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UNIVERSITY OF TORONTO

TRANSCRIPT OF CONSOLIDATED ACADEMIC RECORD
TORONTO, ONTARIO, CANADA

NAME:	**Graham, James Wing Chee**	
ISSUED TO:	Jamie Graham	

RECORD AS OF:	2021-03-12
STUDENT NUMBER:	1004443809
OEN:	496505231
BIRTH DAY/MONTH:	03/11

REGISTRATION HISTORY
2019 Fall - 2021 Winter : Faculty of Arts and Science

Faculty of Arts and Science

CRS CODE	TITLE	WGT
BIO130H1	Molecular & Cell Bio	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
CSC108H1	Intro to Comp Prog	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
MAT135H1	Calculus I (A)	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
MAT136H1	Calculus I (B)	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
MAT235Y1	Calculus Sci II	1.00
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
MAT244H1	Ordinary Diff Equat	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
PHY151H1	Found Physics I	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
PHY152H1	Found Physics II	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
PHY224H1	Practical Physics I	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
PHY250H1	Electricity & Mag	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
PHY254H1	Classical Mechanics	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
PHY256H1	Intro Quantum Physic	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
PSY100H1	Intro Psychology	0.50
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
TMU140Y1	Music Theory I & II	1.00
	Transfer Credit - Equivalent	
	The Univ of Western Ontario	
BIO1***	Transfer Credit - Equivalent	0.50
	General Biology (BR=4)	
	The Univ of Western Ontario	
LTE1***	Transfer Credit - Equivalent	0.50
	The Univ of Western Ontario	
MAT1***	Transfer Credit - Equivalent	0.50
	Linear Algebra (BR=5)	
	The Univ of Western Ontario	
MAT2***	Transfer Credit - Equivalent	0.50
	Real Analysis I (BR=5)	
	The Univ of Western Ontario	

Credits earned: 10.00

2019 FALL - BACHELOR'S DEGREE PROGRAM - UNIVERSITY COLLEGE
SESSIONAL GPA: **3.94**   CUMULATIVE GPA: **3.94**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
MAT224H1	Linear Algebra II	**0.50**	**90**	**A+**	**C**
MAT334H1	Complex Variables	**0.50**	**90**	**A+**	**C+**
PHY350H1	Electromagnetic Theory	**0.50**	**85**	**A**	**B-**
PHY356H1	Quantum Mechanics I	**0.50**	**88**	**A**	**C+**
PHY407H1	Computational Physics	**0.50**	**82**	**A-**	**B+**

Credits earned: 2.50

2020 WINTER - BACHELOR'S DEGREE PROGRAM - UNIVERSITY COLLEGE
In the 2019-20 academic year, the University of Toronto was affected by the global COVID-19 pandemic. Instructional methods were modified and some students were graded on the University's approved Credit/No Credit scale for courses completed in Winter 2020.
For more information, see:
http://www.transcripts.utoronto.ca/guide
SESSIONAL GPA: **4.00**   ANNUAL GPA: **3.97**   CUMULATIVE GPA: **3.97**
STATUS: **IN GOOD STANDING**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
APM346H1	Partial Diffl Equat	**0.50**	**97**	**A+**	**C+**
MAT301H1	Groups & Symmetry	**0.50**	**86**	**A**	**C**
PHY252H1	Thermal Physics	**0.50**	**95**	**A+**	**B+**
PHY354H1	Adv Classical Mechan	**0.50**	**91**	**A+**	**C+**

Credits earned: 2.00

2020 FALL - BACHELOR'S DEGREE PROGRAM - UNIVERSITY COLLEGE
SESSIONAL GPA: **4.00**   CUMULATIVE GPA: **3.97**

CRS CODE	TITLE	WGT	MRK	GRD	CRS AVG
MAT332H5	Introduction to Nonlinear Dynamics and Chaos	**0.50**	**97**	**A+**	**B-**

Credits earned: 0.50

2021 WINTER - BACHELOR'S DEGREE PROGRAM - UNIVERSITY COLLEGE
Credit earned: 0.00

Sinisa Markovic
Interim University Registrar

——————— **End of Transcript** ———————

NAME: **Graham, James Wing Chee**

ISSUED TO: Jamie Graham

RECORD AS OF: **2021-03-12**
STUDENT NUMBER: **1004443809**
OEN: **496505231**
BIRTH DAY/MONTH: **03/11**

University of Toronto
Guide to Transcript

Effective September 1998

Grade Meanings	Undergraduate Grade Scale				Graduate Grade Scale	
	Refined Letter Grade Scale	Numerical Scale of Marks		Grade Point Value	Truncated Letter Grade Scale	Numerical Scale of Marks
Excellent	A+	90 – 100%		4.0	A+	90 – 100%
	A	85 – 89%		4.0	A	85 – 89%
	A-	80 – 84%		3.7	A-	80 – 84%
Good	B+	77 – 79%		3.3	B+	77 – 79%
	B	73 – 76%		3.0	B	73 – 76%
	B-	70 – 72%		2.7	B-	70 – 72%
Adequate	C+	67 – 69%		2.3		
	C	63 – 66%		2.0		
	C-	60 – 62%		1.7		
Marginal	D+	57 – 59%		1.3		
	D	53 – 56%		1.0		
	D-	50 – 52%		0.7		
Inadequate	F	0 – 49%		0.0	FZ	0 – 69%

Approved grade scales that are outside the standard system:
A passing mark in the Faculty of Dentistry, Faculty of Medicine, and the Faculty of Nursing is 60%.
H (Honours), **P** (Pass), **FL** (Failure).
HH (High Honors), **H** (Honours), **P** (Pass), **LP** (Low Pass), **F** (Fail)
The Faculty of Law J.D. program used the following grade scale between Fall-1998 and Fall-2012:
A:80-100 (Excellent); B+:75-79 (Good); B:70-74 (Good); C+:65-69 (Adequate);
C:60-64 (Adequate); D:50-59 (Marginal); F:below 50 (Inadequate).
In cases where the FL grade is used in calculating grade point averages, the symbol FL% is used and a grade point value of 0.0 is assigned.
CR (Credit), **NCR** (No Credit).
In cases where the NCR grade is used in calculating grade point averages, the symbol NC% is used and a grade point value of 0.0 is assigned.

Other Symbols and Notations:

ADD Additional course, taken for credit. Included in grade point averages.
(note: the following symbols are not used in calculating grade point averages.)
AEG Aegrotat standing granted on the basis of term work and medical or similar evidence. Course credit granted.
DNW Did not write/did not attend/did little work.
EXT Extra course, not for credit.
GWR Grade withheld pending review.

INC Incomplete.
IPR In progress.
(IPR will also appear if the course has not yet started or the course has finished but an approved grade is not yet available.)
LWD Late withdrawal without academic penalty.
NGA No grade available.
SDF Standing deferred on the basis of incomplete course work because of medical or similar reasons.
WDR Withdrawn without academic penalty.
XMP Exemption granted on the basis of credit for work done elsewhere. Course credit granted.
Candidacy Achieved
A student who has completed all program requirements for the PhD degree exclusive of thesis research will be considered a candidate in the School of Graduate Studies.

Averages Information:

The following types of averages may appear:

GPA Grade Point Average*
(*for CTEP programs, the GPA does not include performance in B.Ed. Courses)
ACCA GPA on the Academic Activity Component of the Bachelor of Physical Health and Education
CICA GPA on the Curriculum and Instruction Component of the Bachelor of Education and Diploma in Technical Education
CTPA GPA on the Bachelor of Education Activity Component of the Concurrent Teacher Education Program
FNCA GPA on Foundations Component of the Bachelor of Education and Diploma in Technical Education
PACA GPA on the Physical Activity Component of the Bachelor of Physical and Health Education
PERS Percentage Average
ACCUM. AVG
Accumulated Average

Awards Information:
Academic awards information is not listed on University of Toronto transcripts.
Academic Sessions:
Fall Session (September – December)
Winter Session (January – April)
Summer Session (May – August)
Course Credits:
A course with a weight of 1.00 equals 6 semester hours.
Course Average:
Course average is shown for undergraduate courses with a size of 12 or more and is expressed as a letter grade corresponding to the refined letter grade scale. The symbol "*" is used to indicate an undergraduate course with fewer than 12 students. A "blank" is used to indicate that a course average has not been calculated.

—— **End of Guide** ——