GRADUATE/PROFESSIONAL ACADEMIC RECORD

University of Pittsburgh

Alexander M [redacted] Maldonado
Student ID: [redacted]

Institution: University of Pittsburgh
4200 Fifth Avenue
Pittsburgh, PA 15260
Print Date: 12/14/2025

Birthdate:
Student Address: [redacted]

Degrees Awarded

Degree: **Doctor of Philosophy**
Confer Date: 04/29/2023
Plan: Chemical Engineering

Beginning of Graduate Record

Fall Term 2018-2019
Program: Swanson School of Engineering
Plan: Chemical Engineering Major

Course		Description	Attempted	Earned	Grade	Points
CHE	2201	FUNDAMNTL OF REACTN PROCESSES	3.00	3.00	A	12.000
CHE	2301	FUNDAMNTL TRANSPORT PROCES 1	4.00	4.00	A	16.000
CHE	2410	MATHMTCL METHD IN CHMCL ENGR 1	3.00	3.00	B	9.000
CHE	2982	ISSUES IN RESEARCH & TEACHING	2.00	2.00	A	8.000
CHE	3001	GRADUATE SEMINAR	1.00	1.00	S	0.000
		Term GPA: 3.750 Term Totals:	13.00	13.00		45.000
		Cum GPA: 3.750 Cum Totals:	13.00	13.00		45.000

Spring Term 2018-2019
Program: Swanson School of Engineering
Plan: Chemical Engineering Major

Course		Description	Attempted	Earned	Grade	Points
CHE	2101	FUNDAMENTALS OF THERMODYNAMICS	3.00	3.00	A	12.000
CHE	3001	GRADUATE SEMINAR	1.00	1.00	S	0.000
CHE	3460	ADV SCNTFC VISUAL COMMUNICATIO	3.00	3.00	A	12.000
CHE	3980	PHD RESEARCH METHODOLOGY	1.00	1.00	A	4.000
CHE	3990	ADVANCED GRADUATE PROJECTS	4.00	4.00	S	0.000
CHEM	2440	THERMODYNAMCS & STATCL MECHNC	3.00	3.00	A-	11.250
		Term GPA: 3.925 Term Totals:	15.00	15.00		39.250
		Cum GPA: 3.830 Cum Totals:	28.00	28.00		84.250

Fall Term 2019-2020
Program: Swanson School of Engineering
Plan: Chemical Engineering Major

Course		Description	Attempted	Earned	Grade	Points
CHE	2550	SOLV ENGR PROB WITH CMPTL CHEM	3.00	3.00	A+	12.000
CHE	2900	GR FLWSHPS & PRPSL-WRIT WRKSHP	1.00	1.00	S	0.000
CHE	3001	GRADUATE SEMINAR	1.00	1.00	S	0.000
CHE	3980	PHD RESEARCH METHODOLOGY	1.00	1.00	A	4.000
CHE	3990	ADVANCED GRADUATE PROJECTS	6.00	6.00	S	0.000
CHEM	2430	QUANTUM MECHANICS AND KINETICS	3.00	3.00	B	9.000
		Term GPA: 3.571 Term Totals:	15.00	15.00		25.000
		Cum GPA: 3.767 Cum Totals:	43.00	43.00		109.250

Spring Term 2019-2020
Program: Swanson School of Engineering
Plan: Chemical Engineering Major

Grades, grade basis, and credits earned were impacted by the COVID-19 global public health crisis

Course		Description	Attempted	Earned	Grade	Points
CHE	3001	GRADUATE SEMINAR	1.00	1.00	S	0.000
CHE	3980	PHD RESEARCH METHODOLOGY	1.00	1.00	A	4.000
CHE	3990	ADVANCED GRADUATE PROJECTS	6.00	6.00	S	0.000
CMPHYS	0767	BIOPHYSICS:	4.00	4.00	A-	15.000
		Course Topic: FRM BASC CONCS TO CURRENT RES				
		Course Topic: TAKEN AT CARNEGIE MELLON UNIV				
		Course Attributes: Carnegie-Mellon University				
MSE	2113	NANOSCALE MODELING AND SIMULS	3.00	3.00	A	12.000
		Term GPA: 3.875 Term Totals:	15.00	15.00		31.000
		Cum GPA: 3.791 Cum Totals:	58.00	58.00		140.250

Fall Term 2020-2021
Program: Swanson School of Engineering
Plan: Chemical Engineering Major

This semester occurred during the COVID-19 global public health crisis

Course		Description	Attempted	Earned	Grade	Points
CHE	3001	GRADUATE SEMINAR	1.00	1.00	S	0.000
CHE	3980	PHD RESEARCH METHODOLOGY	1.00	1.00	A	4.000
CHE	3990	ADVANCED GRADUATE PROJECTS	9.00	9.00	S	0.000
CMPBIO	2030	INTRO TO CMPTL STRUCL BIOLOGY	4.00	4.00	A+	16.000
		Term GPA: 4.000 Term Totals:	15.00	15.00		20.000
		Cum GPA: 3.815 Cum Totals:	73.00	73.00		160.250

Spring Term 2020-2021
Program: Swanson School of Engineering
Plan: Chemical Engineering Major

This semester occurred during the COVID-19 global public health crisis

Course		Description	Attempted	Earned	Grade	Points
CHE	3001	GRADUATE SEMINAR	1.00	1.00	S	0.000
CHE	3980	PHD RESEARCH METHODOLOGY	1.00	1.00	A	4.000
CHE	3990	ADVANCED GRADUATE PROJECTS	13.00	13.00	S	0.000
		Term GPA: 4.000 Term Totals:	15.00	15.00		4.000
		Cum GPA: 3.820 Cum Totals:	88.00	88.00		164.250

Fall Term 2021-2022
Program: Swanson School of Engineering
Plan: Chemical Engineering Major

Course		Description	Attempted	Earned	Grade	Points
CHE	3001	GRADUATE SEMINAR	1.00	1.00	S	0.000
CHE	3980	PHD RESEARCH METHODOLOGY	1.00	1.00	A+	4.000
CHE	3999	PH.D. DISSERTATION	13.00	13.00	S	0.000

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Term GPA:	4.000	Term Totals:	15.00	15.00	4.000
Cum GPA:	3.824	Cum Totals:	103.00	103.00	168.250

Spring Term 2021-2022
Program: Swanson School of Engineering
Plan: Chemical Engineering Major

Course		Description	Attempted	Earned	Grade	Points
FTDH	0000	FULL-TIME DISSERTATION STUDY	0.00	0.00		0.000
Term GPA:	0.000	Term Totals:	0.00	0.00		0.000
Cum GPA:	3.824	Cum Totals:	103.00	103.00		168.250

Fall Term 2022-2023
Program: Swanson School of Engineering
Plan: Chemical Engineering Major

Course		Description	Attempted	Earned	Grade	Points
FTDH	0000	FULL-TIME DISSERTATION STUDY	0.00	0.00		0.000
Term GPA:	0.000	Term Totals:	0.00	0.00		0.000
Cum GPA:	3.824	Cum Totals:	103.00	103.00		168.250

Spring Term 2022-2023
Program: Swanson School of Engineering
Plan: Chemical Engineering Major

Course		Description	Attempted	Earned	Grade	Points
FTDH	0000	FULL-TIME DISSERTATION STUDY	0.00	0.00		0.000
Term GPA:	0.000	Term Totals:	0.00	0.00		0.000
Cum GPA:	3.824	Cum Totals:	103.00	103.00		168.250

Graduate Career Totals

Cum GPA:	3.824	Cum Totals:	103.00	103.00	168.250

Non-Course Milestones

Doctoral Preliminary Evaluation
Status: Completed
Program: Swanson School of Engineering
Date Completed: 08/23/2019
Date Attempted: 08/23/2019 Completed Submitted Work

Doctoral Comprehensive Examination
Status: Completed
Program: Swanson School of Engineering
Date Completed: 08/02/2021
Date Attempted: 08/02/2021 Completed Submitted Work

Admission Doctoral Candidacy
Status: Completed
Program: Swanson School of Engineering
Date Completed: 08/02/2021
Date Attempted: 08/02/2021 Completed Submitted Work

Doctoral Dissertation Defense
Status: Completed
Program: Swanson School of Engineering
Date Completed: 03/20/2023
Date Attempted: 03/20/2023 Completed Dissertation Defense

Doctoral Dissertation Approval
Status: Completed
Program: Swanson School of Engineering
Date Completed: 04/04/2023
Date Attempted: 04/04/2023 Completed Dissertation Approved

End of Graduate Record