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MAY 10, 2023

Office of the University Registrar

Page 1 of 3 Degrees Awarded: M.S. IN ENGINEERING DATA ANALYTICS AND

STATISTICS MAY 10, 2023 B.S. IN COMPUTER SCIENCE + MATHEMATICS MAY 10, 2023

GRADUATED WITH ENGR HONORS: SUMMA CUM LAUDE

MINOR IN GENERAL ECONOMICS MAY 10, 2023

Fall Semester 2019

INTRODUCTION TO COMPUTER SCIENCE
GENERAL CHEMISTRY I

PEER-LED TEAM-LEARNING: GENERAL CHEMISTRY I

Baraban, Asher Isaac

RECIPIENT AS DESIGNATED BY STUDENT

11/15/2000

11/18/2024

Student ID Number: 474257

GENERAL CHEMISTRY LABORATORY

CALCULUS\III

Record Of:

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ate Of Birth:

Transcript Issued

PEER-LED TEAM LEARNING: CALCULUS III

COLLEGE WRITING: CITIZEN SCIENTIST

Enrolled Units 16.0

Semester GPA 4.00

Cumulative Units 29.0

Cumulative GPA 4.00

CSE

CHEM

CHEM

CHEM

MATH

MATH

CWP

CSE

ECON

MATH

HBRW

CSE

ECON

MATH

MATH

HBRW

CSE

ANTHRO

PHYSICS

PHYSICS

PHYSICS

E81 131 L07 111A

T.07 111P

T₀7 151

L24 233

L59 112

E81 247

L11 1021

L24 310

L31 192

L31 192L

L31 192P

L74 2012

E81 330S

L24 3200

L24 370

L48 3135

L74 320D

L11 1011 3.0

L24 233P

3.0

1.0

2.0

3.0

1.0

3.0

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Spring Semester 2020

DATA STRUCTURES AND ALGORITHMS

OINTRODUCTION TO MACROECONOMICS

FOUNDATIONS FOR HIGHER MATHEMATICS

PHYSICS II

PHYSICS II
PHYSICS II LABORATORY
PEER LED TEAM LEARNING
SECOND YEAR MODERN HEE PEER LED TEAM LEARNING: PHYSICS

SECOND YEAR MODERN HEBREW

Semester GPA 4.00 Enrolled Units 17.0

Cumulative Units 46.0

Cumulative GPA 4.00

RAPID PROTOTYPE DEVELOPMENT AN INTRODUCTION TO MICROECONOMICS ELEMENTARY TO INTERV RAPID PROTOTYPE DEVELOPMENT AND CREATIVE PROGRAMMING

ELEMENTARY TO INTERMEDIATE STATISTICS AND DATA ANALYSIS

INTRODUCTION TO COMBINATORICS

THE PANDEMIC: SCIENCE AND SOCIETY THIRD-LEVEL MODERN HEBREW I

Enrolled Units 17.0

Cumulative GPA 4.00

Spring Semester 2021

INTRODUCTION TO QUANTUM COMPUTING

INTRODUCTION TO QUANTUM COMPUTING
INTRODUCTION TO ARTIFICIAL INTELLIGENCE

INTERMEDIATE MICROECONOMIC THEORY

NUMBER THEORY AND CRYPTOGRAPHY

THIRD-LEVEL MODERN HEBREW II

AMERICAN POLITICS

SSUED

CSE E81 511A AΗ ECON T.11 4011 3.0 A+ MATH L24 4351 3.0 Α L74 322D 3.0 HBRW A+ AMCS L98 101B 3.0

E81 468T

Keri A. Disch, University Registrar

A+

P#

Page 2 of 3 Office of the University Registrar Student ID Number:

Value of Birth: 474257 11/15/2000 2 Spring Semester 2021 Ä Enrolled Units 18.0 Cumulative Fall Semester 2021 INTERMEDIATE MACROECONOMIC L11 4021 GAME THEORY ECON L11 467 3.0 LINEAR ALGEBRA
TOPICS IN FINANCIAL MATHEMATICS
PROBABILITY MATH L24 429 3.0 MATH L24 456 Α L24 493 MATH **ECORD** Semester GPA 4.00 Cumulative GPA 4.00 Enrolled Units 15.0 Cumulative Units 99.0 Spring Semester 2022 PROBABILITY AND STOCHASTIC PROCESSES E35 520 INTRODUCTION TO MACHINE LEARNING MODERN ALGEBRA
LINEAR STATISTICAL MODELS
CONVERSATIONAL HEBREW CSE E81 417T 3.0 Α MATH L24 430 3.0 MATH T.24 439 3.0 A+ HBRW THIS Enrolled Units 15.0 Cumulative Units 114.0 Cumulative GPA 4.00 Tall Semester 2022 ENGR E60 310 3.0 ECHNICAL WRITING E81 347 3.0

NALYSIS OF ALGORITHMS

INDEPENDENT STUDY

SINTRODUCTION TO ANALYSIS

MATHEMATICAL STATISTICS

Enrolled Units 15.0

E81 400E

L24 4111

L24 494

3.0

3.0

3.0

CSE

CSE

MATH

MATH

Spring Semester 2023

OPTIMIZATION TO LOOK WILLIAM TO THE CONTROL OF THE	ESE	E35	415	3.0	A+
STATISTICAL METHODS FOR DATA ANALYSIS WITH APPLICATIONS TO FINANCIAL ENGINEERING	ESE	E35	4261	3.0	A+
DETECTION AND ESTIMATION THEORY CLINICTON INVERSITY IN STAINING.	ESE	E35	524	3.0/	A+
PRACTICUM IN DATA ANALYTICS & STATISTICS	ESE	E35	527	3.0	A+
ELECTRICAL & SYSTEMS ENGINEERING GRADUATE SEMINAR	ESE	E35	590	0 • \	S
CTOCHA CTIC INDOCECTES CLINICION LINIVEDCITY IN CTIL OF ICA MANAGEMENT	MATTI	T 2 4	105		\bigcirc

Semester GPA 4.00 Cumulative Units 144.0 Cumulative GPA 4.00 Enrolled Units 15.0

Remarks

SSUED

뽀	FL2019 FR	.OM:	ADVANCED PLACEMENT	CALCULUS I OUIS • WASHINGTON UNIVERSITY IN ST. LOUI	0 UNITS
⊢ I	FL2019 FR	.OM:	ADVANCED PLACEMENT	CALCULUS / LIDOITY IN ST. LOUIS . WASHINGTON LINIVEDS!	0 UNITS
E	FL2019 FR	.OM:	ADVANCED PLACEMENT	PHYSICS I	0 UNITS
≶ Ш	FL2019 FR	.OM:	ADVANCED PLACEMENT	PHYSICS I LABORATORY NVERSILY IN SI. LOUIS • WASHING I	O UNITS VEHS
ᅙ	FL2019 FR	.OM://	ADVANCED PLACEMENT	TOTAL CREDIT GRANTED BY PREMATRICULATION UNITS	13.0 UNITS

FIRST YEAR MODERN HEBREW II

SP2020 FROM: BACK CREDIT SP2020 SPECIAL NOTE: GIV SP2020 SPECIAL NOTE: DUF SP2020 SPECIAL NOTE: GIVEN THE COVID-19 DISRUPTION, DEAN'S LIST WAS NOT AWARDED DURING SPRING 2020. DURING THE SPRING OF 2020, A GLOBAL PANDEMIC REQUIRED SIGNIFICANT CHANGES TO

Keri A. Disch, University Registrar

ISSUED

Washington University in St. Louis

Office of the University Registrar

One Brookings Drive, Campus Box 1143, St. Louis, MO 63130-4899 www.registrar.wustl.edu 314-935-5959

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Degrees conferred by Washington University and current programs of study appear on the first page of the transcript. The Degrees Awarded section lists the date of award, the specific degree(s) awarded and the major field(s) of study.

Courses in which the student enrolled while at Washington University are listed in chronological order by semester, each on a separate line beginning with the course title followed by the academic department abbreviation, course number, credit hours, and grade.

Honors, awards, administrative actions, and transfer credit are listed at the end of the document under "Distinctions, Prizes and Awards" and "Remarks".

Course Numbering System

In general course numbers indicate the following academic levels: courses 100-199 = first-year; 200-299 = sophomore; 300-399 = junior; 400-500 = senior and graduate level; 501 and above primarily graduate level. The language of instruction is English unless the course curriculum is foreign language acquisition.

Unit of Credit/Calendar

Most schools at Washington University follow a fifteen-week semester calendar in which one hour of instruction per week equals one unit of credit. Several graduate programs in the School of Medicine and several master's programs in the School of Law follow a year-long academic calendar. The Doctor of Medicine program uses clock hours instead of credit hours.

Academic and Disciplinary Notations

Students are understood to be in good academic standing unless stated otherwise. Suspension or expulsion, i.e. the temporary or permanent removal from student status, may result from poor academic performance or a finding of misconduct.

Grading Systems

Most schools within Washington University employ the grading and point values in the Standard column below. Other grading rubrics currently in use are listed separately. See www.registrar.wustl.edu for earlier grading scales, notably for the School of Law, Engineering prior to 2010, Social Work prior to 2009 and MBA programs prior to 1998. Some programs do not display GPA information on the transcript. Cumulative GPA and units may not fully describe the status of students enrolled in dual degree programs, particularly those from schools using different grading scales. Consult the specific school or program for additional information.

Rating	Grade	Standard Points	Social Work
Superior	A+/A	4	4
	A-	3.7	3.7
	B+	3.3	3.3
Good	В	3	3
	B-	2.7	2.7
	C+	2.3	2.3
Average	С	2	2
	C-	1.7	1.7
	D+	1.3	0
Passing	D	1	0
	D-	0.7	0
Failing	F	0	0

Grade	Law Values (Effective Class of 2013)
A+	4.00-4.30
А	3.76-3.94
A-	3.58-3.70
B+	3.34-3.52
В	3.16-3.28
B-	3.04-3.10
C+	2.92-2.98
С	2.80-2.86
D	2.74
F	2.50-2.68

Additional Grade Notations				
AUD	Audit	NC/NCR/NCR#	No Credit	
CIP	Course in Progress	NP	No Pass	
CR/CR#	Credit	P/P#	Pass	
Е	Unusually High Distinction	PW	Permitted to Withdraw	
F/F#	Fail	R	Course Repeated	
Н	Honors	RW	Required to Withdraw	
HP	High Pass	RX	Reexamined in course	
1	Incomplete	S	Satisfactory	
IP	In Progress	U	Unsatisfactory	
L	Successful Audit	W	Withdrawal	
LP	Low Pass	X	No Exam Taken	
N	No Grade Reported	Z	Unsuccessful Audit	

(revised 11/2020)

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