

JOHNS HOPKINS UNIVERSITY		G W C WHITING SCHOOL OF ENGINEERING Baltimore, MD 21218 www.jhu.edu/registrar			UNDERGRADUATE INTERNAL TRANSCRIPT	
Student Name Ahmed, Armaan		Hopkins ID 26CF2C	Date of Birth 03/14/xxxx	JHU Degree and Date Conferred xxxxxx		Date Printed 11/11/2025
Year of Study Senior	Major Applied Mathematics and Statistics	Advisor Barnhart, Kelly Marie				Page 1 of 3
Other Major(s) Mathematics			Minor(s) xxxxxx			

DIV	DEPT	CRSE #	COURSE TITLE	CRSE AREA	GRADE	CREDITS	GPA CREDITS	GPA PTS
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Fall 2022		Advanced Placement Examination						
	CSCI		Comp Sci AB EN.500.112	E		3.0		
	CHEM		Chemistry AS.030.101	N		3.0		
	CHEM		Chemistry AS.030.102	N		3.0		
	CHEM		Chemistry Lab AS.030.105	N		1.0		
	CHEM		Chemistry Lab AS.030.106	N		1.0		
	MATH		Calculus BC AS.110.108	Q		4.0		
	MATH		Calculus BC AS.110.109	Q		4.0		
	ECON		Econ - Mac AS.180.101	S		3.0		
	APPM		Statistics EN.553.111	EQ		4.0		
TOTAL						26.0		

Fall 2022		Applied Mathematics and Statistics						
AS	BPHY	250.335	Single Molecule & Cell Biophysics	A		3.0	3.0	12.0
AS	CHEM	030.205	Introductory Organic Chemistry I	N	A	4.0	4.0	16.0
AS	MATH	110.212	Honors Linear Algebra	Q	A+	4.0	4.0	16.0
AS	PHYS	171.101	Gen Physics:Phys Sci Maj I	EN	A+	4.0	4.0	16.0
AS	PHYS	173.111	General Physics Lab I	N	A	1.0	1.0	4.0
EN	BMED	580.111	Biomedical Engineering and Design	EN	A	2.0	2.0	8.0
TERM GPA				4.00	TOTAL	18.0	18.0	72.0
CUM GPA				4.00	TOTAL		18.0	72.0
Dean's List								

Spring 2023		Applied Mathematics and Statistics						
AS	CHEM	030.212	Honors Organic Chemistry II	N	A+	4.0	4.0	16.0
AS	CHEM	030.225	Intro Organic Chem Lab	N	A	3.0	3.0	12.0
AS	MATH	110.211	Honors Multivariable Calculus	Q	A+	4.0	4.0	16.0
AS	MATH	110.302	Diff Equations/Applic	Q	A	4.0	4.0	16.0
AS	PHYS	171.102	General Physics II	EN	A+	4.0	4.0	16.0
AS	PHYS	173.112	General Physics Lab II	N	A	1.0	1.0	4.0
TERM GPA				4.00	TOTAL	20.0	20.0	80.0
CUM GPA				4.00	TOTAL		38.0	152.0
Dean's List								

Fall 2023		Applied Mathematics and Statistics						
AS	BPHY	250.205	Introduction to Computing	NQ	A+	3.0	3.0	12.0
AS	BPHY	250.315	Biochemistry I	N	A+	3.0	3.0	12.0
AS	BPHY	250.520	Intro to Biophysics Research		S	3.0	0.0	0.0
AS	PHIL	150.333	Iconoclast in Islamic Philosophy	H	A+ *	3.0	3.0	12.0
EN	APPM	553.620	Probability	EQ	A+	4.0	4.0	16.0
EN	BMED	580.221	Biochemistry and Molecular Engineer	N	A	4.0	4.0	16.0
TERM GPA				4.00	TOTAL	20.0	17.0	68.0
CUM GPA				4.00	TOTAL		55.0	220.0
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Spring 2024				Applied Mathematics and Statistics				
AS	BPHY	250.372	Biophysical Chemistry	N	A+	4.0	4.0	16.0
AS	PHIL	150.439	Catastrophe Ethics	H	A	3.0	3.0	12.0
AS	PHYS	171.648	Physics of Cell Biology	N	A+	3.0	3.0	12.0
EN	APPM	553.431	Honors Mathematical Statistics	EQ	A	4.0	4.0	16.0
EN	BMED	580.242	Biological Models and Simulations	E	A+	2.0	2.0	8.0
EN	BMED	580.244	Nonlinear Dynamics of Biological Systems	E	A	2.0	2.0	8.0
TERM GPA				4.00	TOTAL	18.0	18.0	72.0
CUM GPA				4.00	TOTAL		73.0	292.0
Dean's List								

Fall 2024				Applied Mathematics and Statistics				
AS	MATH	110.415	Honors Analysis I	Q	A+	4.0	4.0	16.0
AS	PHIL	150.422	Axiomatic Set Theory	HQ	A	3.0	3.0	12.0
EN	ACM	625.741	Game Theory		A+	3.0	3.0	12.0
EN	APPM	553.627	Stochastic Processes for Finance I	Q	A+	4.0	4.0	16.0
EN	CSCI	601.474	ML: Learning Theory	EQ	A	3.0	3.0	12.0
TERM GPA				4.00	TOTAL	17.0	17.0	68.0
CUM GPA				4.00	TOTAL		90.0	360.0
Dean's List								

Spring 2025				Applied Mathematics and Statistics				
AS	MATH	110.416	Honors Analysis II	Q	A	4.0	4.0	16.0
AS	MATH	110.417	Partial Differential Equations	Q	A+	3.0	3.0	12.0
AS	MATH	110.653	Stochstic Diff Eq: Intro With Apps	Q	A	4.0	4.0	16.0
EN	APPM	553.672	Graph Theory		A+	4.0	4.0	16.0
EN	APPM	553.797	Intro Control Theory Optimal Ctrl		A	3.0	3.0	12.0
TERM GPA				4.00	TOTAL	18.0	18.0	72.0
CUM GPA				4.00	TOTAL		108.0	432.0
Dean's List								

Summer 2025				Applied Mathematics and Statistics				
AS	MATH	110.401	Introduction to Abstract Algebra	Q	A+	4.0	4.0	16.0
TERM GPA				4.00	TOTAL	4.0	4.0	16.0
CUM GPA				4.00	TOTAL		112.0	448.0

Fall 2025				Applied Mathematics and Statistics				
AS	MATH	110.407	Honors Complex Analysis	Q	X	0.0	0.0	0.0
AS	MATH	110.637	Functional Analysis		X	0.0	0.0	0.0
EN	APPM	553.680	Numerical Linear Algebra	EQ	X	0.0	0.0	0.0
EN	APPM	553.726	Point Processes and Stochastic Geo		X	0.0	0.0	0.0
EN	APPM	553.792	Matrix Analysis & Linear Algebra		X	0.0	0.0	0.0
TERM GPA				0.00	TOTAL	0.0	0.0	0.0
CUM GPA				4.00	TOTAL		112.0	448.0

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Spring 2026				Applied Mathematics and Statistics				
AS	MATH	110.413	Intro to Topology	Q	X	0.0	0.0	0.0
AS	MATH	110.633	Harmonic Analysis	Q	X	0.0	0.0	0.0
AS	PHIL	150.205	Intro Hist of Modern Philosophy	H	X	0.0	0.0	0.0
AS	PHIL	150.434	Formal Methods of Philosophy	H	X	0.0	0.0	0.0
EN	APPM	553.433	Monte Carlo Methods	EQ	X	0.0	0.0	0.0
TERM GPA				0.00	TOTAL	0.0	0.0	0.0
CUM GPA				0.00	TOTAL		112.0	448.0

CUMULATIVE GPA	4.00
TOTAL D/D+ CREDITS	0.0

TOTAL DEGREE CREDIT REQUIREMENT (based on degree and major)	
Total Degree Credit Requirement	120.0
Total Credits Applied	135.0
JHU Credits in Residency Applied (100 required)	115.0
Non-Residency Credits Applied	20.0

Advisors:
Johnson, Margaret E 08/29/2022 - 05/19/2024
Shipley, Denise 08/29/2022 - 01/22/2023
Taylor, Russell H 01/23/2023 - 08/25/2024
Lewis, Tyree' 01/23/2023 - 05/19/2024
Johnson, Margaret E 05/20/2024 - 01/20/2025
Lewis, Tyree' 05/20/2024 - 08/25/2024
Castello, Beryl 08/26/2024
Consani, Caterina 08/25/2025
Haase, Eileen B 08/29/2022 - 08/27/2023 - (Primary Advisor)
Sulam, Jeremias 08/28/2023 - 05/19/2024 - (Primary Advisor)
Castello, Beryl 05/20/2024 - 08/25/2024 - (Primary Advisor)
Lewis, Tyree' 08/26/2024 - 01/20/2025 - (Primary Advisor)
Nelson, Rachel 01/21/2025 - 05/18/2025 - (Primary Advisor)
Barnhart, Kelly Marie 05/19/2025 - (Primary Advisor)

*****End Of Transcript*****