Duke University

Official Transcript

Name: Jihyeon Je
Student ID: 2516282
Print Date: 11/28/2022

Academic Program

Program: Undergraduate Engineering — Status: Active in Program
Plan: Biomedical Engineering (BSE)
Plan: Electrical and Computer Engineering (BSE2)
Plan: Computer Science (BS2)
Subplan: Artificial Intelligence and Machine Learning

Beginning of Undergraduate Record

2019 Fall Term

Course		Description	Earned	Grade
CHEM	20	GENERAL CHEMISTRY CREDIT	1.000	AP
ECON	22	INTRODUCTORY MACROECONOMICS	1.000	AP
ECON	21	INTRODUCTORY MICROECONOMICS	1.000	AP
HISTORY	23	AMERICAN HISTORY, I	1.000	AP
HISTORY	24	AMERICAN HISTORY, II	1.000	AP
MATH	21	INTRODUCTORY CALCULUS I	1.000	AP
MATH	22	INTRODUCTORY CALCULUS II	1.000	AP
PHYSICS	25	INTRODUCTORY PHYSICS I	1.000	AP

Test Trans GPA 0.000 Transfer Totals 8.000

Course		Description	Earned	Grade
CHEM	110DL	HONORS CHEMISTRY	1.000	A
EGR	101L	ENGR DESIGN & COMMUNICATION	1.000	A
MATH	212	MULTIVARIABLE CALCULUS	1.000	A-
WRITING	101	ACADEMIC WRITING	1.000	A
Topic:		GEOGRAPHIC MUSES		
Term GPA	3.925	Term Earned	12.000	

Fall Dean's List

2020 Spring Term

Course		Description	Earned	Grade
BIOLOGY	201L	MOLECULAR BIOLOGY	1.000	S
CLST	354	ROMAN SPECTACLE	1.000	A
COMPSCI	201	DATA STRUCTURES AND ALGORITHMS	1.000	A
ECE	110L	FUND OF ELEC AND COMP ENGR	1.000	A-
MATH	216	LINEAR ALGEBRA & DIFF EQUATION	1.000	A
Term GPA	3.925	Term Earned	5.000	

2020 Summer Term 1

Course		Description	Earned	Grade
CHEM	201DL	ORGANIC CHEMISTRY I	1.000	A
Term GPA	4.000	Term Earned	1.000	

2020 Summer Term 2

Course		Description	Earned	Grade
MATH	353	ORD AND PRTL DIFF EQUATIONS	1.000	A
Term GPA	4.000	Term Earned	1.000	

2020 Fall Term

Course		Description	Earned	Grade
BME	244L	QUANT PHYSIOLOGY BIOSTAT APPL	1.000	B+
ECE	250D	COMPUTER ARCHITECTURE	1.000	A-
ECE	280L	INTRO TO SIGNALS AND SYSTEMS	1.000	B+
EGR	201L	MECHANICS OF SOLIDS	1.000	B+
PHYSICS	152L	INTRO ELECTRIC, MAGNET, OPTICS	1.000	A-
Term GPA	3.460	Term Earned	5.000	

2021 Spring Term

Course		Description	Earned	Grade
ARTHIST	225	GOTHIC CATHEDRALS	1.000	A
BME	260L	MODELS CELL AND MOL SYSTEMS	1.000	A
BME	303L	MOD DIAG IMAGING SYSTEMS	1.000	B+
ECE	230L	MICROELECT DEVICES & CIRCUITS	1.000	A
MATH	230	PROBABILITY	1.000	A+
Term GPA	3.860	Term Earned	5.000	

2021 Fall Term

Course		Description	Earned	Grade
BME	221L	BIOMATERIALS	1.000	A
COMPSCI	351	COMPUTER SECURITY	1.000	B
COMPSCI	371D	ELEMENTS OF MACHINE LEARNING	1.000	A
ECE	270DL	FIELDS AND WAVES	1.000	A
ECE	420	INTRO TO QUANTUM ENGINEERING	1.000	A
WRITING	271	REFLECTIVE WTG & INTERN/WORK	0.500	A
Term GPA	3.818	Term Earned	5.500	

2022 Spring Term

Course		Description	Earned	Grade
BME	354L	INTRO MEDICAL INSTRUMENTATION	1.000	A-
BME	436L	BIOPHOTONIC INSTRUMENTATION	1.000	A
BME	535	BLAST AND BALLISTICS	1.000	A
COMPSCI	590	ADVANCED TOPICS IN CPS	1.000	A
Topic:		COMPUTATIONAL BIOLOGY		
ECE	392	PROJECTS IN ECE	1.000	A+
Topic:		RADIOMICS AND HABITAT ANALYSIS		
VMS	298S	FILM THEORY	1.000	A+
Term GPA	3.950	Term Earned	6.000	

Spring Dean's List

2022 Fall Term

Course		Description	Earned	Grade
BME	590	SPECIAL TOPICS	0.000	
Topic:		CONNECTOMIC NEUROMODULATION		
COMPSCI	330	DESIGN/ANALY ALGORITHMS	0.000	
COMPSCI	590	ADVANCED TOPICS IN CPS	0.000	
Topic:		NEUROSYMBOLIC ML		
ECE	623	QUANTUM INFORMATION THEORY	0.000	
WRITING	271	REFLECTIVE WTG & INTERN/WORK	0.000	
Term GPA	0.000	Term Earned	0.000	

Undergraduate Career Earned
Cum GPA: 3.831 **Cum Earned 40.500**

End of Official Transcript

THE OFFICIAL SIGNATURE IS WHITE AND IS IMPOSED UPON THE INSTITUTIONAL SEAL

Jihyeon Je

Frank Blalark, University Registrar

DUKE UNIVERSITY TRANSCRIPT GUIDE

CREDIT, ALL SCHOOLS: The Graduate and Professional Schools, except for the Divinity School, list credit in semester hours. Prior to 1969, credit for Trinity College of Arts & Sciences, the Pratt School of Engineering, and the Divinity School was recorded in semester hours. A semester-hour unit represents one lecture or recitation period of 50 minutes per week for a fifteen-week semester or its equivalent. Beginning Fall 1969, credit for Trinity, Pratt, and the Divinity School has been listed in semester-courses.

NOTE: One semester-course credit unit is equivalent to four semester hours.

UNDERGRADUATE LOAD AND COURSE NUMBERING SYSTEM: Since 1969, the normal undergraduate load has been four semester-course credits per semester. Full-time status requires three or more semester-course credits. For undergraduate matriculants from Fall 1969-Summer 1988, the graduation requirement was 32 semester-course credits; for matriculants in Fall 1988 and after, it is 34. From 1930-2012, introductory-level courses are numbered below 100; advanced-level courses are numbered 100 and above. Courses numbered 1-49 were primarily for first-year students; courses numbered 200-299 were primarily for seniors and graduate students. Effective Fall 2012, undergraduate (Trinity and Pratt), Graduate School, Nicholas School of the Environment, Sanford School of Public Policy, Divinity School and Fuqua School of Business courses were renumbered. In the new numbering scheme, courses numbered at the 100 level and below are introductory courses; 200- and 300-level courses are above introductory; 400-level courses are advanced undergraduate, capstone-type courses typically taken by seniors; 500- and 600-level courses are graduate courses open to advanced undergraduates; courses numbered 700 and above are for graduate students only. A more detailed description of the course numbering scheme and process can be found at the following website: http://admin.trinity.duke.edu/course-renumbering.

DUKE KUNSHAN UNIVERSITY: Beginning Summer 2014 Duke University began offering graduate and professional degree programs and undergraduate semester programs at Duke Kunshan University, in Kunshan, China. Credits and degrees are awarded through Duke University and are displayed as such on Duke University transcripts, with a notation indicating the coursework was taken through Duke Kunshan University.

GRADING SYSTEMS

Spring 2020: COVID-19 required changes to enrollment patterns and grading.

UNDERGRADUATE

Trinity College of Arts & Sciences, Pratt School of Engineering, the School of Nursing, and the Woman's College:

1967-present				1930-1955		Quality Points per semester hour
A+	4.0	C+	2.3	A	Exceptional	3
A	4.0	C	2.0	B	Superior	2
A-	3.7	C-	1.7	C	Satisfactory	1
B+	3.3	D+	1.3	D	Low Pass	0
B	3.0	D	1.0	F	Failure	
B-	2.7	D-	1.0	(1955-1967, quality points per semester hour carried one more point per semester hour.)		
		F	0.0			

In 1972, Trinity College and the Woman's College merged into the coeducational Trinity College of Arts & Sciences.

GRADUATE AND PROFESSIONAL

The Graduate School, Pratt School of Engineering, Nicholas School of the Environment, and Sanford School of Public Policy:

Summer 2004-present				Through Spring 2004	
A+	4.0	B-	2.7	E	Excellent
A	4.0	C+	2.3	G	Good
A-	3.7	C	2.0	S	Satisfactory
B+	3.3	C-	1.7	F	Failure
B	3.0	F	0.0	P	Passing (Pass/Fail Course)

From Fall 1967, plus and minus signs have been possible. Through Spring 2004, the undergraduate grading system applies when a graduate student takes a course at the 100 level. All students admitted to The Graduate School, the Engineering Management program, and Sanford School of Public Policy in Summer 2004 and later will have a grade point average calculated, based on the scale noted above. No GPA is calculated for students admitted to those schools prior to Summer 2004. The Nicholas School of the Environment does not calculate a GPA.

The Fuqua School of Business:

Sept. 1980-present			Sept. 1977-Sept. 1980	
SP	4.0	Superior	A	Excellent
HP	3.5	High Pass	B	Superior
P	3.0	Pass	C	Average
LP	2.5	Low Pass	D	Low Pass
F	0.0	Failure	F	Failure

Prior to September 1977, the School of Business Administration used the same grading system as the Graduate School.

The Divinity School:

Fall 1971-present: the Divinity School has employed the same grading scale as the undergraduate schools.

1951-Fall 1971		Before 1951	
A	Excellent	E	95-100
B	Superior	G	85-94
C	Average	S	70-84
D	Inferior	F	69 & below
F	Failure		

The School of Nursing:

Spring 1993-present			
A	4.0	C+	2.3
A-	3.7	C	2.0
B+	3.3	C-	1.7
B	3.0	F	0.0
B-	2.7		

From 1974-1992, plus and minus signs were not used.

The Law School:

Fall 2013-present	
4.1-4.3	Exceptional (<= 5% of any course with 40 or more students)
2.0-4.0	Passing in ascending order of proficiency
1.5	Failing

Fall 2004-2013	Fall 1989-2004	
4.1-4.3	4.1-4.5	Exceptional (<= 5% of any course with 40 or more students)
1.6-4.0	1.6-4.0	Passing in ascending order of proficiency
1.1-1.5	1.1-1.5	Failing

Fall 1971-Fall 1989		
3.5-4.0	H	Honors
2.7-3.4	HP	High Pass
1.8-2.6	P	Pass
1.3-1.7	LP	Low Pass
1.0-1.2	F	Failure

OTHER SYMBOLS (all schools):

—	Completed
*	No Credit
AD	Audited
AP	Advanced Placement Program Credit
CR	Credit Only
I	Incomplete
IPC	International Placement Credit
N	No grade reported at this time from instructor
NC	No Credit
P	Pass - in Pass/Fail course (after 1966)
S	Satisfactory - in Satisfactory/Unsatisfactory course (for undergraduates beginning Fall 2010)
TR	Transfer Credit
U	Failure - in Pass/Fail course (after 1966); Unsatisfactory - in Satisfactory/Unsatisfactory course (for undergraduates beginning Fall 2010)
W	Withdrew from course
WA	Withdrew from an Audited course
WE	Withdrew, Student Registration Error
WF	Withdrew, Failing (after 1974)
WI	Withdrew, Illness
WP	Withdrew, Passing (after 1974)
X	Absent from Examination (with excuse)
Z	Year-long course, grade given next semester

ACCREDITATION: Duke University is accredited by the Southern Association of Colleges and Schools, Atlanta, GA 30365.

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