



UNIVERSITY OF
CALGARY

CALGARY, ALBERTA, CANADA T2N 1N4

► INFORMATION TO ASSIST IN EVALUATING
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UNIVERSITY SEAL, CERTIFIED TRUE STATEMENT OF
ACADEMIC RECORD, STUDENT IN GOOD STANDING
UNLESS OTHERWISE NOTED.

Name: Burke Brockebank
Student ID: 10135505
Birthdate: Dec 21
Print Date: 2017-08-09



REGISTRAR

Reason: Issued to Student

----- Credential Awarded -----

Credential: Bachelor of Science (Honours)
Conferral: 2017-06-05
First Class
Major: Physics

----- Awards and Scholarships -----

2013 President's Admission Scholarships
2015 Physics and Astronomy Undergraduate Scholarship
2015 University of Calgary Undergraduate Merit Awards
2016 University of Calgary General Undergraduate Scholarship

----- Beginning of Undergraduate Programs Record -----

Fall 2013

Program:	Science Bachelor Bachelor of Science (Degree Stream) Physics (Major)				
Course	Description	Attempted	Earned	Grade	Points
AMAT 217	Calculus For Engineers & Scientists	3.00	3.00	A-	11,100
CHEM 201	Found Chem: Structure & Bonding	3.00	3.00	A	12,000
ENGL 201	Approaches to Literature	3.00	3.00	B+	9,900
MATH 211	Linear Methods I	3.00	3.00	A+	12,000
PHYS 227	Classical Physics	3.00	3.00	A+	12,000
Term GPA:	3.80	15.00	15.00		57,000

Winter 2014

Program:	Science Bachelor Bachelor of Science (Degree Stream) Physics (Major)				
Course	Description	Attempted	Earned	Grade	Points
AMAT 219	Multivariable Calc for Engineers	3.00	3.00	B+	9,900
ASPH 213	Introduction To Astrophysics	3.00	3.00	B+	9,900
CPSC 217	Intro CPSC Multiscale Study I	3.00	3.00	A+	12,000
ENGL 205	Foundations: Shakespeare	3.00	3.00	B+	9,900
PHYS 255	Electromagnetic Theory I	3.00	3.00	A	12,000
Term GPA:	3.58				
	Term Totals:	15.00	15.00		53,700
Dean's List - Faculty of Science					

AMAT	433	Mathematical Methods in Phys	3.00	3.00	A+	12,000
NANS	301	Intro Nanoscience & Nanotech	3.00	3.00	A-	11,100
PHIL	379	Logic II	3.00	3.00	A+	12,000
PHYS	449	Statistical Mechanics I	3.00	3.00	A+	12,000
PHYS	455	Electromagnetic Theory II	3.00	3.00	A+	12,000
Term GPA:	3.94	Term Totals:	15.00	15.00		59,100

Program: Science Bachelor
Bachelor of Science - Honours (Degree Stream)

Winter 2016

Fall 2014

Program:	Science Bachelor Bachelor of Science (Degree Stream) Physics (Major)					
Course	Description	Attempted	Earned	Grade	Points	
AMAT 307	Differential Equations & Engineers	3.00	3.00	A	12,000	
ENGL 265	Introductory Creative Writing	3.00	3.00	A	12,000	
PHYS 341	Classical Mechanics I	3.00	3.00	A	12,000	
PHYS 375	Introduction to Optics & Waves	3.00	3.00	A+	12,000	
PHYS 397	Applied Physics Laboratory I	3.00	3.00	A	12,000	
Term GPA:	4.00	15.00	15.00			60,000

Winter 2015

Program:	Science Bachelor Bachelor of Science (Degree Stream) Physics (Major)					
Course	Description	Attempted	Earned	Grade	Points	
AMAT 309	Vector Calculus For Engineers	3.00	3.00	A	12,000	
MATH 311	Linear Methods II	3.00	3.00	A	12,000	
PHIL 279	Logic I	3.00	3.00	A+	12,000	
PHYS 325	Modern Physics	3.00	3.00	A	12,000	
PHYS 343	Classical Mechanics II	3.00	3.00	A	12,000	
Term GPA:	4.00	15.00	15.00			60,000
Dean's List - Faculty of Science						

Fall 2015

Program:	Science Bachelor Bachelor of Science - Honours (Degree Stream) Physics (Major)				
Course	Description	Attempted	Earned	Grade	Points
AMAT 433	Mathematical Methods in Phys	3.00	3.00	A+	12,000
NANS 301	Intro Nanoscience & Nanotech	3.00	3.00	A-	11,100
PHIL 379	Logic II	3.00	3.00	A+	12,000
PHYS 449	Statistical Mechanics I	3.00	3.00	A+	12,000
PHYS 455	Electromagnetic Theory II	3.00	3.00	A+	12,000
Term GPA:	3.94	15.00	15.00		59,100

Winter 2016

Program:	Science Bachelor Bachelor of Science - Honours (Degree Stream) Physics (Major)				
Course	Description	Attempted	Earned	Grade	Points
PHYS 381	Computational Physics I	3.00	3.00	A+	12,000
PHYS 443	Quantum Mechanics I	3.00	3.00	A	12,000
PHYS 451	Statistical Mechanics II	3.00	3.00	A+	12,000
PHYS 457	Electromagnetic Theory III	3.00	3.00	A+	12,000

Winter 2016

Program:	Science Bachelor Bachelor of Science - Honours (Degree Stream) Physics (Major)					
Course	Description	Attempted	Earned	Grade	Points	
PHYS 381	Computational Physics I	3.00	3.00	A+	12,000	
PHYS 443	Quantum Mechanics I	3.00	3.00	A	12,000	
PHYS 451	Statistical Mechanics II	3.00	3.00	A+	12,000	
PHYS 457	Electromagnetic Theory III	3.00	3.00	A+	12,000	



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Page 2 of 2

PHYS 497 Applied Physics Laboratory II
Term GPA: 4.00
Deans List - Faculty of Science

3.00 3.00 A+ 12.000
15.00 15.00 60.000

Fall 2016

Program: Science Bachelor
Bachelor of Science - Honours (Degree Stream)
Physics (Major)

Course	Description	Attempted	Earned	Grade	Points
PHYS 481	Computational Physics II	3.00	3.00	A+	12.000
PHYS 507	Solid State Physics	3.00	3.00	A+	12.000
PHYS 543	Quantum Mechanics II	3.00	3.00	A-	11.100
PHYS 597	Senior Physics Laboratory	3.00	3.00	A+	12.000
PHYS 598A	Honours Research Thesis	0.00	0.00	MT	
Term GPA:	3.92	12.00	12.00		47.100

Winter 2017

Program: Science Bachelor
Bachelor of Science - Honours (Degree Stream)
Physics (Major)

Course	Description	Attempted	Earned	Grade	Points
AMAT 425	Introduction To Optimization	3.00	3.00	A+	12.000
MATH 411	Linear Spaces With Applications	3.00	3.00	A	12.000
PHIL 479	Logic III	3.00	3.00	A-	11.100
PHYS 501	Special Relativity	3.00	3.00	A	12.000
PHYS 598B	Honours Research Thesis	6.00	6.00	A-	22.200
Term GPA:	3.85	18.00	18.00		69.300

----- End of Transcript -----