University of Waterloo 200 University Ave. West Waterloo Ontario Canada N2L3G1

# **Undergraduate Unofficial Transcript**

Name: Obeng-Arhin, Kwadwo

Student ID: 20622858

Ontario Education Nbr: 064663123

#### **Beginning of Undergraduate Record**

#### Fall 2015

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Level: 1A Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
BUS	111W	Introduction to Business Organization (WLU)	0.50	0.50	A-
CS	135	Designing Functional Programs	0.50	0.50	71
ECON	120W	Introduction to Microeconomics (WLU)	0.50	0.50	A+
MATH	135	Algebra for Honours Mathematics	0.50	0.50	82
MATH	137	Calculus 1 for Honours Mathematics	0.50	0.50	82
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		82.60 Term Totals	2.50	2.50	
Cumulative	GPA	82.60 Cumulative Totals	2.50	2.50	
Major Avera	ige:	78.33 (Double Degree) Business Administration	(WLU) and Mathema	atics (UW), H	onours
Faculty Ave	rane.	78 33 (Double Degree) Rusiness Administration	(WLLI) and Mathema	atice (IIIVI) H	onours

Faculty Average: 78.33 (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours

Academic Standing: Excellent standing Effective 12/31/2015

#### Winter 2016

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Level: 1B Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<b>Earned</b>	<u>Grade</u>
BUS	121W	Functional Areas of the Organization (WLU)	0.50	0.50	A-
CS	116	Introduction to Computer Science 2	0.50	0.50	83
ECON	140W	Introduction to Macroeconomics (WLU)	0.50	0.50	Α
MATH	136	Linear Algebra 1 for Honours Mathematics	0.50	0.50	78
MATH	138	Calculus 2 For Honours Mathematics	0.50	0.50	74
SPCOM	100	Interpersonal Communication	0.50	0.50	84
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		81.83 Term Totals	3.00	3.00	
Cumulative GPA 82		82.18 Cumulative Totals	5.50	5.50	
Major Averag	je:	78.33 (Double Degree) Business Administration	n (WLU) and Mathema	itics (UW), H	onours
Faculty Avera	age:	78.33 (Double Degree) Business Administration	n (WLU) and Mathema	itics (UW), H	onours

Academic Standing: Excellent standing Effective 04/30/2016

#### Spring 2016

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Level: 2A Load: Part-Time Form Of Study: Enrolment

Course		Description		<u>Attempted</u>	<b>Earned</b>	<u>Grade</u>
ECON	260W	Intermediate	e Microeconomic Analysis for Management	0.50	0.50	A+
		(WLU)				
				<u>In GPA</u>	<u>Earned</u>	
Term GPA		95.00	Term Totals	0.50	0.50	
Cumulative GI	PA	83.25	Cumulative Totals	6.00	6.00	
Major Average	e:	78.33	(Double Degree) Business Administration (V	VLU) and Mathema	atics (UW), H	onours
Faculty Average	ge:	78.33	(Double Degree) Business Administration (V	VLU) and Mathema	atics (UW), H	onours
Academic Sta	nding: Excel	lent standing Effe	ective 08/31/2016	,	, ,	

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#### Fall 2016

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Level: 2A Load: Full-Time Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
BUS	127W	Introduction to Financial Accounting (WLU)	0.50	0.50	
BUS	283W	Financial Management 1 (WLU)	0.50	0.50	A+
BUS	288W	Organizational Behaviour 1 (WLU)	0.50	0.50	Α
MATH	235	Linear Algebra 2 for Honours Mathematics	0.50	0.50	65
STAT	230	Probability	0.50	0.50	90
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		86.80 Term Totals	2.50	2.50	
Cumulative (	GPA	84.29 Cumulative Totals	8.50	8.50	
Major Avera	ge:	78.12 (Double Degree) Business Administration (WI	<ul><li>U) and Mathema</li></ul>	itics (UW), H	onours
Faculty Aver	age:	78.12 (Double Degree) Business Administration (WL	<ul><li>U) and Mathema</li></ul>	itics (UW), H	onours

Academic Standing: Excellent standing Effective 12/31/2016

Spring 2017

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Level: 2B Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<b>Earned</b>	<u>Grade</u>
ACTSC	231	Introductory Financial Mathematics	0.50	0.50	80
BUS	231W	Business Law (WLU)	0.50	0.50	Α
BUS	247W	Managerial Accounting (WLU)	0.50	0.50	Α
CO	250	Introduction to Optimization	0.50	0.50	69
STAT	231	Statistics	0.50	0.50	87
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		82.80 Term Totals	2.50	2.50	
Cumulative (	3PA	83.96 Cumulative Totals	11.00	11.00	
Major Average: 78.27 (Double Degree) Business Administration (V		stration (WLU) and Mathema	itics (UW), H	onours	

Major Average: 78.27 (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Faculty Average: 78.27 (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours

Academic Standing: Excellent standing Effective 08/31/2017

## Fall 2017

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Level: 3A Load: Full-Time Form Of Study: Enrolment

Course       BUS     352W       BUS     354W       BUS     393W       MATH     237       STAT     371	Description Introduction to Marketing Management (WLU) Human Resources Management (WLU) Financial Management 2 (WLU) Calculus 3 for Honours Mathematics Applied Linear Models and Process Improvement for	Attempted 0.50 0.50 0.50 0.50 0.50	Earned 0.50 0.50 0.50 0.50 0.50	Grade A+ A+ A+ 85 89
Term GPA Cumulative GPA Major Average:	Business  91.80 Term Totals  85.41 Cumulative Totals  79.62 (Double Degree) Business Administration (W	In GPA 2.50 13.50	Earned 2.50 13.50	longure

Faculty Average: 79.62 (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Academic Standing: Excellent standing Effective 12/31/2017

Term Honours: Term Dean's Honours List

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Name: Obeng-Arhin, Kwadwo

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Spring 2018

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Level: 3B Load: Full-Time Form Of Study: Enrolment

Course		Description		Attempted	Earned	<u>Grade</u>
BUS	362W	Building and (WLU)	Managing Products, Services and Brands	0.50	0.50	В
BUS	375W	Operations	Management (WLU)	0.50	0.50	Α
BUS	398W	Organization	nal Behaviour 2 (WLU)	0.50	0.50	A+
STAT	330	Mathematic	al Statistics	0.50	0.50	79
STAT	333	Applied Pro	bability	0.50	0.50	91
				In GPA	<u>Earned</u>	
Term GPA		85.80	Term Totals	2.50	2.50	
Cumulative GF	PA	85.47	Cumulative Totals	16.00	16.00	
Major Average	:	80.33	(Double Degree) Business Administration (W	LU) and Mathema	tics (UW), H	onours
Faculty Averag	je:	80.33	(Double Degree) Business Administration (W	LU) and Mathema	tics (UW), H	onours

Academic Standing: Excellent standing Effective 09/19/2018

Fall 2018

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Level: 4A Load: Full-Time Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
AMATH	350	Differential Equations for Business and Economics	0.50	0.50	78
BUS	481W	Business Policy 1 (WLU)	0.50	0.50	A-
CO	370	Deterministic OR Models	0.50	0.50	77
CS	330	Management Information Systems	0.50	0.50	90
STAT	372	Survey Sampling and Experimental Design Techniques	0.50	0.50	89
		for Business			
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		83.40 Term Totals	2.50	2.50	
Cumulative G	PA	85.19 Cumulative Totals	18.50	18.50	
Major Average: 81.		81.00 (Double Degree) Business Administration (WI	<ul><li>U) and Mathema</li></ul>	atics (UW), H	onours
Faculty Avera	ge:	81.00 (Double Degree) Business Administration (WI	_U) and Mathema	atics (UW), H	onours

Academic Standing: Excellent standing Effective 01/18/2019

Winter 2019

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Level: 4B Load: Part-Time Form Of Study: Enrolment

Course		<u>Description</u>			<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	230	Introduction	to Computers and Compu	ter Systems	0.50	0.50	84
				•	<u>In GPA</u>	<u>Earned</u>	
Term GPA		84.00	Term Totals		0.50	0.50	
Cumulative	GPA	85.16	Cumulative Totals		19.00	19.00	
Major Avera	age:	81.15	(Double Degree) Busines	s Administration (WL	.U) and Mathem	atics (UW), H	onours
Faculty Ave	erage:	81.15	(Double Degree) Busines	s Administration (WL	.U) and Mathem	atics (UW), H	onours
Academic S	Standing:	Excellent standing Effe	ctive 05/22/2019				

Academic Standing: Excellent standing Effective 05/22/2019

Spring 2019

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours Level: 4B Load: Full-Time Form Of Study: Enrolment

Course		Description	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
BUS	353W	Introduction to Risk Management and Insurance (WLU)	0.50	0.50	A-
BUS	491W	Business Policy 2 (WLU)	0.50	0.50	B+
CS	234	Data Types and Structures	0.50	0.50	86
CS	432	Business Systems Analysis	0.50	0.50	84
STAT	443	Forecasting	0.50	0.50	79
		-	<u>In GPA</u>	<u>Earned</u>	
Term GPA		82.00 Term Totals	2.50	2.50	
Cumulative C	SPA	84.79 Cumulative Totals	21.50	21.50	
Major Averag	je:	81.39 (Double Degree) Business Administration (W	LU) and Mathema	atics (UW), H	onours
Faculty Avera	age:	81.39 (Double Degree) Business Administration (W	LU) and Mathema	atics (UW), H	onours

Academic Standing: Excellent standing Effective 09/18/2019

## **Undergraduate Unofficial Transcript**

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Winter 2020

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours

Statistics, Honours

Level: 5A Load: Full-Time Form Of Study: Enrolment

COVID-19 impacted assessment methods and performance in many courses this term.

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
BUS	425W	Comp Sim Model/Bus DecMak(WLU)	0.50	0.50	CR
BUS	473W	Investment Management (WLU)	0.50	0.50	A+
CS	430	Applications Software Engineering	0.50	0.50	91
MATBUS	471	Fixed Income Securities	0.50	0.50	CR
STAT	431	Generalized Linear Models and their Applications	0.50	0.50	92
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		92.67 Term Totals	2.50	2.50	

Major Average: 82.20 (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours

Major Average: 82.20 Statistics, Honours

Faculty Average: 82.20 (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours

Academic Standing: Promoted Effective 05/27/2020 Term Honours: Term Dean's Honours List

Spring 2020

Program: (Double Degree) Business Administration (WLU) and Mathematics (UW), Honours

Statistics, Honours

Level: 5B Load: Full-Time Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
BUS	413W	Personal Financial Planning and Management (WLU)	0.50	0.50	
BUS	453W	Working Capital Management (WLU)	0.50	0.50	A+
CS	338	Computer Applications in Business: Databases	0.50	0.50	84
STAT	340	Computer Simulation of Complex Systems	0.50	0.50	78
STAT	430	Experimental Design	0.50	0.50	87
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		86.60 Term Totals	2.50	2.50	
Cumulative (	GPA	85.43 Cumulative Totals	25.50	26.50	
Major Average: 82.29 (Double Degre		82.29 (Double Degree) Business Administration (W	LU) and Mathema	atics (UW), H	onours
Major Avera	ge:	82.29 Statistics, Honours			
Faculty Average: 82.29 (Double Degree) Bu		82.29 (Double Degree) Business Administration (W	LU) and Mathema	atics (UW), H	onours

Milestones

Date CompletedDescriptionStatus04/21/2016English ProficiencyCompleted04/30/2019Undergraduate Communication Requirement - Part 1Completed

**End of Undergraduate Unofficial Transcript**