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Academic Transcript of: 8260558598 STATE OF MICHIGAN UIC University Registrar Fall 2013 Rackham MSH CTP Grade Hours NON-UNIVERSITY OF MICHIGAN ACADEMIC EXPERIENCE EARTH 599 Independent Study 6.00 6.00 6.00 24.00 MATH 555 3.00 3.00 3.00 Complex Variable 11.10 UNIV ILLINOIS URBANA-CHAMPAIGN Term Total 3.900 9.00 9.00 9.00 CHAMPAIGN BACHELOR OF SCIENCE Winter 2014 Grade Hours MSH CTP MHP EARTH 468 Data and Models IA 3.00 3.00 3.00 12.00 4.00 EARTH 483 4.00 4.00 16.00 Seismology 599 Independent Study 2.00 2.00 2.00 BEGINNING OF GRADUATE RECORD EARTH 8.00 Term Total 9.00 9.00 9.00 Fall 2012 Rackham Grade Hours MHP MSH CTP Research Methods NS 1.00 0.00 1.00 0.00 Fall 2014 Rackham Hours MSH CTP EARTH 525 4.00 4.00 14.80 8.00 Tectonophysic EARTH Diss-Cand 0.00 8.00 EARTH 1.00 8.00 0.00 8.00 531 Sem Geol Prob 1.00 1.00 4.00 Term Total 1.00 1.00 4.30 EARTH 534 Geophys&Tect 1.00 471 MATH Intr Num Meth 3.00 3.00 3.00 12.00 Winter 2015 Rackham Grade Hours MSH CTP MHP 511 Solid Continua 3.00 3.00 3.00 9.90 AOSS 4.00 4.00 4.00 16.00 MECHENG 555 Spectral Methods Term Total 13.00 12.00 13.00 45.00 8.00 0.00 8.00 EARTH Diss-Cand Term Total 12.00 4.00 12.00 16.00 Winter 2013 Rackham Grade Hours MSH CTP MHP EARTH Intro Linux Prog 2.00 2.00 8.60 Fall 2015 Rackham Hours MSH CTP MHP 0.00 1.00 0.00 8.00 0.00 8.00 0.00 EARTH 534 Geophys&Tect 1.00 EARTH Diss-Cand EARTH 599 Independent Study 3.00 3.00 3.00 12.00 Term Total 8.00 0.00 8.00 0.00 450 Adv Math Engrs 4.00 4.00 4.00 16.00 MATH 4.000 9.00 10.00 36.60 Grade Hours MSH CTP Term Total 10.00 Winter 2016 Rackham EARTH 995 Diss-Cand 8.00 0.00 8.00 0.00 8.00 0.00 Term Total Rackham Rackham A BLACK AND WHITE TRANSCRIP This Transcript is printed on security paper with a blue background IS NOT AN ORIGINAL

Academic Transcript of: STUDENT ID NUMBER 8260558598 STATE OF MICHIGAN UIC **UNIVERSITY OF MICHIGAN** ANN ARBOR, MI 48109-1382 OFFICE OF THE REGISTRAR University Registrar GRADUATE REMARKS 07-APR-2014 Preliminary Examination Fall 2014 Advance to Candidacy DISSERTATION COMMITTEE: RITSEMA, JEROEN, MEMBER HETLAND, ERIC A, CHAIR BASSIS, JEREMY N , COGNATE VAN KEKEN, PETER E, MEMBER NIEMI, NATHAN A, MEMBER END OF GRADUATE RECORD End of Transcript Total Number of Pages AND/OR LEAD TO STUDENT A BLACK AND WHITE TRANSCRIPT This Transcript is printed on security paper with a blue background IS NOT AN ORIGINAL

DEFINITION OF AN OFFICIAL TRANSCRIPT

An Official Transcript is one that has been received directly from the issuing institution. It must bear the University seal, date and signature of the registrar. Transcripts received that do not meet these requirements should not be considered official and should be routinely rejected for any permanent use. This definition of an official transcript has been endorsed by the Michigan Association of Collegiate Registrars and Admissions Officers.

ACCREDITATION

The three campuses of the University of Michigan are accredited by the North Central Association of Colleges and Schools - Higher Learning Commission. Many of the departments and programs within the University are also accredited by various agencies. Detailed information about these agencies and the accreditation process is available from the Dean's office of each academic unit.

CALENDAR

The University of Michigan operates under the trimester calendar. A unit of credit is a semester hour.

ELIGIBILITY FOR ENROLLMENT

Unless otherwise indicated, a student is eligible to enroll.

EXPLANATION OF COLUMN HEADINGS

HRS = Elected Hours/Units; MSH = GPA Semester Hours; CTP = Credit Toward Program; MHP = GPA Honor Points.

ABBREVIATIONS FOR CREDIT CONDITIONS

AGC = Approved for Graduate Credit; CBE = Credit by Exam; DCO = Degree Credit Only; NDC = Not for Undergraduate degree credit; NFC = Not for Credit; NGD = Not for Graduate Degree Credit; REP = Repetition.

STUDY ABROAD

Study abroad credit is considered upper level unless otherwise noted.

LETTER GRADES

9.0 GRADING SCALE (A+ through B = Pass unless otherwise noted)
A+ = 9.0; A = 8.0; A- = 7.0; B+ = 6.0; B = 5.0; B- = 4.0; C+ = 3.0; C = 2.0; C- = 1.0; D+ = 0.0; D = 0.0; D- = 0.0; E = 0.0.

4.4 GRADING SCALE

A + = 4.4; A = 4.0; A - = 3.7; B + = 3.4; B = 3.0; B - = 2.7; C + = 2.4; C = 2.0; C - = 1.7; D + = 1.4; D = 1.0; D - = 0.7; E = 0.0.

4.3 GRADING SCALE

A+=4.3; A=4.0; A-=3.7; B+=3.3; B=3.0; B-=2.7; C+=2.3; C=2.0; C-=1.7; D+=1.3; D=1.0; D-=0.7; E=0.0.

4.0 GRADING SCALE

A + = 4.0; A = 4.0; A - = 3.7; B + = 3.3; B = 3.0; B - = 2.7; C + = 2.3; C = 2.0; C - = 1.7; D + = 1.3; D = 1.0; D - = 0.7; E = 0.0.

ADDITIONAL GRADES

EX = EXCELLENT; GD = GOOD; PS = PASS; LP = LOW PASS; F = FAIL (EX, GD, PS and LP = Pass)

CR = Credit; NC = No credit; S = Satisfactory; U = Unsatisfactory; P = Pass; F = Fail;

I = Incomplete (I OR IL followed by a letter grade indicates an initial incomplete that has been given a final grade.); NR = No grade reported;

= Grade not submitted; ED = Unofficial drop; VI = Audit or Visit; W = Withdrew from course; Y = Extended multi-term class

M = Marginal; IPL = Incomplete Permanent Lapse

COMPUTATIONS FOR TERM OR CUMULATIVE GPA: Term GPA = Term MHP/Term MSH; Cumulative GPA = Cumulative MHP/Cumulative MSH; Example: 42.0 MHP/12.0 MSH = 3.5 GPA.