UNIVERSITY OF ALBERTA

OFFICE OF THE REGISTRAR
EDMONTON, ALBERTA, CANADA T6G 2M7

Transcript of Academic Record

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Send To:

Zhonghao Lu
704-9910 104 ST NW
Edmonton AB T5K 0Z4

Registrar

Date of Issue: 17-Jan-2020

Student Name: Zhonghao Lu
(Surname last)

ID Number: 1513228

Month and Day of Birth: September 29

September, 2016: Admitted to the Faculty of Agricultural, Life and Environmental Sciences, Bachelor of Science in Nutrition and Food Science with Specialization in Food Science and Technology program.

September 01, 2016: Granted credit in courses (units) AREC 214 (3.00), Chemistry 100-Level Option (6.00), Chemistry 200-Level Option (3.00), Mathematics 100-Level Option (6.00), Nutrition and Food Science 100-Level Option (3.00), Statistics and Applied Probability 100-Level Option (3.00), Biochemistry 200-Level Option (3.00), Chemistry 200-Level Option (3.00), Physics 100-Level Option (3.00), Computing Science 100-Level Option (3.00), Philosophy 100-Level Option (3.00), NU FS 373 (3.00), NU FS 363 (3.00), Nutrition and Food Science 300-Level Option (3.00), NU FS 283 (3.00) for work completed at Northwest Agriculture & Forestry University, China, 2014-2016. Total units 51.00.

Fall Term 2016   BSc in NFS, Food Sci Tech
                                         Bridging Program

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
EAP 140	ENGLISH FOR ACADEMIC PURPOSES	CR	3.0	3.0	0.00	XXX	18
EAP 145	ENGLISH FOR ACADEMIC PURPOSES	CR	3.0	3.0	0.00	XXX	17
	TOTALS		6.0	6.0	0.00		

Winter Term 2017   BSc in NFS, Food Sci Tech

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
ALES 204	COMM FUNDAMENTALS FOR PROS	B-	3.0	3.0	8.10	3.1	127
MICRB 265	GENERAL MICROBIOLOG	B-	3.0	3.0	8.10	3.0	269
NU FS 374	FOOD FUND/QUALITY	C+	3.0	3.0	6.90	3.3	81
	TOTALS		9.0	9.0	23.10		

GPA: 23.10 grade points / 9.0 units taken = 2.6

Spring Term 2017   BSc in NFS, Food Sci Tech

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 174	INTRO TO FNDTNS OF CMPUT I	A+	3.0	3.0	12.00	3.2	79
	TOTALS		3.0	3.0	12.00		

Summer Term 2017   BSc in NFS, Food Sci Tech

Course	Description	Grade Remark	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	3.5	11
	TOTALS		3.0	3.0	12.00		

GPA: 24.00 grade points / 6.0 units taken = 4.0

September, 2017: Admitted to the Faculty of Science, Bachelor of Science General program.

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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
	A+	4.0
Excellent	A	4.0
	A-	3.7
	B+	3.3
Good	B	3.0
	B-	2.7
	C+	2.3
Satisfactory	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
	A+	4.0
Excellent	A	4.0
	A-	3.7
	B+	3.3
Good	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

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
Fail	3	Unsatisfactory
	2	
	1	

Course Grades Obtained by Graduate Students

	9	Excellent
	8	
	7	Good
Pass	6	Satisfactory
Fail	5	
	4	
	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

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

1 grade includes a mark of '0' for final examination missed, or for term work missed, or both

2 grade includes a mark of '0' for final examination missed, or for term work missed, or both, and deferred final examination granted

3 credit withheld

4 reexamination granted

5 failure (assigned to failing Graduate Student grades only)

6 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)

7 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)

8 disciplinary sanction for serious instances of inappropriate academic behavior

9 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)

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

A	indicates missed final examination, term work missed, or both
B	grade includes '0' for missed term work and final examination
C	credit conceded
D	granted a deferred final examination
F	failure
FI	failed, inappropriate academic behavior
N	credit withheld
R	granted a reexamination
S	failure, supplemental granted
X	student failed to complete a significant part of term work

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Student Name: Zhonghao Lu
(Surname last)

ID Number: 1513228

Month and Day of Birth: September 29

Registrar

Date of Issue: 17-Jan-2020

September 05, 2017: Granted credit in courses (units) Nutrition and Food Science 300-Level Option (3.00), NU FS 373 (3.00), NU FS 363 (3.00), MATH 125 (3.00), CHEM 101 (3.00), CHEM 261 (3.00), MATH 114 (3.00), STAT 151 (3.00), BIOCH 200 (3.00), CHEM 102 (3.00), Computing Science 100-Level Option (3.00), Philosophy 100-Level Option (3.00), NU FS 283 (3.00), Arts 100-Level Option (3.00), MATH 115 (3.00) for work completed at Northwest Agriculture & Forestry University, China, 2014-2016. Total units 45.00.

September 05, 2017: Granted credit in all courses successfully completed at this University, 2016-2017, with the exception of EAP 140 and EAP 145. (15.0) Total units 15.00

Fall Term 2017   BSc General
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	11.10	2.7	76
CMPUT 272	FORMAL SYSTEMS & LOGIC	A	3.0	3.0	12.00	2.7	111
ECON 101	INTRODUCTION TO MICROECONOMICS	A-	3.0	3.0	11.10	2.9	284
PSYCO 104	BASIC PSYCHOLOGICAL PROCESSES	B	3.0	3.0	9.00	2.8	369
STAT 252	INTRO TO APPLIED STATISTICS II	A+	3.0	3.0	12.00	3.6	114
		TOTALS	15.0	15.0	55.20		

Winter Term 2018   BSc General
Computing Science

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 204	ALGORITHMS I	B+	3.0	3.0	9.90	2.8	96
CMPUT 229	CMPUT ORG/ARCHITECTURE I	A-	3.0	3.0	11.10	2.7	79
CMPUT 291	FILE AND DATABASE MANAGEMENT	A-	3.0	3.0	11.10	2.9	109
ECON 281	INTERMED MICROECON THEORY I	B	3.0	3.0	9.00	2.8	70
ENGL 102	INTRO TO CRITICAL ANALYSIS	B-	3.0	3.0	8.10	3.0	37
		TOTALS	15.0	15.0	49.20		

GPA: 104.40 grade points / 30.0 units taken = 3.5
First Class Standing

Summer Term 2018   BSc General
Computing Science

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
ENGL 103	CASE STUDIES IN RESEARCH Cultural Encounters	B+	3.0	3.0	9.90	3.6	16
		TOTALS	3.0	3.0	9.90		

GPA: 9.90 grade points / 3.0 units taken = 3.3

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

September 04, 2018: Granted credit in courses (units) Nutrition and Food Science 300-Level Option (3.00), NU FS 373 (3.00), NU FS 363 (3.00), MATH 125 (3.00), CHEM 101 (3.00), CHEM 261 (3.00), MATH 114 (3.00), STAT 151 (3.00), BIOCH 200 (3.00), CHEM 102 (3.00), Computing Science 100-Level Option (3.00), Philosophy 100-Level Option (3.00), NU FS 283 (3.00), Arts 100-Level Option (3.00), MATH 115 (3.00) for work completed at Northwest Agriculture & Forestry University, China, 2014-2016. Total units 45.00.

September 04, 2018: Granted credit in all courses successfully completed at this University, 2016-2018, with the exception of EAP 140, EAP 145, and PSYCO 104. (45.0) Total units 45.00

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

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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Course Grades Obtained by Graduate Students

	9	Excellent
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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

AE	aegrotat standing
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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

1	grade includes a mark of '0' for final examination missed, or for term work missed, or both
2	grade includes a mark of '0' for final examination missed, or for term work missed, or both, and deferred final examination granted
3	credit withheld
4	reexamination granted
5	failure (assigned to failing Graduate Student grades only)
6	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)
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8	disciplinary sanction for serious instances of inappropriate academic behavior
9	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)

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
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Student Name: Zhonghao Lu
(Surname last)

ID Number: 1513228

Registrar

Month and Day of Birth: September 29

Date of Issue: 17-Jan-2020

Fall Term 2018 — BSc with Specialization / Computing Science

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 301	INTRO TO SOFTWARE ENGINEERING	A-	3.0	3.0	11.10	2.7	120
CMPUT 340	INTRO NUMERICAL METHODS	A	3.0	3.0	12.00	2.9	80
CMPUT 366	INTELLIGENT SYSTEMS	A-	3.0	3.0	11.10	3.1	169
CMPUT 396	TOPICS IN COMPUTING SCIENCE	A-	3.0	3.0	11.10	3.1	144
	Games, Puzzles and Algorithms						
	TOTALS		12.0	12.0	45.30		

Winter Term 2019 — BSc with Specialization / Computing Science / Science Internship Program

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
WKEXP 955	SCIENCE WORK EXPERIENCE I	CR	0.0	0.0	0.00	XXX	27
	Location: University of Alberta - Civil and Environment Engineering						

GPA: 45.30 grade points / 12.0 units taken = 3.8
First Class Standing

Spring Term 2019 — BSc with Specialization / Computing Science / Science Internship Program

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
WKEXP 956A	SCIENCE WORK EXPERIENCE II	IP	0.0	0.0	0.00	XXX	20
	Location: UAlberta - Civil and Environment Engineering						

Summer Term 2019 — BSc with Specialization / Computing Science / Science Internship Program

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
WKEXP 956B	SCIENCE WORK EXPERIENCE II	CR	0.0	0.0	0.00	XXX	20
	Location: UAlberta - Civil and Environment Engineering						

Fall Term 2019 — BSc with Specialization / Computing Science / Science Internship Program

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 328	VISUAL RECOGNITION	A	3.0	3.0	12.00	3.1	77
CMPUT 412	EXPERIMENTAL MOBILE ROBOTICS	A+	3.0	3.0	12.00	3.8	7
CMPUT 466	MACHINE LEARNING	B	3.0	3.0	9.00	3.1	39
	TOTALS		9.0	9.0	33.00		

Grades are Unofficial Until Approved by the Dean

Winter Term 2020 — BSc with Specialization / Computing Science / Science Internship Program

Course	Description	Grade Remark	Units Taken	Units Passed	Grade Points	Class Avg	Class Enrl
CMPUT 379	OPERATING SYSTEM CONCEPTS		3.0	0.0	0.00	XXX	71
CMPUT 404	WEB APPLICATIONS AND ARCHITECT		3.0	0.0	0.00	XXX	59
	TOTALS		6.0	0.0	0.00		

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Page 3   End of Transcript

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	B-	2.7
	C+	2.3
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	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
	A+	4.0
Excellent	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

The 9-Point Grading System (before September 2003)

Course Grades Obtained by Undergraduate Students

	9	Outstanding
	8	Excellent
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Course Grades Obtained by Graduate Students

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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

1. grade includes a mark of '0' for final examination missed, or for term work missed, or both
2. grade includes a mark of '0' for final examination missed, or for term work missed, or both, and deferred final examination granted
3. credit withheld
4. reexamination granted
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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
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CR	completed requirements; no numeric grade assigned
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X	student failed to complete a significant part of term work