 | | | | 95 | 8.0 | A |
| MAT0220 | Differential and Integral Calculus IV | 4 | | 60 | | | | 100 | 9.5 | A |
| 2017 First Semester | | | | | | | | | | |
| 4302311 | Quantum Physics | 4 | | 60 | | | | 90 | 8.5 | A |
| AGA0293 | Stellar Astrophysics | 4 | | 60 | | | | 85 | 8.8 | A |
| AGA0503 | Numerical Methods in Astronomy | 4 | | 60 | | | | 88 | 9.2 | A |
| AGA0504 | Classical Mechanics | 6 | | 90 | | | | 90 | 8.8 | A |
| 2017 Second Semester | | | | | | | | | | |
| 4302401 | Statistical Mechanics | 4 | | 60 | | | | 100 | 10.0 | A |
| 4302403 | Quantum Mechanics I | 4 | | 60 | | | | 100 | 10.0 | A |
| AGA0416 | Introduction to Cosmology | 4 | | 60 | | | | 100 | 9.6 | A |
| QFL0606 | Fundamentals of Chemistry for Physics | 6 | | 90 | | | | 100 | 6.8 | A |

2018 First Semester

Courses Taken Abroad 3 0 45

AE

Modality: Undergraduate Exchange

School: University of Notre Dame du Lac

Country: United States

Course(s): Solid Mechanics (Credits AU: 3 TR: 0)


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| | | In Class | Work load | Total Hours | Intern ship | Hands -On | Cultural Scientific Academic | | | |
| 2018 Second Semester | | | | | | | | | | |
| 4300402 | Introduction to Solid State Physics | 4 | | 60 | | | | 100 | 9.0 | A |
| 4302303 | Eletromagnetism I | 4 | | 60 | | | | 100 | 8.4 | A |
| AGA0296 | Final Term Work I | 2 | 2 | 90 | | | | 100 | 10.0 | A |
| AGA0319 | General Relativity and Astrophysical Applications | 4 | | 60 | | | | 100 | 8.5 | A |
| AGA0505 | Data Analysis in Astronomy I | 2 | | 30 | | | | | | * AE |
| AGA0521 | Orbital Maneuvers | 2 | | 30 | | | | | | * AE |
| PTC3572 | Discrete-Time Dynamics and Control | 4 | | 60 | | | | 100 | 9.0 | A |
| 2019 First Semester | | | | | | | | | | |
| 4300324 | Fluid Mechanics | 4 | | 60 | | | | 99 | 9.2 | A |
| 4300463 | Applied Physics | 4 | | 60 | | | | 70 | 8.8 | A |
| 4302306 | Mechanics II | 4 | | 60 | | | | 100 | 8.7 | A |
| 4302313 | Experimental Physics V | 4 | 2 | 120 | | | | 100 | 8.3 | A |
| AGA0298 | Final Term Work II | 2 | 2 | 90 | | | | 100 | 10.0 | A |
| AGA0299 | Galactic and Extragalactic Astrophysics | 4 | | 60 | | | | 95 | 8.5 | A |

GRAND TOTAL:

Achieved Credits: In class: 175 Workload: 12 Total: 187 Pondered Average: 8.7

Total Credits in the Course: In class: 175 Workload: 12 Total: 187

Total Credit Hours: 2985 h

Pondered average including failures: 8.7

Required credits: 178 Percentage of completion of the Course: 105.0 %

Rank in entrance group: 1º of 17

Pondered Average of All Students Enrolled in the Course: 7.0

Requirement Type of Credits Obtained:

| Course Type | In Class | Workload |
|-------------|----------|----------|
| Mandatory | 134 | 10 |
| Optional | 30 | 2 |
| Free Choice | 11 | 0 |

- Grades may range from zero to ten, and these numbers may be rounded to the nearest tenth (Rules and Regulations, article 83).

- The student whose final grade is five or higher, and whose attendance is seventy percent or higher, shall earn the applicable credits (Rules and Regulations, article 84).

- One 'In class' credit corresponds to 15 hours in a given semester, while one 'Workload' credit corresponds to 30 hours.

- This transcript of academic records is in full, showing failures and/or interruptions of study

Key for Result:

A = Approved

AE = Credit from similar course taken in another school

DI/DS = Waived

MA = Enrolled

RA = Frequency and Grade Failure

RN = Grade Failure

RF = Frequency Failure

T = Interruption of Study

P = Pending

I = Registered

IL = Registered in Waiting List

IP = Optional Course Enrollment Rejected

IR = Reserve Capacity Enrollment

IT = Registered in Full Class

Código de controle de autenticidade: IPZG-WS2I-DJQ8-AR8T

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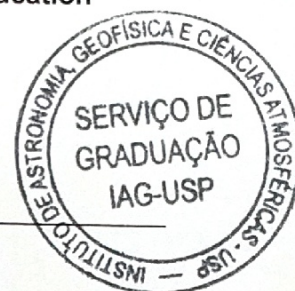
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Special Waivers

| University of Sao Paulo | Equivalent courses | Credits:In Class | Work load | Total Hours | Grade | Term |
|-------------------------|--|------------------|-----------|-------------|-------|--------|
| 4302305 Mechanics I | Classical Mechanics | 6 | 0 | | 8.8 | 2017/1 |
| | 14 Institute of Astronomy, Geophysics and Atmospheric Sciences | | | | | |

Credits from similar courses taken in a different school

| University of Sao Paulo | Equivalent courses | Credits:In Class | Work load | Total Hours | Grade | Term |
|--------------------------------------|---|------------------|-----------|-------------|-------|--------|
| AGA0505 Data Analysis in Astronomy I | Probability and Statistics | | | 3 | A | 2018/1 |
| | Statistical Analysis for Modern Astronomy | | | 3 | A | 2018/1 |
| | University of Notre Dame du Lac | | | | | |
| AGA0521 Orbital Maneuvers | Orbital and Space Dynamics | | | 3 | A | 2018/1 |
| | University of Notre Dame du Lac | | | | | |

Notes:

Course recognized by Rules and Regulations No. 384 of 30/Sep/2015, D.O.E. of 01/Oct/2015.

EM BRANCO