**UNIVERSITY OF WATERLOO UNDERGRADUATE UNOFFICIAL TRANSCRIPT**   
  
   
  
**Name: Lu,Liu Chen**   
  
**Student ID: 20431145 Date Produced: Oct 28, 2013**   
  
**Ontario Education Nbr: 134354067**   
  
   
  
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**Fall 2013 3B Full-Time**   
  
Program: (Double Degree) Business Administration (WLU) and Computer Science (UW), Honours  
  
   
  
 *Units*   
  
*Course Description Attempt/Earn Grade Credit InGPA Desig DesGrd*   
  
BUS 352W Introduction to 0.50/0.00   
  
 Marketing Management   
  
 (WLU)   
  
BUS 354W Human Resources 0.50/0.00   
  
 Management (WLU)   
  
BUS 383W Financial Management 1 0.50/0.00   
  
 (WLU)   
  
BUS 385W Operations Management 1 0.50/0.00   
  
 (WLU)   
  
CS 341 Algorithms 0.50/0.00   
  
STAT 231 Statistics 0.50/0.00   
  
   
  
 Term summary statistics available on Jan 23, 2014   
  
   
  
   
  
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**Spring 2013 3A Full-Time**   
  
Program: (Double Degree) Business Administration (WLU) and Computer Science (UW), Honours  
  
   
  
 *Units*   
  
*Course Description Attempt/Earn Grade Credit InGPA Desig DesGrd*   
  
BUS 231W Business Law (WLU) 0.50/0.50 A Y Y   
  
BUS 247W Managerial Accounting 0.50/0.50 A Y Y   
  
 (WLU)   
  
CO 342 Introduction to Graph 0.50/0.50 91 Y Y   
  
 Theory   
  
CS 240 Data Structures and Data 0.50/0.50 88 Y Y   
  
 Management   
  
CS 241 Foundations of 0.50/0.50 92 Y Y   
  
 Sequential Programs   
  
   
  
Term Avg 89.80 Term Units In Avg 2.50 Term Units Earned 2.50   
  
Cumulative Avg 88.19 Total Units In Avg 13.50 Total Units Earned 13.50   
  
Total Units Taken 14.00 Total Units Passed 13.50   
  
 Total Transfer Units 1.00   
  
   
  
Faculty Average 88.29 Calculated On Sep 03, 2013   
  
Major Average 89.83 Business & CS (Double Degree) Calculated On Sep 03, 2013   
  
**Academic Standing: Excellent standing**   
  
**Honours: Term Dean's Honours List**   
  
   
  
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**Winter 2013 3A Part-Time**   
  
Program: (Double Degree) Business Administration (WLU) and Computer Science (UW), Honours  
  
   
  
 *Units*   
  
*Course Description Attempt/Earn Grade Credit InGPA Desig DesGrd*   
  
CS 245 Logic and Computation 0.50/0.50 100 Y Y   
  
ECON 250W Intermediate 0.50/0.50 A Y Y   
  
 Macroeconomic Analysis   
  
 for Management (WLU)   
  
   
  
Term Avg 94.50 Term Units In Avg 1.00 Term Units Earned 1.00   
  
Cumulative Avg 87.82 Total Units In Avg 11.00 Total Units Earned 11.00   
  
Total Units Taken 11.50 Total Units Passed 11.00   
  
 Total Transfer Units 1.00   
  
   
  
Faculty Average 87.93 Calculated On May 06, 2013   
  
Major Average 90.00 Business & CS (Double Degree) Calculated On May 06, 2013   
  
**Academic Standing: Excellent standing**   
  
   
  
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**Fall 2012 2B Full-Time**   
  
Program: (Double Degree) Business Administration (WLU) and Computer Science (UW), Honours  
  
   
  
 *Units*   
  
*Course Description Attempt/Earn Grade Credit InGPA Desig DesGrd*   
  
BUS 227W Introduction to 0.50/0.50 A- Y Y   
  
 Financial Accounting   
  
 (WLU)   
  
BUS 288W Organizational Behaviour 0.50/0.50 A- Y Y   
  
 1 (WLU)   
  
CO 255 Introduction to 0.50/0.50 85 Y Y   
  
 Optimization (Advanced   
  
 Level)   
  
CS 246 Object-Oriented Software 0.50/0.50 85 Y Y   
  
 Development   
  
STAT 240 Probability (Advanced 0.50/0.50 78 Y Y   
  
 Level)   
  
   
  
Term Avg 82.80 Term Units In Avg 2.50 Term Units Earned 2.50   
  
Cumulative Avg 87.15 Total Units In Avg 10.00 Total Units Earned 10.00   
  
Total Units Taken 10.50 Total Units Passed 10.00   
  
 Total Transfer Units 1.00   
  
   
  
Faculty Average 87.00 Calculated On Jan 07, 2013   
  
Major Average 86.67 Business & CS (Double Degree) Calculated On Jan 07, 2013   
  
**Academic Standing: Excellent standing**   
  
   
  
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**Spring 2012 2A Full-Time**   
  
Program: (Double Degree) Business Administration (WLU) and Computer Science (UW), Honours  
  
   
  
 *Units*   
  
*Course Description Attempt/Earn Grade Credit InGPA Desig DesGrd*   
  
CS 246 Object-Oriented Software 0.50/0.00 WD N N   
  
 Development   
  
CS 251 Computer Organization 0.50/0.50 92 Y Y   
  
 and Design   
  
MATH 239 Introduction to 0.50/0.50 90 Y Y   
  
 Combinatorics   
  
MATH 245 Linear Algebra 2 0.50/0.50 86 Y Y   
  
 (Advanced Level)   
  
MATH 247 Calculus 3 (Advanced 0.50/0.50 91 Y Y   
  
 Level)   
  
   
  
Term Avg 89.75 Term Units In Avg 2.00 Term Units Earned 2.00   
  
Cumulative Avg 88.60 Total Units In Avg 7.50 Total Units Earned 7.50   
  
Total Units Taken 8.00 Total Units Passed 7.50   
  
 Total Transfer Units 1.00   
  
   
  
Faculty Average 88.30 Calculated On Aug 31, 2012   
  
Major Average 87.50 Business & CS (Double Degree) Calculated On Aug 31, 2012   
  
**Academic Standing: Excellent standing**   
  
   
  
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**Winter 2012 1B Full-Time**   
  
Program: (Double Degree) Business Administration (WLU) and Computer Science (UW), Honours  
  
   
  
 *Units*   
  
*Course Description Attempt/Earn Grade Credit InGPA Desig DesGrd*   
  
BUS 121W Functional Areas of the 0.50/0.50 A- Y Y   
  
 Organization (WLU)   
  
CS 136 Elementary Algorithm 0.50/0.50 83 Y Y   
  
 Design and Data   
  
 Abstraction   
  
ECON 140W Introduction to 0.50/0.50 A Y Y   
  
 Macroeconomics (WLU)   
  
MATH 146 Linear Algebra 1 0.50/0.50 89 Y Y   
  
 (Advanced level)   
  
MATH 148 Calculus 2 (Advanced 0.50/0.50 83 Y Y   
  
 Level)   
  
PHYS 122 Waves, Electricity and 0.50/0.50 84 Y Y   
  
 Magnetism   
  
   
  
Term Avg 85.17 Term Units In Avg 3.00 Term Units Earned 3.00   
  
Cumulative Avg 88.18 Total Units In Avg 5.50 Total Units Earned 5.50   
  
Total Units Taken 5.50 Total Units Passed 5.50   
  
 Total Transfer Units 1.00   
  
   
  
Faculty Average 87.33 Calculated On May 03, 2012   
  
**Academic Standing: Excellent standing**   
  
   
  
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**Fall 2011 1A Full-Time**   
  
Program: (Double Degree) Business Administration (WLU) and Computer Science (UW), Honours  
  
   
  
 *Units*   
  
*Course Description Attempt/Earn Grade Credit InGPA Desig DesGrd*   
  
BUS 111W Introduction to Business 0.50/0.50 A+ Y Y   
  
 Organization (WLU)   
  
CS 135 Designing Functional 0.50/0.50 90 Y Y   
  
 Programs   
  
ECON 120W Introduction to 0.50/0.50 A+ Y Y   
  
 Microeconomics (WLU)   
  
MATH 135 Algebra for Honours 0.50/0.50 85 Y Y   
  
 Mathematics   
  
MATH 147 Calculus 1 (Advanced 0.50/0.50 94 Y Y   
  
 Level)   
  
   
  
Term Avg 91.80 Term Units In Avg 2.50 Term Units Earned 2.50   
  
Cumulative Avg 91.80 Total Units In Avg 2.50 Total Units Earned 2.50   
  
Total Units Taken 2.50 Total Units Passed 2.50   
  
 Total Transfer Units 1.00   
  
   
  
Faculty Average 89.67 Calculated On Jan 05, 2012   
  
**Academic Standing: Excellent standing**   
  
**Honours: Term Dean's Honours List**   
  
   
  
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**Transfer Credits**   
  
Transfer Credit not used toward level progression: 1.00   
  
**Transfer Credits from AP-Waterloo Collegiate**   
  
Applied toward Computer Science H Dbl Dgree Program   
  
   
  
 **Fall 2011**   
  
 *Course Description Attempted/Earned Grade Designation*   
  
CHEM 1XX CHEM Transfer Credit 0.50/0.50 T   
  
PHYS 1XX PHYS Transfer Credit 0.50/0.50 T   
  
 Credits Transferred: 1.00   
  
   
  
**Non-Course Milestones**   
  
English Proficiency Completed September 07, 2011   
  
   
  
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