

## Northwestern University

### Office of the Registrar – Transcript Services

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30-Oct-2021

Doc ID: 36640491

Student Transcript: Meng Lu

Dear MengLu

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**Northwestern University**  
633 Clark Street  
Evanston, IL 60208  
United States

Name: Lu,Meng  
Student ID: 2791688

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## Official Graduate Transcript

Print Date: 10/30/2021

### Degrees Awarded

Degree: Master of Science  
Confer Date: 03/27/2015  
Plan: Computer Science Major

### Beginning of The Graduate School Record

2013 Fall (09/24/2013- 12/13/2013)  
Program: Electrical Engineering: MS

| Course     | Description            | Attempted | Earned | Grade | Points |
|------------|------------------------|-----------|--------|-------|--------|
| EECS 359-0 | Dig Sig Process        | 1.000     | 1.000  | B+    | 3.300  |
| EECS 395-0 | Special Topics in EECS | 1.000     | 1.000  | A     | 4.000  |
| EECS 410-0 | System Theory          | 1.000     | 1.000  | A-    | 3.700  |

## 2014 Winter (01/06/2014- 03/21/2014)

Program: Electrical Engineering: MS

| Course     | Description                     | Attempted | Earned | Grade | Points |
|------------|---------------------------------|-----------|--------|-------|--------|
| EECS 330-0 | Human Computer Interaction      | 1.000     | 1.000  | A     | 4.000  |
| EECS 336-0 | Design & Analysis of Algorithms | 1.000     | 1.000  | C+    | 2.300  |
| EECS 349-0 | Machine Learning                | 1.000     | 1.000  | A     | 4.000  |
| EECS 431-0 | Human Perception & Elect Media  | 1.000     | 1.000  | C+    | 2.000  |

2014 Spring (03/31/2014- 06/13/2014)

Program: Electrical Engineering: MS

| Course        | Description                   | Attempted | Earned | Grade | Points |
|---------------|-------------------------------|-----------|--------|-------|--------|
| EECS 495-0    | Special Topics in EECS        | 1.000     | 1.000  | A     | 4.000  |
| Course Topic: | Tang. Interac. Design & Learn |           |        |       |        |
| EECS 499-0    | Projects                      | 1.000     | 1.000  | A     | 4.000  |
| STAT 365-0    | Intro Analysis Financial Data | 1.000     | 1.000  | B+    | 3.300  |

## 2014 Fall (09/23/2014- 12/12/2014)

Program: Computer Science: MS

| Course        | Description                    | Attempted | Earned | Grade | Points |
|---------------|--------------------------------|-----------|--------|-------|--------|
| EECS 495-0    | Special Topics in EECS         | 1.000     | 1.000  | A     | 4.000  |
| Course Topic: | Prob. Syst. and Random Signals |           |        |       |        |
| EECS 499-0    | Projects                       | 1.000     | 1.000  | A     | 4.000  |
| EECS 590-0    | Research                       | 1.000     | 1.000  | P     | 0.000  |

**2015 Winter (01/05/2015- 03/20/2015)**

Program: Computer Science: MS

### Non-Course Milestones

Advisor:   
 Program: Computer Science: MS  
 Milestone Title: Goce Traicevski

Masters Committee  
Program: Computer Science: MS  
Milestone Title: Goce Traicevski, Douglas C. Downey

Masters Thesis/Project Program: Computer Science: MS  
Milestone Title: NO THESIS REQUIRED

**End of Official Graduate Transcript**



  
Jacquelyn F. Casazza  
University Registrar

**NORTHWESTERN UNIVERSITY**  
**Evanston, Illinois**

**ACCREDITATION**

Northwestern University is accredited by the Higher Learning Commission ([www.hlcommission.org](http://www.hlcommission.org)). Other professional, college, school, and departmental accreditations are listed here:  
[http://www.registrar.northwestern.edu/academic\\_records/index.html](http://www.registrar.northwestern.edu/academic_records/index.html)  
Northwestern University's CEEB code is 001739.

**OFFICE OF RECORD**

The Office of the Registrar, 633 Clark Street, Evanston, Illinois 60208, (847) 491-5234, fax: (847) 491-8458, [www.registrar.northwestern.edu](http://www.registrar.northwestern.edu), issues transcripts of records for the following schools in the University. Such transcripts are a complete and chronological listing of all courses attempted in any of the schools listed.

|   |   |
|---|---|
| Bienen School of Music                              | Kellogg School of Management  |
| Dental School (closed 2001)                         | School of Communication (formerly Speech)                               |
| The Graduate School                                 | School of Education and Social Policy                                   |
| McCormick School of Engineering and Applied Science | Weinberg College of Arts and Sciences                                   |
| Graduate Nursing School (closed 1990)               | Medill School of Journalism, Media, Integrated Marketing Communications |
| Physician Assistant Program                         | Prosthetics-Orthotics (Master's program only)                           |

The Office of the Dean/Director of each school/program listed below issues transcripts of records for these units. These transcripts must be requested separately and in addition to any transcripts from other Northwestern schools.

Northwestern Pritzker School of Law (312) 503-8464, [www.law.northwestern.edu](http://www.law.northwestern.edu)  
Northwestern University in Qatar 974-4454-5072, [www.qatar.northwestern.edu](http://www.qatar.northwestern.edu)  
Feinberg School of Medicine (312) 503-1369 [www.feinberg.northwestern.edu](http://www.feinberg.northwestern.edu)  
School of Professional Studies (312) 503-6950 [www.sps.northwestern.edu](http://www.sps.northwestern.edu)  
Physical Therapy (312) 908-8160 [www.feinberg.northwestern.edu/sites/pthms/](http://www.feinberg.northwestern.edu/sites/pthms/)  
Prosthetics-Orthotics (certificates) (312) 503-5700 [www.nupoc.northwestern.edu/](http://www.nupoc.northwestern.edu/)

**ACADEMIC CALENDARS**

Northwestern University offers programs on numerous calendars. Unless listed specifically below, the calendar on this transcript is a quarter system consisting of three quarters lasting approximately 10 weeks and one summer session lasting 10-11 weeks. Terms may include shorter sessions. The Executive MBA Program through the Kellogg School of Management is an exception with class meetings on designated weekends during terms corresponding to the quarter calendar.

Northwestern University in Qatar operates on a traditional semester calendar consisting of two terms each lasting 16 weeks and one summer term.

The Physician Assistant Program operates on a trimester calendar consisting of three terms each lasting 16 weeks.

The Physical Therapy Program operates on a semester calendar consisting of three terms each lasting 16 weeks.

The Prosthetics-Orthotics master's program uses a course unit system in which a 1 in the earned and attempted column = 1-unit course. For the purpose of transfer credit, one unit should be considered to be the equivalent of four quarter hours or 2 2/3 semester hours.

**CREDIT**

For quarter-based programs, in September 1969 NU began using a course unit system in which a 1 in the earned and attempted column = 1-unit course. For the purpose of transfer credit, one unit should be considered to be the equivalent of **four quarter hours or 2 2/3 semester hours**.

Prior to 2006 the Summer Session was based on a semester system and credits taken in that context should be considered to be the equivalent of four quarter hours or three semester hours.

*For an explanation of credits earned in quarter-based programs prior to 1969:*  
[http://www.registrar.northwestern.edu/academic\\_records/index.html](http://www.registrar.northwestern.edu/academic_records/index.html)

The Physician Assistant program uses a trimester hour credit measure in which each credit hour corresponds to an hour of meeting time for each week of a 16-week trimester.

The Physical Therapy program uses a semester hour credit measure in which each credit hour corresponds to an hour of meeting time for each week of a 16-week semester.

The Prosthetics-Orthotics master's program uses a course unit system in which a 1 in the earned and attempted column = 1 course. For the purpose of transfer credit, one course should be considered to be the equivalent of four quarter hours or 2 2/3 semester hours.

Northwestern University in Qatar uses a course unit system in which a 1 in the earned and attempted column = 1-unit course. For the purposes of transfer credit, one unit should be considered to be the equivalent of four semester hours.

**GRADE POINT AVERAGE (GPA)**

All courses attempted are recorded on the transcript and used in the GPA calculation. GPA is computed by taking the total grade points divided by the attempted units. NR, T, TR, P, N, K, S, U, and W grades are not included in GPA calculations.

Northwestern University does not calculate major GPAs nor does it rank its students.

**EXPLANATION OF GRADE POINTS AND GRADES**

*For grade categories and years not represented below visit:*  
[www.registrar.northwestern.edu/academic\\_records/index.html](http://www.registrar.northwestern.edu/academic_records/index.html)

**Note: GPAs are not calculated on official graduate and professional transcripts.**

**ABC GRADING SCALE**

| Grade Points | Grade | Description       |
|--------------|-------|-------------------|
| 4.0          | A     | Excellent         |
| 3.7          | A-    |                   |
| 3.3          | B+    |                   |
| 3.0          | B     | Good              |
| 2.7          | B-    |                   |
| 2.3          | C+    |                   |
| 2.0          | C     | Satisfactory      |
| 1.7          | C-    |                   |
| 1.0          | D     | Poor but passing  |
| 0.0          | F     | Fail              |
| 0.0          | X     | Missed final exam |
| 0.0          | Y     | Work incomplete   |

**BY SCHOOL, WHEN THE GRADE RUBRIC ABOVE IS APPLICABLE**

|  |                          |
|--|--------------------------|
| Undergraduate Programs   | September 1982 - present |
| Bienen School of Music (graduate programs)   | January 2005 – present   |
| School of Communication (graduate programs)  | September 2005 - present |
| School of Education and Social Policy (graduate programs – D grade not used)                                   | March 2005 - present     |
| The Graduate School (D grade not used)   | September 2004 - present |
| Medill School of Journalism, Media, Integrated Marketing Communications (graduate programs – D grade not used) | October 1986 - present   |
| McCormick School of Engineering and Applied Science (graduate programs)  | September 1996 - present |

**GRADE POINTS AND GRADES USED BY KELLOGG SCHOOL OF MANAGEMENT (non-executive MBA Programs)**

| Grade Points | Grade | Description       |
|--------------|-------|-------------------|
| 4.0          | A     | Excellent         |
| 3.0          | B     | Good              |
| 2.0          | C     | Satisfactory      |
| 1.0          | D     | Poor but passing  |
| 0.0          | F     | Fail              |
| 0.0          | X     | Missed final exam |
| 0.0          | Y     | Work incomplete   |

**TRANSCRIPT NOTATIONS AND ABBREVIATIONS CURRENTLY IN USE**

|    |  |
|----|--|
| HP | High Pass  |
| K  | Indicates work in progress°  |
| LP | Low Pass   |
| N  | No grade, no credit°   |
| NR | No grade Reported by Instructor  |
| P  | Pass with credit°  |
| S  | Satisfactory (non-credit course)   |
| T  | Transfer grade° (Spring Quarter 1969-70, full academic credit)   |
| TR | Transfer grade° (Qatar Campus)   |
| U  | Unsatisfactory (non-credit course)   |
| V  | Visitor (auditor)  |
| W  | Withdrew - with permission   |
| X  | Absent from final examination°°  |
| Y  | Incomplete - Additional work required°°  |
| °  | Not included in either the quarterly or the cumulative grade point average   |
| °° | Carries zero grade points and included in calculation of GPA. Both the quarterly and cumulative GPA are changed if a final grade is reported |

**TRANSCRIPT SYMBOLS**

|    |                                   |
|----|-----------------------------------|
| *  | Grades received by special report |
| #  | Duplication                       |
| ## | Not applicable toward degree      |

*For transcript notations and symbols not described here:*  
[http://www.registrar.northwestern.edu/academic\\_records/index.html](http://www.registrar.northwestern.edu/academic_records/index.html)

**DEGREES AWARDED**

For a complete list of degrees awarded:  
[www.registrar.northwestern.edu/academic\\_records/index.html](http://www.registrar.northwestern.edu/academic_records/index.html)

**TRANSFER CREDIT**

Undergraduate records document articulated transfer credit by listing the institution of record and a T grade for each approved course. Grades for work transferred from another institution are not recorded. If such grades are needed the student must request a transcript directly from the awarding institution.

**STATUS**

Students should be regarded as in good academic standing unless otherwise noted. Each unit devises a probation/suspension/withdrawal policy, as well as academic eligibility to re-enroll after an absence.

**COURSE NUMBERING SYSTEM**

|             |  |
|-------------|--|
| A/100 level | Courses primarily for freshmen and sophomores, usually without college prerequisite.   |
| B/200 level | Courses primarily for sophomores and juniors, usually with the prerequisite of an A/100 level course in the same or a related department.                  |
| C/300 level | Courses primarily for upperclassmen and graduates, often with the prerequisites of an A/100 and/or B/200 level course in the same or a related department. |
| D/400 level | Courses or seminars primarily for graduates, in which the major part of the work is not research.  |
| E/500 level | Courses for graduates only; seminars in which the work is primarily research, or special research by the individual student under faculty direction.       |

**COURSE SUBJECTS AND DESCRIPTIONS**

For more details: [www.northwestern.edu/caesar/](http://www.northwestern.edu/caesar/)

This Transcript Key was last updated in September 2016.