

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
-----	------	--------	--------------	-----------	-------	---------	-------------	---------

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

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
AS	MATH	110.212	Honors Linear Algebra	Q	A+	4.0	4.0
AS	PHYS	171.101	Gen Physics: Phys Sci Maj I	EN	A+	4.0	4.0
AS	PHYS	173.111	General Physics Lab I	N	A	1.0	1.0
EN	BMED	580.111	Biomedical Engineering and Design	EN	A	2.0	2.0
			TERM GPA	4.00	TOTAL	18.0	18.0
			CUM GPA	4.00	TOTAL	18.0	72.0

Dean's List

Spring 2023

AS	CHEM	030.212	Honors Organic Chemistry II	A+	4.0	4.0	16.0
AS	CHEM	030.225	Intro Organic Chem Lab	N	A	3.0	3.0
AS	MATH	110.211	Honors Multivariable Calculus	Q	A+	4.0	4.0
AS	MATH	110.302	Diff Equations/Applic	Q	A	4.0	4.0
AS	PHYS	171.102	General Physics II	EN	A+	4.0	4.0
AS	PHYS	173.112	General Physics Lab II	N	A	1.0	1.0
			TERM GPA	4.00	TOTAL	20.0	20.0
			CUM GPA	4.00	TOTAL	38.0	152.0

Dean's List

Fall 2023

AS	BPHY	250.205	Introduction to Computing	A+	3.0	3.0	12.0
AS	BPHY	250.315	Biochemistry I	N	A+	3.0	3.0
AS	BPHY	250.520	Intro to Biophysics Research	S	*	3.0	0.0
AS	PHIL	150.333	Iconoclast in Islamic Philosophy	H	A+	3.0	12.0
EN	APPM	553.620	Probability	EQ	A+	4.0	4.0
EN	BMED	580.221	Biochemistry and Molecular Engineer	N	A	4.0	16.0
			TERM GPA	4.00	TOTAL	20.0	17.0
			CUM GPA	4.00	TOTAL	55.0	68.0

Dean's List

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 2 of 3
Other Major(s) Mathematics		Minor(s) xxxxxx			

DIV	DEPT	CRSE #	COURSE TITLE	CRSE AREA	GRADE	CREDITS	GPA CREDITS	GPA PTS
-----	------	--------	--------------	-----------	-------	---------	-------------	---------

Spring 2024

AS	BPHY	250.372	Biophysical Chemistry	Applied Mathematics and Statistics	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	73.0	292.0

Dean's List

Fall 2024

AS	MATH	110.415	Honors Analysis I	Applied Mathematics and Statistics	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	90.0	360.0

Dean's List

Spring 2025

AS	MATH	110.416	Honors Analysis II	Applied Mathematics and Statistics	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	Stochastic 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	108.0	432.0

Dean's List

Summer 2025

AS	MATH	110.401	Introduction to Abstract Algebra	Applied Mathematics and Statistics	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	112.0	448.0

Fall 2025

AS	MATH	110.407	Honors Complex Analysis	Applied Mathematics and Statistics	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	112.0	448.0

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 3 of 3		
Other Major(s) Mathematics			Minor(s) xxxxxx		

DIV	DEPT	CRSE #	COURSE TITLE	CRSE AREA	GRADE	CREDITS	GPA CREDITS	GPA PTS
-----	------	--------	--------------	-----------	-------	---------	-------------	---------

Spring 2026

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
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
				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*****