

Transcript of Academic Record

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Send To:

Matthew Regehr
 106-257 Hemlock Street
 Waterloo ON N2L 0K2


 Registrar

Date of Issue: 15-Nov-2021

Student Name: Matthew Troy Regehr
 (Surname last)

ID Number: 1529019

Month and Day of Birth: March 11

Degrees
Confer Date: June 25, 2021
Degree: Bachelor of Science with Honors
 Computing Science
 with First Class Honors

In the Name of: Matthew Troy Regehr

Awards

September 01, 2017 Awarded a Faculty of Science Academic Excellence Scholarship

September 01, 2017 Awarded the Patricia Siemens Science Entrance Scholarship

September 01, 2017 Awarded a Florence MacKenzie Memorial Entrance Scholarship

September 01, 2017 Awarded a Department of Mathematical Sciences Academic Excellence Scholarship

May 15, 2018 Awarded a JW Campbell Memorial Prize in Mathematics

September 01, 2019 Awarded the Faculty of Science Undergraduate Scholarship

September 01, 2019 Awarded a Max and Marjorie Ward Undergraduate Scholarship

September 01, 2019 Awarded a Dirk Snoeck Henkemans Memorial Scholarship

September 01, 2019 Awarded a Louise McKinney Post-Secondary Scholarship

May 15, 2020 Awarded a Mathukumalli Venkata Subbamma Prize

September 01, 2020 Awarded a Kao Family Eisenco Scholarship

May 30, 2021 Awarded a Gold Medal in Computing Science

May 30, 2021 Awarded a Dean's Silver Medal in Science

September, 2017: Admitted to the Faculty of Science, Bachelor of Science with Specialization program, Mathematics - Computational Science.

Fall Term 2017 BSc with Specialization
 Mathematics - Computational Science

Course	Description	Grade	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 175	INTRO TO FNDTNS OF CMPUT II	A+	3.0	3.0	12.00	2.4	61
ENGL 103	CASE STUDIES IN RESEARCH	A-	3.0	3.0	11.10	3.0	39
	Adaptations/Classic Fairy Tale						
GERM 211	INTERMEDIATE GERMAN I	A	3.0	3.0	12.00	3.1	16
MATH 117	HONORS CALCULUS I	A+	3.0	3.0	12.00	2.3	51
MATH 127	HONORS LINEAR ALGEBRA I	A+	3.0	3.0	12.00	2.5	37
	TOTALS		15.0	15.0	59.10		

Page 1 (Continued on next page)

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Course Information: Course units are assigned for the purpose of calculating a weighted (grade point) average. Normally, full courses consist of 6.0 units, include three hours of lectures per week, and are offered over two terms. A full course is represented on the transcript as two sections of the same course—section A and B. Section A of a full course is awarded a grade of IP. No weight is assigned to this section. A final grade, the corresponding weight and grade point value

are assigned to section B of the course. Half courses normally consist of 3.0 units and include three hours of instruction per week. Engineering courses have units assigned to them based on hours of instruction and may deviate from the norm.

Grade Point Average (GPA): The Grade Point Average (GPA) is a measure of a student's weighted average, obtained by dividing the total number of grade points earned by the total units of course weight attempted. Courses graded using grades of CR or NC, or from which students have withdrawn or have audited, are not calculated into the GPA. For more information, see the *University Calendar*.

Re-registration Policy: The university's re-registration policy, effective September 1988, does not normally allow students to repeat courses already passed or for which transfer credit has been granted. For more information, see the *University Calendar*.

The Letter Grading System (effective September 2003)

Course Grades Obtained by Undergraduate Students

Descriptor	Letter Grade	Grade Point Value
Excellent	A+	4.0
	A	4.0
	A-	3.7
Good	B+	3.3
	B	3.0
	B-	2.7
Satisfactory	C+	2.3
	C	2.0
	C-	1.7
Poor	D+	1.3
Minimal Pass	D	1.0
Failure	F	0.0

Course Grades Obtained by Graduate Students

Descriptor	Letter Grade	Grade Point Value
Excellent	A+	4.0
	A	4.0
	A-	3.7
Good	B+	3.3
	B	3.0
	B-	2.7
Satisfactory	C+	2.3
	C	2.0
	C-	1.7
Failure	D+	1.3
	D	1.0
	F	0.0

Other Final Grades

AE	aegrotat standing
AU	registered as an auditor
AW	registered as an auditor and withdrew
CR	completed requirements; no grade point value assigned
EX	exempt
IN	incomplete
IP	course in progress
IP*	withdrew from or failed course in progress
NC	failure, no grade point value assigned
W	withdrew with permission

Remarks

- grade includes a mark of '0' for final examination missed, or for term work missed, or both
- grade includes a mark of '0' for final examination missed, or for term work missed, or both, and deferred final examination granted
- credit withheld
- reexamination granted
- failure (assigned to failing Graduate Student grades only)
- failure, grade includes a mark of '0' for final examination missed, or for term work missed, or both (assigned to failing Graduate Student grades only)
- failure, grade includes a mark of '0' for final examination missed, or for term work missed, or both, and deferred final examination granted (assigned to failing Graduate Student grades only)
- disciplinary sanction for serious instances of inappropriate academic behavior
- failure, disciplinary sanction for serious instances of inappropriate academic behavior (assigned in the same circumstances as the remark of 8 but to failing Graduate Student grades only)

The 9-Point Grading System (before September 2003)

Course Grades Obtained by Undergraduate Students

Pass	9	Outstanding
	8	Excellent
	7	Very Good
Fail	6	Good
	5	Satisfactory
	4	Minimally acceptable
Fail	3	Unsatisfactory
	2	
	1	

Course Grades Obtained by Graduate Students

Pass	9	Excellent
	8	
	7	Good
Fail	6	Satisfactory
	5	
	4	
Fail	3	Unsatisfactory
	2	
	1	

Note: Effective September 1986, a grade of 3 is a failing grade for undergraduate students. Before September 1986, credit might be conceded by a Faculty for a grade of 3 in an individual course if warranted by a student's overall record.

Effective July 1989, a grade of 5 is a failing grade for graduate students. Before July 1989, credit might be conceded by the Faculty of Graduate Studies and Research for a grade of 4 or 5 in an individual course if warranted by a student's overall record.

Other Final Grades

AB	absent from final examination
ABF	absent from final examination, failed, results in a grade of 1
AE	aegrotat standing
AU	registered as an auditor
AW	registered as an auditor and withdrew
CR	completed requirements; no numeric grade assigned
DB	debarred from final exam
DW	did not write
EX	exempt
F	failure; no numeric grade assigned
H	pass with honors standing
IN	incomplete
INF	incomplete, failed
IP	course in progress
IP*	withdrew from or failed course in progress
RC	registration cancelled
W	withdrew with permission
WF	withdrew failing, results in a grade of 1

Remarks

- indicates missed final examination, term work missed, or both
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- credit conceded
- granted a deferred final examination
- failure
- failed, inappropriate academic behavior
- credit withheld
- granted a reexamination
- failure, supplemental granted
- student failed to complete a significant part of term work

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Student Name: Matthew Troy Regehr
(Surname last)

ID Number: 1529019

Month and Day of Birth: March 11

Registrar

Date of Issue: 15-Nov-2021

Winter Term 2018 **BSc with Specialization**
Mathematics - Computational Science

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 272	FORMAL SYSTEMS & LOGIC	A+	3.0	3.0	12.00	2.4	89
ECON 101	INTRODUCTION TO MICROECONOMICS	A+	3.0	3.0	12.00	2.8	197
GERM 212	INTERMEDIATE GERMAN II	A+	3.0	3.0	12.00	3.1	24
MATH 118	HONORS CALCULUS II	A+	3.0	3.0	12.00	2.9	24
MATH 227	HONORS LINEAR ALGEBRA II	A	3.0	3.0	12.00	2.8	20
TOTALS			15.0	15.0	60.00		

GPA: 119.10 grade points / 30.0 units taken = 4.0

First Class Standing

September, 2018: Admitted to the Faculty of Science, Bachelor of Science with Honors program, Computing Science.

September 04, 2018: Granted credit in courses (units) GERM 303 (3.00) for work completed at Saint Mary's University, Halifax, NS, 2018. Total units 3.00.

September 04, 2018: Granted credit in all courses successfully completed at this University, 2017-2018. (30.0) Total units 30.00

Fall Term 2018 **BSc Honors**
Computing Science

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 201	PRACTICAL PROG METHODOLOGY	A+	3.0	3.0	12.00	1.9	77
CMPUT 204	ALGORITHMS I	A+	3.0	3.0	12.00	3.0	96
CMPUT 495	HONORS SEMINAR	CR	0.0	0.0	0.00	XXX	107
MATH 217	HONORS ADVANCED CALCULUS I	A+	3.0	3.0	12.00	2.4	17
MATH 322	GRAPH THEORY	A+	3.0	3.0	12.00	2.3	101
STAT 265	STATISTICS I	A+	3.0	3.0	12.00	2.6	168
TOTALS			15.0	15.0	60.00		

Winter Term 2019 **BSc Honors**
Computing Science

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 229	CMPUT ORG/ARCHITECTURE I	A+	3.0	3.0	12.00	2.2	57
CMPUT 291	FILE AND DATABASE MANAGEMENT	A+	3.0	3.0	12.00	2.9	123
MA PH 464	GROUP THEORY IN PHYSICS	A+	3.0	0.0	12.00	3.2	23
Extra to Degree							
MATH 317	HONORS ADVANCED CALCULUS II	A+	3.0	3.0	12.00	3.3	11
WRS 102	WRITING IN THE DISCIPLINES	A+	3.0	3.0	12.00	2.8	193
TOTALS			15.0	12.0	60.00		

GPA: 120.00 grade points / 30.0 units taken = 4.0

First Class Standing

Fall Term 2019 **BSc Honors**
Computing Science

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 304	ALGORITHMS II	A+	3.0	3.0	12.00	3.3	33
CMPUT 397	TOPICS IN COMPUTING SCIENCE	A+	3.0	3.0	12.00	2.5	118
Reinforcement Learning							
CMPUT 466	MACHINE LEARNING	A+	3.0	3.0	12.00	3.2	39
MATH 324	ELEMENTARY NUMBER THEORY	A+	3.0	3.0	12.00	2.4	16
MATH 411	HONORS COMPLEX VARIABLES	A+	3.0	3.0	11.10	2.9	12
TOTALS			15.0	15.0	59.10		

Page 2 (Continued on next page)

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Descriptor	Letter Grade	Grade Point Value
Excellent	A+	4.0
	A	4.0
	A-	3.7
Good	B+	3.3
	B	3.0
	B-	2.7
Satisfactory	C+	2.3
	C	2.0
	C-	1.7
Poor	D+	1.3
Minimal Pass	D	1.0
Failure	F	0.0

Course Grades Obtained by Graduate Students

Descriptor	Letter Grade	Grade Point Value
Excellent	A+	4.0
	A	4.0
	A-	3.7
Good	B+	3.3
	B	3.0
	B-	2.7
Satisfactory	C+	2.3
	C	2.0
	C-	1.7
Failure	D+	1.3
	D	1.0
	F	0.0

Other Final Grades

AE	aegrotat standing
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Remarks

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The 9-Point Grading System (before September 2003)

Course Grades Obtained by Undergraduate Students

	9	Outstanding
	8	Excellent
	7	Very Good
	6	Good
	5	Satisfactory
Pass	4	Minimally acceptable
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	1	

Course Grades Obtained by Graduate Students

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	8	
	7	Good
Pass	6	Satisfactory
Fail	5	
	4	
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	2	
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Remarks

- | | |
|----|---|
| A | indicates missed final examination, term work missed, or both |
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| S | failure, supplemental granted |
| X | student failed to complete a significant part of term work |

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Registrar
U. Pastorek
Date of Issue: 15-Nov-2021

In response to the disruption caused by the global COVID-19 pandemic, the University of Alberta adopted mandatory Credit/No Credit grades for the Winter 2020 term. This was applied universally with no option for letter grades. Students, with grades of CR have met the requirements of the course, whereas students with NC have not. In either instance, these grades do not contribute to a GPA calculation. If a letter grade is present for the Winter 2020 term, it was approved prior to the change.

Winter Term 2020

BSc Honors Computing Science

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 379	OPERATING SYSTEM CONCEPTS	CR	3.0	3.0	0.00	XXX	60
CMPUT 455	SEARCH, KNOWLEDGE, SIMULATION	CR	3.0	3.0	0.00	XXX	154
MATH 336	HONS ORDINARY DIFF EQUATIONS	CR	3.0	3.0	0.00	XXX	12
MATH 417	HONORS REAL VARIABLES I	CR	3.0	3.0	0.00	XXX	20
STAT 371	PROB & STOCHASTIC PROCESSES	CR	3.0	3.0	0.00	XXX	74
TOTALS			15.0	15.0	0.00		

GPA: 59.10 grade points / 15.0 units taken = 3.9

First Class Standing

Fall Term 2020

BSc Honors Computing Science

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 411	INTRO TO COMPUTER GRAPHICS	A+	3.0	3.0	12.00	2.5	17
CMPUT 463	PROBABILISTIC GRAPHICAL MODELS	A+	3.0	3.0	12.00	3.7	15
CMPUT 495	HONORS SEMINAR	CR	0.0	0.0	0.00	XXX	204
CMPUT 499	TOPICS IN CMPUT SCIENCE	A+	3.0	3.0	12.00	4.0	1
Learning Agent State in Reinforcement Learning							
MATH 418	HONORS REAL VARIABLES II	A	3.0	3.0	12.00	3.1	7
STAT 471	PROBABILITY I	A+	3.0	3.0	12.00	2.8	37
TOTALS			15.0	15.0	60.00		

Winter Term 2021

BSc Honors Computing Science

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 340	INTRO NUMERICAL METHODS	A+	3.0	3.0	12.00	3.2	60
CMPUT 474	FORMAL LANG, AUTOMATA, CMPUT	A+	3.0	3.0	12.00	3.5	35
CMPUT 653	TOPICS ARTIFICIAL INTELLIGENCE	A+	3.0	3.0	12.00	3.9	19
Theoretical Foundations of Reinforcement Learning							
MATH 326	RINGS AND MODULES	A	3.0	3.0	12.00	2.1	20
MATH 447	ELEMENTARY TOPOLOGY	A	3.0	3.0	12.00	3.2	21
TOTALS			15.0	15.0	60.00		

GPA: 120.00 grade points / 30.0 units taken = 4.0

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