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Official Academic Transcript of:
XUEKAI DU
Transcript Created: 2-Aug-2020

Requested by:
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Student Name: Xuekai Du

Birth Date/Month: 08-Oct

Date Awarded Degree Awarded

Dec 19, 2018 Bachelor of Science in Physics/Computational Physics Track

Beginning of Undergraduate Record

ADVANCED PLACEMENT CREDIT

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE
CMY	09101	INTRO EXPERMNTL CHEM	3.0	AD
CMY	09105	INTRO MOD CHEMISTRY I	10.0	AD
CMY	09106	MODERN CHEMISTRY II	10.0	AD
MSC	21120	DIFFERENTIAL INT CAL	10.0	AD
MSC	21122	INTGR DIFF EQUA APPX	10.0	AD
PHY	33111	PHYSICS I SCI STUDNT	12.0	AD
PHY	33112	PHYSICS II SCI STDNT	12.0	AD
TOTAL AP / TRANSFER CREDIT			67.0	

Fall 2014

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
CS	15150	PRIN FNCTIONL PRGMMG	10.0	D	10.0
PHY	33201	PHY SOPH COLLOQM I	2.0	N	0.0
PHY	33331	PHYSCL MECHANICS I	10.0	C	20.0
PHY	33338	INTRM ELEC & MAG I	10.0	C	20.0
ML	82171	ELEM JAPANESE I	12.0	B	36.0
			UNITS PASSED	UNITS FACTORED	FINAL QPA
Semester			42.0	42.0	2.05
Cumulative			210.0	149.0	2.08
					TOTAL POINTS
					86.0
					310.0

Fall 2013

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
MSC	21259	CALCULUS IN 3-D	9.0	B	27.0
PHY	33211	PHYS III: MOD ESSENT	10.0	C	20.0
PHY	33231	PHYSICAL ANALYSIS	10.0	B	30.0
HIS	79104	GLOBAL HISTORIES	9.0	R	0.0
CMU	99101	CMPTNG CARNEGIE MELL	3.0	P	0.0
			UNITS PASSED	UNITS FACTORED	FINAL QPA
Semester			32.0	38.0	2.03
Cumulative			99.0	38.0	2.03
					TOTAL POINTS
					77.0
					77.0

Spring 2015

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
BSC	03121	MODERN BIOLOGY	9.0	B	27.0
CS	15122	PRIN IMPRTV COMPTATN	10.0	C	20.0
MSC	21241	MATRC & LINR TRNSF	10.0	B	30.0
PHY	33202	PHY SOPH COLLOQM II	2.0	P	0.0
PHY	33228	ELECTRONICS I	10.0	A	40.0
PHY	33444	INTRO NUC & PART PHY	9.0	C	18.0
			UNITS PASSED	UNITS FACTORED	FINAL QPA
Semester			50.0	48.0	2.81
Cumulative			260.0	197.0	2.26
					TOTAL POINTS
					135.0
					445.0

Spring 2014

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
CS	15112	FNDMTLS OF PGMG & CS	12.0	C	24.0
MSC	21127	CONCEPTS OF MATHMTCS	10.0	C	20.0
PHY	33232	MTHMTCL MTHDS PHYSCS	10.0	C	20.0
PHY	33234	QUANTUM PHYSICS	10.0	C	20.0
ENG	76100	READ WRITE ACAD CNTX	9.0	C	18.0
			UNITS PASSED	UNITS FACTORED	FINAL QPA
Semester			51.0	51.0	2.00
Cumulative			150.0	89.0	2.01
					TOTAL POINTS
					102.0
					179.0

Fall 2015

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
CS	15150	PRIN FNCTIONL PRGMMG	10.0	C	20.0
PHY	33201	PHY SOPH COLLOQM I	2.0	N	0.0
PHY	33241	INTR CMPTNL PHYSICS	9.0	C	18.0
PHY	33301	PHY UPPER COLLOQM I	1.0	N	0.0
PHY	33350	UNDERGRAD RESEARCH	6.0	A	24.0
ECO	73100	PRINC OF ECONOMICS	9.0	B	27.0
PSY	85251	PERSONALITY	9.0	B	27.0
			UNITS PASSED	UNITS FACTORED	FINAL QPA
Semester			43.0	43.0	2.70
Cumulative			303.0	240.0	2.34
					TOTAL POINTS
					116.0
					561.0

Summer 1/All 2014

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
PHY	33104	EXPERIMNTL PHYSICS	9.0	C	18.0
ENG	76101	INTERPRETN & ARGMNT	9.0	B	27.0
			UNITS PASSED	UNITS FACTORED	FINAL QPA
Semester			18.0	18.0	2.50
Cumulative			168.0	107.0	2.09
					TOTAL POINTS
					45.0
					224.0

Spring 2016

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
CS	15213	INTR CMPUTER SYSTEMS	12.0	R	0.0
MSC	21369	NUMERICAL METHODS	9.0	B	27.0
PHY	33302	PHY UPPER COLLOQM II	1.0	P	0.0
PHY	33340	MODERN PHYSICS LAB	10.0	D	10.0
ML	82172	ELEM JAPANESE II	12.0	B	36.0
			UNITS PASSED	UNITS FACTORED	FINAL QPA
Semester			32.0	43.0	1.70
Cumulative			335.0	283.0	2.24
					TOTAL POINTS
					73.0
					634.0

A raised seal is not required.

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John R. Papinchak
University Registrar

Student Name: Xuekai Du

Birth Date/Month: 08-Oct

Fall 2016

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
CS	15210	PRL SEQ DATA STR ALG	12.0	R	0.0
PHY	33201	PHY SOPH COLLOQM I	2.0	P	0.0
PHY	33301	PHY UPPER COLLOQM I	1.0	P	0.0
PHY	33341	THERMAL PHYSICS I	10.0	D	10.0
STA	36225	INTRO PROBLTY THEORY	9.0	C	18.0
ML	82252	MOD KOREAN HIST	9.0	B	27.0
		UNITS PASSED	UNITS FACTORED	FINAL QPA	TOTAL POINTS
Semester		31.0	40.0	1.38	55.0
Cumulative		366.0	323.0	2.13	689.0

Spring 2017

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
MLG	10401	MACHINE LEARNING	12.0	W	0.0
PHY	33302	PHY UPPER COLLOQM II	1.0	W	0.0
PHY	33332	PHYSCL MECHANICS II	10.0	W	0.0
PHY	33456	ADV COMPTNL PHYSICS	9.0	W	0.0
PSY	85102	INTRO TO PSYCHOLOGY	9.0	W	0.0
		UNITS PASSED	UNITS FACTORED	FINAL QPA	TOTAL POINTS
Semester		0.0	0.0	0.00	0.0
Cumulative		366.0	323.0	2.13	689.0

Fall 2017

DPT	CRS #	COURSE TITLE	UNITS	FINAL GRADE	QUALITY POINTS
PHY	33201	PHY SOPH COLLOQM I	2.0	W	0.0
PHY	33224	STRS GLXS & UNIVERSE	9.0	W	0.0
PHY	33445	ADV QUANTUM PHYSICS I	9.0	W	0.0
HIS	79217	THE WAR IN VIETNAM	6.0	W	0.0
HIS	79261	CHINESE HIST & SOCTY	9.0	W	0.0
ML	82283	LANG DIV CLTRL IDTY	9.0	W	0.0
		UNITS PASSED	UNITS FACTORED	FINAL QPA	TOTAL POINTS
Semester		0.0	0.0	0.00	0.0
Cumulative		366.0	323.0	2.13	689.0

End of Undergraduate Record

A raised seal is not required.

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John R. Papinchak
University Registrar

Carnegie Mellon University

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Accreditation

Carnegie Mellon University is an accredited member of the Middle States Commission on Higher Education, 3624 Market St., Philadelphia, PA 19104.

College and department accreditations include:

- Accreditation Board for Engineering Technology (ABET) – Chemical Engineering, Civil Engineering, Electrical and Computer Engineering, Engineering and Public Policy, Mechanical Engineering, and Materials Science and Engineering
- National Architectural Accrediting Board (NAAB) – Architecture
- National Association of Schools of Art and Design (NASAD) – Art and Design
- National Association of Schools of Music (NASM) – Music
- American Assembly of Collegiate Schools of Business (AACSB) and Middle Atlantic Association of College of Business Administration (MAACBA) – David A. Tepper School of Business; American Chemical Society (ACS) – Chemistry
- National Association of Schools of Public Affairs and Administration (NAPAA) – H. John Heinz III College.

Language of Instruction

All Carnegie Mellon University courses are taught in English.

Teaching Location

This transcript reflects all Carnegie Mellon coursework, independent of campus or teaching location.

Calendar

Carnegie Mellon observes the semester system with two six-week summer sessions. Courses may be taught in other shortened sessions.

Course Numbers

Each Carnegie Mellon University course number begins with a two-digit prefix which designates the department offering the course (76-xxx courses are offered by the Department of English, etc.). Although each department maintains its own course numbering practices, typically the first digit after the prefix indicates the class level: xx-1xx courses are freshmen-level, xx-2xx courses are sophomore level, etc. xx-6xx courses may be either undergraduate senior-level or graduate-level, depending on the department. Xx-7xx courses and higher are graduate-level.

Degree Requirements

Degrees are awarded upon satisfactory completion of residence requirements, all requirements in the approved curriculum(a) and by recommendation for degree(s) by the faculty of the appropriate college(s).

Units of Work vs. Credit Hours

Three units equal one semester hour of credit.

Quality Point Average (QPA) Calculations

Carnegie Mellon University defines a quality point as a point value times units for a given course. QPAs are calculated according to the following formula:

Semester QPA: quality points divided by factorable units.

Cumulative QPA: total quality points divided by total factorable units.

Undergraduate courses may not be factorable into the QPA for graduate students, depending on the student's college.

Units Carried vs. Passed vs. Factored

Units Carried refers to the total number of units for which the student is registered.

Units Passed is the total of all units that have a passing grade. Grades of 'R', 'N', and 'I' are not included in units passed.

Units Factored is the total of all units factored into QPA. See Grading Standards for grades not factorable into QPA. Undergraduate courses are not factorable into QPA for graduate students.

Cumulative QPA

A separate cumulative QPA is calculated for undergraduate and graduate records. If a student attends for a combination of undergraduate, graduate studies, and/or non-degree studies, a cumulative QPA may not be calculated.

Cumulative QPA may not be available on transcripts for semesters prior to 1989.

4.0 Grading Standards

Undergraduate students (and graduate students in CFA, CIT, CMU, MCS, and SCS who entered before Fall 1995):

Grade	Point Value	Description
A	4.0	Excellent
B	3.0	Good
C	2.0	Satisfactory
D	1.0	Passing
R	0.0	Failure
X	0.0	Conditional Failure
S	non-factorable	Satisfactory
P	non-factorable	Passing
N	non-factorable	Failure in Pass/Fail Course
O	non-factorable	Audit
W	non-factorable	Withdrawal
I	non-factorable	Incomplete
AD	non-factorable	Credit by examination
TR	non-factorable	Transfer credit

4+ Grading Standards / 9.0 Grading Standards

The 4+ grading scale is applicable to graduate students who entered in and after Fall 1995. The 9.0 grading scale is applicable only to certain graduate students who entered before Fall 1995: Students in the Graduate School of Industrial Administration (GSIA, now Tepper School of Business (TSB)), the School of Urban and Public Affairs (SUPA, now Heinz College (HC)), and graduate students who were admitted to the College of Humanities and Social Sciences (H&SS, now Dietrich College (DC)) after August 1986.

Grade	Point Value (4+)	Point Value (9.0)	Description
A+ *	4.33	9	
A	4.00	8	
A-	3.66	7	
B+	3.33	6	
B	3.00	5	
B-	2.67	4	
C+	2.33	3	
C	2.00	2	
C-	1.67	1	
D+ *	1.33	-	
D *	1.0	0	
R	0.0	0	Failure
X	0.0	-	Conditional Failure
S	non-factorable	non-factorable	Satisfactory
P	non-factorable	non-factorable	Passing
N	non-factorable	-	Failure in Pass/Fail Course
O	non-factorable	-	Audit
W	non-factorable	-	Withdrawal
I	non-factorable	-	Incomplete
AD	non-factorable	-	Credit by examination
TR	non-factorable	-	Transfer credit

* DC and CIT graduate students are not permitted to receive an A+. TSB and HC graduate students do not receive D or D+ grades.

After the mid-point of the spring 2020 semester, a global pandemic caused a significant disruption that warranted temporary changes to our grading policy. These changes offered broader use of our Pass/No Pass (P/NP) grading option and the acceptance of passing grades to fulfill degree requirements.

Grading Scale & QPA Conversion

We are unable to provide conversion to other grading scales, such as percentage. A guide to our grading scale is provided on the back of all official transcripts. While we do provide overall semester QPA and cumulative QPA, we are unable to provide an "in-major" QPA (i.e. QPA for courses only in your major).

Physical Education Courses

Physical Education Courses are considered Units Passed in the student's overall semester and cumulative QPA; they are not considered Units Factorable and are not used in calculating the student's overall semester QPA, rank in class or for academic actions.

Statement Of Assurance

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