

Student : ***** 6560 Marcus Edwards
Program of Study : Honours Bachelor of Science

Course Registration and Description			Weight	Grade
Fall 2014	CP104	INTRO TO PROGRAMMING	0.50	A+
	CP120	DIGITAL ELECTRONICS	0.50	A+
	MA122	INTRO-LINEAR ALGEBRA	0.50	A
	PC131	MECHANICS	0.50	A+
Winter 2015	CP114	DATA STRUCTURES	0.50	A-
	MA110	INTRO: DIFFER & INTEGRAL CALC	1.00	A-
	MA121	INTRO TO MATHEMATICAL PROOFS	0.50	B-
	PC132	THERMODYNAMICS & WAVES	0.50	A+
	PS101	INTRODUCTION TO PSYCHOLOGY I	0.50	A-
Fall 2015	CP213	OBJECT-ORIENTED PROGRAMMING	0.50	C
	CP320	DIGITAL INTER. IN ANALOG WORLD	0.50	A+
	MA201	MULTIVARIABLE CALCULUS	0.50	C-
	PC212	ELECTRICITY AND MAGNETISM	0.50	A
	SC200	ENTREPRENEURSHIP IN SCIENCE	0.50	A
Winter 2016	CP216	INTRO TO MICROPROCESSORS	0.50	B
	CP217	INTRO. TO SYSTEM PROGRAMMING	0.50	A-
	PC221	ANALOG I	0.50	A
	PC237	OPTICS	0.50	A
Fall 2016	CP317	SOFTWARE ENGINEERING	0.50	A-
	CP386	OPERATING SYSTEMS	0.50	C
	ENTR300	BUSINESS MODEL CREATION	0.50	A-
	PC481	FIBRE OPTICS	0.50	A-
	ST230	PROBABILITY & STATS FOR SCI.	0.50	A-
Winter 2017	CP316	MICROPROCESSOR II	0.50	A+
	CP363	DATABASE I	0.50	C
	CP372	COMPUTER NETWORKS	0.50	A-
	MA205	DIFFERENTIAL EQUATIONS I	0.50	C+
	PC351	QUANTUM COMPUTING	0.50	A-
Spring 2017	PC491	RESEARCH PROJECT I	0.50	A+
Fall 2017	AS101	ASTRONOMY I:OUR PLACE COSMOS	0.50	C+
	CP493	DIRECTED RESEARCH PROJECT I	0.50	A+
	PC319	DIGITAL SYSTEM DESIGN	0.50	A+
	PC321	QUANTUM MECHANICS I	0.50	A-
	PC492	RESEARCH PROJECT II	0.50	A+
Winter 2018	05450W	COMPUTER ARCHITECTURE	0.50	B-

AS102	ASTRONOMY II: JOURNEY COSMOS	0.50	C+
PC331	QUANTUM MECHANICS II	0.50	A+
PC474	OPTICAL NETWORKS	0.50	A-
PC475	DESIGN OF CONTROL SYSTEMS	0.50	A

Graduate Unofficial Transcript

Name: Edwards, Marcus
Student ID: 20547711
Ontario Education Nbr: 524973526

Degrees Awarded

Degree: Master of Science
Confer Date: 07/06/2021
Physics (Quantum Information), MSc

Beginning of Graduate Record

Fall 2018

Program: Physics (Quantum Information), MSc
Attendance: Full-Time Term: 1.00 Status: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ACINTY	650	Academic Integrity Module	0.00	0.00	CR
Instructor:		Amanda McKenzie			
QIC	710	Quantum Information Processing	0.50	0.50	85
Instructor:		Jon Yard			
Term GPA		85.00			
Cumulative GPA		85.00			

Winter 2019

Program: Physics (Quantum Information), MSc
Attendance: Full-Time Term: 2.00 Status: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
QIC	750	Quantum Information Processing Devices	0.50	0.50	81
Instructor:		Christopher C.M. Wilson			
Term GPA		81.00			
Cumulative GPA		83.00			

Spring 2019

Program: Physics (Quantum Information), MSc
Attendance: Full-Time Term: 3.00 Status: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
GS	-	Continuing Graduate Studies	0.00	0.00	
Term GPA		0.00			
Cumulative GPA		83.00			

Fall 2019

Program: Physics (Quantum Information), MSc
Attendance: Full-Time Term: 4.00 Status: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
PHYS	701	Quantum Mechanics 1	0.50	0.00	NCR
Instructor:		Crystal Senko			
Term GPA		0.00			
Cumulative GPA		83.00			

Graduate Unofficial Transcript

Name: Edwards, Marcus
Student ID: 20547711
Ontario Education Nbr: 524973526

Winter 2020

Program: Physics (Quantum Information), MSc
Attendance: Full-Time Term: 5.00 Status: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
QIC	890	Topics in Quantum Information	0.50	0.50	65
Course Topic:		Applied Qtm Cryptography			
Instructor:		Norbert Lutkenhaus			

Term GPA 65.00
Cumulative GPA 77.00

Spring 2020

Program: Physics (Quantum Information), MSc
Attendance: Full-Time Term: 6.00 Status: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	649	Human-Computer Interaction	0.50	0.50	94
Instructor:		Edith Law			
		Apoorva Chauhan			

Term GPA 94.00
Cumulative GPA 81.25

Fall 2020

Program: Physics (Quantum Information), MSc
Attendance: Full-Time Term: 6.00 Status: Enrolment

Withdrawal Date: 09/28/2020

Term GPA 0.00
Cumulative GPA 81.25
Degree Completed Date: 09/28/2020

Milestones

Program: Science Master's
Academic Integrity Workshop

Status: Completed
Date Completed: 22/05/2019
Grade: CR

Master's Thesis 2.0

Status: Completed
Date Completed: 18/09/2020
Milestone Title: Towards Practical Hybrid Quantum / Classical Computing
Grade: ACC

Master's Thesis Submission

Status: Completed
Date Completed: 28/09/2020

Master's Degree Completion

Status: Completed
Date Completed: 28/09/2020

End of Graduate Unofficial Transcript



UNOFFICIAL TRANSCRIPT

Surname:
Edwards

Given Name:
Marcus

Student Number:
21533435

Date of Birth:
December 24

Date Printed:
July 09, 2025

Note: The Unofficial Transcript is an unofficial record of your UBC academic history.

UBC Credentials										
None to date										
Transfer Credits										
Credits Awarded for Doctor of Philosophy UBC Vancouver: 6.0										
2023 Summer Session										
Doctor of Philosophy (UBC Vancouver)										
Term	Course		Credit Value	Course Title	% Grade	Grade	Credit Rec'd	Class Size	Class Avg	
	EECE_V	699	(0.0)	Doctoral Dissertation		T				
2023-24 Winter Session										
Doctor of Philosophy (UBC Vancouver)										
Term	Course		Credit Value	Course Title	% Grade	Grade	Credit Rec'd	Class Size	Class Avg	
1	CPEN_V	514	(3.0)	Quantum Information and Computation	90	A+	3.0	18	87	
1	GERN_V	101	(3.0)	Learning German I	91	A+	3.0	24	82	
1-2	EECE_V	699	(0.0)	Doctoral Dissertation		T				
2	ELEC_V	542	(3.0)	Computational Quantum Methods for the Nanoscale		W				
UBC Academic Awards										
Faculty of Applied Science Graduate Award										
2024 Summer Session										
Doctor of Philosophy (UBC Vancouver)										
Term	Course		Credit Value	Course Title	% Grade	Grade	Credit Rec'd	Class Size	Class Avg	
	EECE_V	699	(0.0)	Doctoral Dissertation		T				
2024-25 Winter Session										
Doctor of Philosophy (UBC Vancouver)										
Term	Course		Credit Value	Course Title	% Grade	Grade	Credit Rec'd	Class Size	Class Avg	
1	EECE_V	571F	(3.0)	Advanced Topics in Deep Learning	92	A+	3.0	36	91	
1-2	EECE_V	699	(0.0)	Doctoral Dissertation		T				
Cumulative Totals										
Credits Earned: 9.0 Average: 91.0%										
UBC Academic Awards										
British Columbia Graduate Scholarship										
2025 Summer Session										
Doctor of Philosophy (UBC Vancouver), On Leave										

***** End of Record *****

University of Victoria
Office of the Registrar and Enrolment Management
PO Box 3025 STN CSC
Victoria BC V8W 3P2
Canada

Date Issued: 06 JAN 2025
Name: MARCUS STEPHEN EDWARDS
Student No: V01029731
Date of Birth: 24-DEC
PEN: 192413474

Issued to: MARCUS STEPHEN EDWARDS
V01029731
06-JAN-2025



Official Transcript of
Academic Record


Wendy Taylor
Registrar

Valid only if bearing the Registrar's signature and printed
on secure paper with a blue background.

Course History at the University of Victoria

SESSION	COURSE	DESCRIPTION	UNIT VALUE	GRADE	GRADE POINT	AWARDED UNITS	NOTE	COMPARATIVE MEAN	SIZE
ACADEMIC RECORD FOR GRADUATE STUDIES									
WINTER 2024-2025									
First Term: Sep - Dec 2024									
NON-DEGREE									
PHYSICS									
	PHYS	550	TOPICS CONDENSED MATTER PHYS: QUANTUM DEVICES I	1.5	93% A+	9	1.5	94%	7

-----END OF TRANSCRIPT-----



Unofficial Transcript

Student Name: Edwards, Marcus Stephen
ID Number: 301588230
Birthdate: Dec 24

Date of Issue: April 27 2025

Credentials Awarded

Beginning of Graduate Record

2025 Spring

Computer Science Graduate Exchange

Course	Description	Repeated	Units Attempted	Units Completed	Grade	Grade Points	Class Average	Class Enrollment
CMPT 981	Spec. Top. Theoretical Cmpt		3.00	3.00	A+	12.99	-	7
Course Topic: ST-Quantum Circuits								
Term Totals:				3.00		12.99		
Cumulative Totals:				3.00		12.99		
Term GPA:		4.33	Cumulative GPA:			4.33		

End of Graduate Record

--- End of Transcript ---