

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

Transcript of Academic Record

This document is a certified official record when signed by the Registrar. It is printed on a watermarked security paper with visible fibers. Hold to light to verify the watermark. The line under this paragraph is text that reads "University of Alberta".

A raised seal is not required. The student is in good standing unless otherwise noted. Information on evaluating the transcript is on the reverse.

Send To:

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

Date of Teaus

Registrar 17-Jan-2020

Student Name:

Zhonghao Lu

(Surname last)

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

| REDTA - HAINCROSTY OF ALBERTA - UNIVERSITY OF ALBERT | Grade | Units | Units | Grade | Class | Class | |
|---|--------|-------|--------|-----------|------------|-------|---|
| Course | Remark | Taken | Passed | Points | Avg | Enrl | |
| BIEAP UN 140 STY OF ENGLISH FOR ACADEMIC PURPOSES | CR | 3.0 | 3.0 | 0.0036F A | · (XXX GS) | 18 | i |
| VEEAP OF 145 RTA - LENGLISH FOR ACADEMIC PURPOSES | CR | 3.0 | 3.0 | 0.00 | XXX | 17 | |
| BERTA • UNIVERSITY OF ALBERTA • UNIVERSITY OF ALBERTA | TOTALS | 6.0 | 6.0 | 0.00 | * NIVERSIT | A THE | |

Winter Term 2017

BSc in NFS, Food Sci Tech

| REDTA - HARVEDONTY OF ALDEDTA - HARVEDO | Grade | Units | Units | Grade | lass | Class |
|--|--------|-------|--------|-----------|-----------|-------------|
| Course Description | Remark | Taken | Passed | Points | Avg | Enrl |
| BIALESUN 204 STY OF COMM FUNDAMENTALS FOR PROS | B- | 3.0 | 3.0 | 8.10 ERTA | 13 11 BSI | Y 0"1273R |
| MICRB 265 RTA GENERAL MICROBIOLOG | B- | 3.0 | 3.0 | 8.10 B | 3.09ET | A 269 |
| NU FS 374 FOOD FUND/QUALITY | C+ | 3.0 | 3.0 | 6.90 | 3.3 | 81 |
| DEDTA - HARVEDOUTY OF ALDEDTA - HARVEDOUTY OF | TOTALS | 9.0 | 9.0 | 23 10 | | THE ALMERIA |

GPA: 23.10 grade points / 9.0 units taken = 2.6

Spring Term 2017 BSc in NFS, Food Sci Tech

| BERTA • UNIVERSITY OF ALBERTA • UNIVERSITY OF ALBERTA *E Course ALBERTA • L Description 3ERTA • UNIVERSITY O | Grade Remark | Units Taken | Units Grade | Class | Class Enrl |
|---|-----------------|----------------|----------------------|-------|---------------|
| CMPUT 174 INTRO TO FNDTNS OF CMPUT I | A+ | 3.0 | VERSIT 3.0 NET 12.00 | 3.2 | 79 |

Summer Term 2017

BSc in NFS, Food Sci Tech

| VERSITY OF ALBERT | A . UNIVERSIT | OF ALBERTA | | OF ALBERTA . | Grade | OF Units | Units | | Grade | Class | Class | |
|-------------------|---------------|--------------|-------------|--------------|-----------|--------------|------------------|--------|-------|---------|--------------|--|
| BICourse VERSIT | Y OF Descrip | tionssay o | F ALBERTA . | UNIVERSITY O | Remark | UNITaken | FALB Passed | VERSE | oints | • Avg | Enrl | |
| CMPUT 175 | A INTRO T | FNDTNS | OF CMPUT | CITTREBLY . | LATVERSIT | Y OF ALB 370 | · UNIVERSITY 10 | | 12.00 | 7 43 .5 | ENTA + UI 11 | |
| BERTA • UNIVERSIT | Y OF ALBERTA | UNIVERSITY O | F ALBERTA . | | TOTALS | · UNIVERSITO | OF ALBERTA 3 . 0 | VERSIT | 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

Page 1 (Continued on next page)



EDMONTON, ALBERTA, CANADA T6G 2M7

Tel: 780.492.3113 | Fax: 780.492.7172 | https://www.ualberta.ca/registrar

Accreditation: The University of Alberta is a member of the Association of Universities and Colleges of Canada and the Association of Commonwealth Universities.

Academic Terms: Effective September 1999, all periods of study at the University of Alberta are represented by terms. There are four academic terms—Fall, Winter, Spring and Summer. The Fall and Winter Terms are 13 weeks long plus examination time. The Spring and Summer terms are six weeks long including examination time.

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+ 40 Excellent 4.0 Α 3.7 A-В÷ 3.3 В 3.0 Good 2.7 C+ 2.3 Satisfactory C 2.0 (-1.7 Poor D+ 1.3 Minimal Pass D 1.0 0.0 **Failure**

| Course Gra Graduate S | ides Obtained Students | by |
|--------------------------|---------------------------|-------------------|
| Descriptor | Letter Grade | Grade Point Value |
| | A+ | 4.0 |
| Excellent | Α | 4.0 |
| | A٠ | 3.7 |
| - 1 | B+ | 3.3 |
| Good | 8 | 3.0 |
| 0.116 | B- | 2.7 |
| Satisfactory | C+ | 2.3 |
| | C | 2.0 |
| | C٠ | 1.7 |
| Failure | D+ | 1.3 |
| | Ð | 1.0 |
| | | 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
- 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
- 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)

The 9-Point Grading System (before September 2003)

| Course Grades Obtained by Undergraduate Students | | Course Grades Obtained by Graduate Students |
|---|---|---|
| | 9 Outstanding 8 Excellent 7 Very Good 6 Good 5 Satisfactory | g Excellent 8 7 Good Pass 6 Satisfactory Fail 5 |
| Pass Fail | 4 Minimally acceptable | 4 |
| Γdiii | 3 Unsatisfactory 2 | 3 Unsatisfactory 2 |

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

- 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: (Surname last)

Zhonghao Lu

ID Number:

1513228

Wanted

17-Jan-2020

TARREST TARREST

Month and Day of Birth: September 29

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 UNIVERSITY OF SCIENCE

| VERSITY OF ALBERTA . UNIVERSITY OF ALBERTA . UNIVERSITY | Grade | Units | Units | Grade | Class | Class SI |
|---|--------|-------|--------|-----------|----------------|-------------|
| BICourse VERSITY OF Description PSHY OF ALAC | Remark | Taken | Passed | Points | IA • (Avg RSI | Enrl |
| CMPUT 201 PRACTICAL PROG METHODOLOGY | A- | 3.0 | 3.0 | 11.10 | 1 (2.7 BERT | * 1176 B II |
| 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 SER | 2.9 | 284 |
| VEPSYCO 104 RYA & BASIC PSYCHOLOGICAL PROCESSES | В | - 3.0 | 3.0 | 9.00 | 2.8BEA | 369R |
| STAT N252 NY OF INTRO TO APPLIED STATISTICS II | A+ | 3.0 | 3.0 | 12.00 E | A 376 RS | 114 |
| VERSITY OF ALBERTA • UNIVERSITY OF ALBIT | TOTALS | 15.0 | 15.0 | 55.20 | ALSERI | HAVE ST |

Winter Term 2018

BSc General Computing Science

| SERTA • UNIVERSITY OF ALBERTA • UNIVERS | Grade | Units | Units | Grade | Class | Class |
|---|--------|-------|--------|-----------|------------|--------|
| VECourse ALBERTA • Description | Remark | Taken | Passed | Points/ R | Avg | Enrlas |
| CMPUT 204 SITY OF 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 |
| BECONUN 2813 ITY OF INTERMED MICROECON THEORY I | В | 3.0 | 3.0 | 9.003 | . 2:8 5 | 70 |
| ENGL 102 RIA INTRO TO CRITICAL ANALYSIS | B- | 3.0 | 3.0 | 8.10 | 3.0 | 37 |
| ORNIA * UNIVERSITY OF ALBERTA * UNIVERS | TOTALS | 15.0 | 15 0 | 49 20 | - WHINEHU! | |

GPA: 104.40 grade points / 30.0 units taken = 3.5

First Class Standing

Summer Term 2018

BSc General Computing Science

| VERSITY OF ALBERTA • UNIVERSITY OF ALBERTA | Grade | Units | Units | Grade | Class | Class |
|--|--------|-------|--------|----------------|----------|--------------|
| Course Description | Remark | Taken | Passed | Points | Avg | Enrl |
| ENGL 103 CASE STUDIES IN RESEARCH | B+ | 3.0 | 3.0 | 9.90 | 3.6 | 16 |
| VERSITY OF ALBERTA • UNIVERCULtural Encounters | A | A. | | THITA . UNIVER | | MAN LISBVER |
| BERTA • UNIVERSITY OF ALBERTA • UNIVERSITY OF A SERVICE O | TOTALC | 2.0 | 2.0 | SI 0 003 1 | TA LINES | STY OF ALBER |

GPA: 9.90 grade points / 3.0 units taken = 3.3

September, 12018: Admitted to the Faculty of Science, Bachelor of Science with Specialization program, Computing Science SHY OF ALBERTA & UNIVERSHY ON

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

Page 2 VERSIT (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** Letter Grade Grade Point Value Descriptor 4.0 A+ 4.0 Excellent Α 3.7 A-3.3 Good В 3.0 2.7 23 (+ C 2.0 Satisfactory C-1.7 1.3 Poor D+ D 1.0 Minimal Pass Failure 0.0

Course Grades Obtained by Graduate Students

| Descriptor | Letter Grade | Grade Point Value |
|--------------|--------------|-------------------|
| | A+ | 4.0 |
| Excellent | Α | 4.0 |
| | A- | 3.7 |
| C d | B÷ | 3.3 |
| Good | В | 3.0 |
| G. 15 | 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

- 1 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
- 3 credit withheld
- 4 reexamination granted
- 5 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)
- 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)

The 9-Point Grading System (before September 2003)

| Course Grades Obtained by | | Course Grades Obtained by | | | | | |
|---------------------------|---|---------------------------|--|--|--|--|--|
| Undergraduate Students | | Graduate Students | | | | | |
| 9 8 7 6 5 5 Fail 3 2 1 | Outstanding Excellent Very Good Good Satisfactory Minimally acceptable Unsatisfactory | Pass Fail | 9 Excellent 8 7 Good 6 Satisfactory 5 4 3 Unsatisfactory 2 | | | | |

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

- 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: (Surname last)

Zhonghao Lu

ID Number:

1513228

Wanted

Registrar

Month and Day of Birth: September 29

ISITY OF ALBERTA • UNIVERSITY OF ALBERTA • UNIVERSITY OF ALBERTA • UNIVERSITY OF ALBERTA • UNIVERSITY OF ALBERTA

Fall Term 2018 at BERTA . UNIVERSITY OF A

| /ersity of Alberta • University of Alberta • Universit | Y OF ALBERTA . UNIVERSIT | Y. OF ALGERTA | · UNIVERSITY OF | ALBERTA . HERV | ENSITY ALBE | RTA . ! INIVERSIT |
|--|--------------------------|---------------|------------------|----------------|--------------------|-------------------|
| BERTA • UNIVERSITY OF ALBERTA • UNIVERSITY OF ALBERTA | · UNIVERSITY OF Grade | Units | Units | WERST Grade | Class | Class |
| /ECourse ALRERYA . Description | YOS ALBERTA Remark | y or ∧Taken | · (Hory Passed | ATRE Points | Avg | Enrl |
| CMPUT 301 FINTRO TO SOFTWARE ENGIN | EERING HTY OF A -BERTA | · UNIVERSTO | OF ALBERTA 3 . 0 | VERSIT 11:10 | ENTA . 1 2 . 7 (15 | TY 0 120 |
| CMPUT 340 INTRO NUMERICAL METHODS | Y OF ALBERTA . LA VERSIT | Y OF ALB 3 CO | · UNIVERSIT 3 CO | ALBER 12.00 | ERSITY C2 . 9 E | BIA S 80 RST |
| CMPUT 366 INTELLIGENT SYSTEMS | O UNIVERSITY OF ALBERTA | * UNIVERSITO | OF ALBERTA 3 UN | 11.10 | 3.1 | 169 |
| CMPUT 396 TOPICS IN COMPUTING SCI | ENCE ERSITY OF A-BERTA | - UNIVERS : 0 | OF ALBERTA 3 . 0 | VERS 111.10 | 3.12 | TY 144-91A |
| VERSITY OF ALBERTA . UNIVERGAMES, L Puzzles and T. | Algorithms UNIVERSIT | | · UNIVERSITY OF | ALBERTA . UNIV | | RTA . UNIVERSIT |
| BERTA • UNIVERSITY OF ALBERTA • UNIVERSITY OF ALBERTA | . UNIVERSITY OF TOTALS | · UNIVE 12 TO | DE ALBERT12 LO | VERSIT45, 30 | BERTA - UNIVERS | |

Winter Term 2019

BSc with Specialization Computing Science Science Internship Program

Computing Science

| BERTA - UNIVERSITY OF ALBERTA - UNIVERS | | Grade | Units | Units | Grade | Class ST | Class |
|---|---------------|-----------------|----------|-------------|-----------|----------|-----------|
| Course ALBERTA - UDescription | | Remark | Taken | Passed | Points | Avg | Enrl |
| WKEXP 955 SCIENCE WORK I | EXPERIENCE I | CR | 0.0 | 0.0 | 0.00 | XXX | 27 B |
| BERTA - UNIVERSITY OF ALBER Location: | University of | Alberta - Civil | and Envi | ronment Eng | gineering | Y ALDER | A - UNIVE |

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

| JERSITY OF ALBERTA * UNIVERSITY OF ALBERTA * UNIVERSIT | | Grade Remark | Units Taken | Units Passed | Grade Class | Class Enrl |
|--|--------------------|-----------------|----------------|-----------------|---------------------|---------------|
| WKEXP 956A F SCIENCE WORK | EXPERIENCE II | IP | 0.0 | 0.0 | 0.003 RIII • XXX | 20 |
| PERSITY OF ALBERTA . UNIVER Location | : UAlberta - Civil | and Environ | ment Engir | neering | MVERSITY OF ALBERTA | A - LIMVER |

Summer Term 2019

BSc with Specialization Computing Science Science Internship Program

| 'ERSITY OF ALBERTA • UNIVERSITY OF ALBERT | Grade | Units | Units | Grade E SI | Class 38 TA | Class |
|---|-------------|------------|--------|--------------|--------------|-------|
| Course VERSITY OF Description RSM | Remark | Taken | Passed | Points BER A | Avg | Enrl |
| WKEXP 956B SCIENCE WORK EXPERIENCE II | CR | 0.0 | 0.0 | 0.00 | XXX | 20 |
| Location: Halberta - Civil | and Environ | ment Engir | pering | | · OFFIRE SET | |

Fall Term 2019

BSc with Specialization Computing Science Science Internship Program

| BERTA . UNIVERSITY OF ALBERTA . UNIVERSITY OF ALBERTA | Grade | Units | Units | Grade | Class | Class | |
|--|------------|--------------|------------------|--------------|--------------------|-------|--|
| Course ALBERIA Description ERTA UNIVERSITY | Remark | Taken | Passed All | Points | Avg | Enrl | |
| CMPUT 328 VISUAL RECOGNITION | A | 3.0 | 3.0 | 12.00 | 3.1 | 77 | |
| CMPUT 412 EXPERIMENTAL MOBILE ROBOTICS | A+ | 3.0 % | ALBERTA 3 . DIVE | 12.00 | 3.8 | 7 | |
| ECMPUT 466 PTA • UMACHINE LEARNING UNIVERSITY OF ALBERTA | B | 3.0 0 | NIVERSH3 (O ALI | BERTA9:00 ER | STY C3.1968 | 39 | |
| BERTA • UNIVERSITY OF ALBERTA • UNIVERSITY OF ALBERTA • UNIVERSITY • | OF TOTAL C | MIVERO TO CZ | ALBERTA A UNIVE | RSITANEAGIE | THE PARTY NAMED IN | | |

Grades are Unofficial Until Approved by the Dean

Winter Term 2020 ERTA * UNIVERSITY OF ALBERBSC with Specialization ERSI
RSITY OF ALBERTA * UNIVERSITY OF ALBERTA * UNIVERSITY

| ERSITY OF ALBERTA . | UNIVERSITY OF ALBERTA • I | UNIVERSITY OF ALBERTA . | Grade | Y OF Units | · UNIVEFUNITS | A BER Grade ER | Class | Class |
|-----------------------|---------------------------|-------------------------|--------|--------------|------------------|----------------|--------------|------------|
| Course VERSITY O | Description | ALBERTA · UNIVERSITY OF | Remark | Taken | OF ALB Passed | VERS Points | Avg | Enrl |
| CMPUT 379 | OPERATING SYSTEM | CONCEPTS | | . University | OF ALPEDTA 0.0 | 0.00 | XXX | 71 |
| CMPUT 404 | WEB APPLICATIONS | AND ARCHITECT A | | Y OF ALB 3.0 | · UNIVERSITO . O | ALBERT 0.00 RS | XXX | A . 59 P. |
| BERTA • UNIVERSITY OF | PALBERTA . UNIVERSITY OF | ALBERTA . UNIVERSITY OF | TOTALS | - UNIVER610 | OF ALBERTA 0:0 | VERSIT 0.00 | A . UNIVEILE | YOF ALBERT |

Grades are Unofficial Until Approved by the Dean

Page 3 End of Transcript



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Accreditation: The University of Alberta is a member of the Association of Universities and Colleges of Canada and the Association of Commonwealth Universities.

Academic Terms: Effective September 1999, all periods of study at the University of Alberta are represented by terms. There are four academic terms—Fall, Winter, Spring and Summer. The Fall and Winter Terms are 13 weeks long plus examination time. The Spring and Summer terms are six weeks long including examination time.

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 Α 4.0 3.7 A-B+ 3.3 В 3.0 Good 2.7 C+2.3 Satisfactory C 2.0 C-1.7 Poor D+ 1.3 Minimal Pass D 1.0 0.0 Failure

| Course Gra Graduate S | ides Obtainei itudents | d by |
|--------------------------|---------------------------|-------------------|
| Descriptor | Letter Grade | Grade Point Value |
| | A+ | 4.0 |
| Excellent | A | 4.0 |
| | A- | 3.7 |
| | B+ | 3.3 |
| Good | В | 3.0 |
| C-11-6-1 | В- | 2.7 |
| Satisfactory | C+ | 2.3 |
| | C | 2.0 |
| 1 | Ç- | 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
- 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)
- 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
- 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)

The 9-Point Grading System (before September 2003)

| Course Grades Obtained by Undergraduate Students | | | | Course Grades Obtained by Graduate Students | | | |
|---|------------------|--|------|---|----------------|--|--|
| | 9 8 7 6 | | | graduate Student g Excellent 8 7 Good Pass 6 Satisfactory | | | |
| Pass Fail | 3 2 | Satisfactory Minimally acceptable Unsatisfactory | Fail | 5 4 3 2 | Unsatisfactory | | |
| | - 1 | | | 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

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

failed, inappropriate academic behavior

FI failed, inapprop N credit withheld

R granted a reexamination

S failure, supplemental granted

X student failed to complete a significant part of term work