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Course Selection (Undergrad only)

Enroll

my undergrad program

grades

unofficial transcript

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UNIVERSITY OF WATERLOO UNDERGRADUATE UNOFFICIAL TRANSCRIPT**Name: Duan, Mack****Student ID: 20345619****Date Produced: Dec 10, 2013****Ontario Education Nbr: 594749574****Winter 2014 4B Full-Time**

Program: Software Engineering, Honours, Co-operative Program

Units

<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
CS 444	Compiler Construction	0.50/0.00					
EARTH 122L	Introductory	0.25/0.00					
	Environmental Sciences						
	Laboratory						
ECE 459	Programming for	0.50/0.00					
	Performance						
INTST 101	Introduction to	0.50/0.00					
	International Studies						
SE 465	Software Testing and	0.50/0.00					
	Quality Assurance						

SE 491 Design Project 2 0.50/0.00

Term summary statistics available on May 21, 2014

Fall 2013 4A Part-Time Co-op Work

Program: Software Engineering, Honours, Co-operative Program

Units

<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
COOP 6	Co-operative Work Term						

Term summary statistics available on Jan 23, 2014

Spring 2013 4A Full-Time

Program: Software Engineering, Honours, Co-operative Program

Units

<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
CS 458	Computer Security and Privacy	0.50/0.50	85	Y	Y		
ECE 358	Computer Networks	0.50/0.50	87	Y	Y		
SE 464	Software Design and Architectures	0.50/0.50	100	Y	Y		
SE 490	Design Project 1	0.50/0.50	100	Y	Y		
STV 205	Cybernetics and Society	0.50/0.50	77	Y	Y		
WKRPT 400	Work-term Report	0.13/0.13	75	Y	N	DRNA	

Term Avg	88.80	Term Units In	2.50	Term Units Earned	2.63
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Term Avg	89.80	Term Units In Avg	2.50	Term Units Earned	2.05
Cumulative Avg	91.99	Total Units In Avg	18.75	Total Units Earned	21.27
Total Units Taken	19.25	Total Units Passed	19.25		
		Total Transfer Units	0.00		

Winter 2013 3B Part-Time Co-op Work

		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
COOP 5	Co-operative Work Term		CR	N	N		
PD 7	Conflict Resolution	0.50/0.00	CR	N	N		
Term Avg		0.00	Term Units In Avg	0.00	Term Units Earned		0.00
Cumulative Avg		92.32	Total Units In Avg	16.25	Total Units Earned		18.64
Total Units Taken		16.75	Total Units Passed	16.75			
			Total Transfer Units	0.00			

		<i>Units</i>					
<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
CS 343	Concurrent and Parallel Programming	0.50/0.50	86	Y	Y		
CS 348	Introduction to Database	0.50/0.50	91	Y	Y		

Management							
CS 486	Introduction to Artificial Intelligence	0.50/0.50	86	Y	Y		
EARTH 121	Introductory Earth Sciences	0.50/0.50	80	Y	Y		
SE 390	Design Project Planning	0.25/0.25	98	Y	Y		
SE 463	Software Requirements Specification and Analysis	0.50/0.50	91	Y	Y		
WKRPT 300	Work-term Report	0.13/0.13	65	Y	N	DRNA	
Term Avg		87.82	Term Units In Avg	2.75	Term Units Earned		2.88
Cumulative Avg		92.32	Total Units In Avg	16.25	Total Units Earned		18.64
Total Units Taken		16.75	Total Units Passed	16.75			
			Total Transfer Units	0.00			

Academic Standing:	Excellent standing
Honours:	Term Dean's Honours List

Spring 2012	3A	Part-Time	Co-op Work
Program: Software Engineering, Honours, Co-operative Program			

		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
COOP 4	Co-operative Work Term		CR	N	N		
PD 6	Problem Solving	0.50/0.00	CR	N	N		
Term Avg		0.00	Term Units In Avg	0.00	Term Units Earned	0.00	
Cumulative Avg		93.24	Total Units In Avg	13.50	Total Units Earned	15.76	
Total Units Taken		14.00	Total Units Passed	14.00			
			Total Transfer Units	0.00			

Winter 2012 3A Full-Time

Program: Software Engineering, Honours, Co-operative Program

		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
CS 341	Algorithms	0.50/0.50	84	Y	Y		
CS 349	User Interfaces	0.50/0.50	91	Y	Y		
SCI 238	Introductory Astronomy	0.50/0.50	97	Y	Y		
SE 350	Operating Systems	0.50/0.50	92	Y	Y		
SE 380	Introduction to Feedback Control	0.50/0.50	90	Y	Y		
Term Avg	90.80	Term Units In Avg	2.50	Term Units Earned	2.50		
Cumulative Avg	93.24	Total Units In Avg	13.50	Total Units Earned	15.76		
Total Units Taken	14.00	Total Units Passed	14.00				
Total Transfer Units			0.00				

Academic Standing: Excellent standing**Honours: Term Dean's Honours List**

Fall 2011 2B Part-Time Co-op Work

Program: Software Engineering, Honours, Co-operative Program

		<i>Units</i>					
<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
COOP 3	Co-operative Work Term		CR	N	N		
PD 21	Engineering Workplace Skills II: Developing	0.50/0.50	CR	Y	N		

Effective Plans

Term Avg	0.00	Term Units In Avg	0.00	Term Units Earned	0.50
Cumulative Avg	93.80	Total Units In Avg	11.00	Total Units Earned	13.26
Total Units Taken	11.50	Total Units Passed	11.50		
		Total Transfer Units	0.00		

Spring 2011 2B Full-Time

Program: Software Engineering, Honours, Co-operative Program

		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
CHINA 201R	Second-Year Chinese 1	0.50/0.50	91	Y	Y		
CS 240	Data Structures and Data Management	0.50/0.50	93	Y	Y		
CS 246	Object-Oriented Software Development	0.50/0.50	98	Y	Y		
ENGL 119	Communications in Mathematics & Computer Science	0.50/0.50	81	Y	N	DRNA	
MATH 213	Advanced Mathematics for Software Engineers	0.50/0.50	84	Y	Y		
MATH 239	Introduction to Combinatorics	0.50/0.50	93	Y	Y		
WKRPT 200	Work-term Report	0.13/0.13	89	Y	N	DRNA	
Term Avg	91.80	Term Units In Avg	2.50	Term Units Earned	3.13		
Cumulative Avg	93.80	Total Units In Avg	11.00	Total Units Earned	12.76		
Total Units Taken	11.50	Total Units Passed	11.50				
		Total Transfer Units	0.00				

Honours: Term Dean's Honours List

Program: Software Engineering, Honours, Co-operative Program

		Units			
Course	Description	Attempt/Earn	Grade	Credit InGPA	Desig DesGrd
COOP 2	Co-operative Work Term		CR	N	N
PD 20	Engineering Workplace	0.50/0.50	CR	Y	N
	Skills I: Developing				
	Reasoned Conclusions				
Term Avg	0.00	Term Units In Avg	0.00	Term Units Earned	0.50
Cumulative Avg	94.38	Total Units In Avg	8.50	Total Units Earned	9.63
Total Units Taken	8.50	Total Units Passed	8.50		
		Total Transfer Units	0.00		

Program: Software Engineering, Honours, Co-operative Program

		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
CS 241	Foundations of Sequential Programs	0.50/0.50	90	Y	Y		
ECE 126	Introduction to Electrostatics, Magnetism and Electronics	0.75/0.75	93	Y	Y		
ECE 222	Digital Computers	0.50/0.50	94	Y	Y		

SE 212	Logic and Computation	0.50/0.50	97	Y	Y
STAT 206	Statistics for Software Engineering	0.50/0.50	100	Y	Y
WKRPT 100	Work-term Report	0.13/0.13	75	Y	N DRNA

Term Avg	94.64	Term Units In Avg	2.75	Term Units Earned	2.88
Cumulative Avg	94.38	Total Units In Avg	8.50	Total Units Earned	9.13
Total Units Taken	8.50	Total Units Passed	8.50		
		Total Transfer Units	0.00		

Academic Standing: **Excellent standing**

Honours: **Term Dean's Honours List**

Spring 2010 1B Part-Time Co-op Work

Program: Software Engineering, Honours, Co-operative Program

		<i>Units</i>					
<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
COOP 1	Co-operative Work Term		CR	N	N		
PDENG 15	Professional Development	0.50/0.50	CR	Y	N		
	- Overview						

Term Avg	0.00	Term Units In Avg	0.00	Term Units Earned	0.50
Cumulative Avg	94.26	Total Units In Avg	5.75	Total Units Earned	6.25
Total Units Taken	5.75	Total Units Passed	5.75		
		Total Transfer Units	0.00		

Winter 2010 1B Full-Time

Program: Software Engineering, Honours, Co-operative Program

Units							
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
CS 138	Functional Programming and Data Abstraction	0.50/0.50	93	Y	Y		
ECON 102	Introduction to Macroeconomics	0.50/0.50	100	Y	Y		
MATH 119	Calculus 2 for Engineering	0.50/0.50	89	Y	Y		
MATH 135	Algebra for Honours Mathematics	0.50/0.50	93	Y	Y		
MSCI 261	Engineering Economics: Financial Management for Engineers	0.50/0.50	91	Y	Y		
SE 141	Digital Circuits and Systems	0.50/0.50	99	Y	Y		

Term Avg	94.17	Term Units In Avg	3.00	Term Units Earned	3.00
Cumulative Avg	94.26	Total Units In Avg	5.75	Total Units Earned	5.75
Total Units Taken	5.75	Total Units Passed	5.75		
		Total Transfer Units	0.00		

Academic Standing: **Excellent standing**

Honours: **Term Dean's Honours List**

Fall 2009 1A Full-Time

Program: Software Engineering, Honours, Co-operative Program

Units							
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
CHE 102	Chemistry for Engineers	0.50/0.50	100	Y	Y		

CS 137	Programming Principles	0.50/0.50	95	Y	Y
MATH 115	Linear Algebra for Engineering	0.50/0.50	91	Y	Y
MATH 117	Calculus 1 for Engineering	0.50/0.50	94	Y	Y
PHYS 115	Mechanics	0.50/0.50	90	Y	Y
SE 101	Introduction to Methods of Software Engineering	0.25/0.25	98	Y	Y

Term Avg	94.36	Term Units In Avg	2.75	Term Units Earned	2.75
Cumulative Avg	94.36	Total Units In Avg	2.75	Total Units Earned	2.75
Total Units Taken	2.75	Total Units Passed	2.75		
		Total Transfer Units	0.00		

Academic Standing: **Excellent standing**

Honours: **Term Dean's Honours List**

Non-Course Milestones

English Proficiency	Completed	September 28, 2009
Technical Presentation	Completed	August 25, 2011
Work Report 1	Completed	December 30, 2010
Work Report 2	Completed	August 30, 2011
Work Report 3	Completed	December 30, 2012
Work Report 4	Completed	August 30, 2013
Work Term 1	Completed	August 30, 2010
Work Term 2	Completed	April 30, 2011
Work Term 3	Completed	December 30, 2011
Work Term 4	Completed	August 30, 2012
Work Term 5	Completed	April 30, 2013
Workplace Hazardous Materials	Completed	September 28, 2009

Scholarships & Awards

2009-2010	University of Waterloo President's Scholarship of Distinction
2010-2011	President's International Experience Award
2011-2012	President's Research Award

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

Print This Page

[Return](#)

[My Academics](#) [Course Selection \(Undergrad Only\)](#) [Enroll](#)

[My Undergrad Program](#) [Grades](#) [Unofficial Transcript](#)

go to ...

