



# Unofficial Academic Record

## Benjamin Caro - 702542441

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01/21/2025

Degrees Awarded  
Degree: Honors Bachelor of Mechanical Engineering  
Date Conferred: May 25, 2024  
Plan: Mechanical Engineering Major  
Plan: Honors  
Plan: 4+1 Joint Bachelor and Master

Institution Info: University of Delaware

**Beginning of Undergraduate Record**  
**2020 Fall Freshman N**  
Program: Engineering  
Plan: Mechanical Engineering Major Bachelor of Mechanical Enginee 2243  
Plan: Honors

Course	Title		Attempted Hrs	Earned Hrs	Grade	Quality Pts
CHEM 103 070	GENERAL CHEMISTRY		3.000	3.000	B	9.000
CHEM 133 030L	GENERAL CHEMISTRY LABORATORY		1.000	1.000	A-	3.667
CISC 106 080	GEN COMPUTER SCIEN FOR ENGNR		3.000	3.000	A	12.000
EGGG 101 010	REQ DES: Honors					
	INTRODUCTION TO ENGINEERING		2.000	2.000	A	8.000
HONR 292 082	REQ DES: First Year Experience					
	HNRS: SOCIAL/BEHAVIOR TOPICS		3.000	3.000	A	12.000
MATH 241 014	REQ DES: Honors					
	ANALYTIC GEOMETRY & CALCULUS A		4.000	4.000	A-	14.668
			Attempted	Earned	Quality Hrs	Points
Term GPA		3.708 Term Totals	16.000	16.000	16.000	59.335
			Attempted	Earned	Quality Hrs	Points
Cum GPA	3.708	Cum Totals	16.000	16.000	16.000	59.335
		Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA		3.708 Comb Totals	16.000	16.000	16.000	59.335

Term Honor: Dean's List

**2021 Spr Freshman N**  
Program: Engineering  
Plan: Mechanical Engineering Major Bachelor of Mechanical Enginee 2243  
Plan: Honors

Course		Title	Attempted Hrs	Earned Hrs	Grade	Quality Pts
ENGL	110 080	SEMINAR IN COMPOSITION REQ DES: Honors	3.000	3.000	A-	11.001
MATH	242 015	ANALYTIC GEOMETRY & CALCULUS B	4.000	4.000	A-	14.668
MEEG	102 080	MECH ENG COMP-AIDED DESIGN REQ DES: Honors	3.000	3.000	A	12.000
MEEG	104 010	ANALYSIS & COMM OF TECH INFO	2.000	2.000	A	8.000
PHYS	207 010	FUNDAMENTALS OF PHYSICS I	4.000	4.000	C	8.000
			<u>Attempted</u>	<u>Earned</u>	<u>Quality Hrs</u>	<u>Points</u>
Term GPA		3.354 Term Totals	16.000	16.000	16.000	53.669

			Attempted	Earned	Quality Hrs	Points
Cum GPA	3.531	Cum Totals	32.000	32.000	32.000	113.004
		Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.531	Comb Totals	32.000	32.000	32.000	113.004

**2021 Fall Sophomore N**  
Program: Engineering  
Plan: Mechanical Engineering Major Bachelor of Mechanical Enginee 2243  
Plan: Honors

Course	Title	Attempted Hrs	Earned Hrs	Grade	Quality Pts
MATH 243 015	ANALYTIC GEOMETRY & CALCULUS C	4.000	4.000	A	16.000
MATH 351 010	ENGINEERING MATHEMATICS I	3.000	3.000	B+	9.999
MEEG 210 080	STATICS REQ DES: Honors	3.000	3.000	A	12.000
MEEG 241 080	THERMODYNAMICS REQ DES: Honors	3.000	3.000	A	12.000
PHYS 245 011	INTRO ELECTRICITY & ELECTRONIC	4.000	4.000	A	16.000

			Attempted	Earned	Quality Hrs	Points
Term GPA	3.882	Term Totals	17.000	17.000	17.000	65.999

			Attempted	Earned	Quality Hrs	Points
Cum GPA	3.653	Cum Totals	49.000	49.000	49.000	179.003
		Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.653	Comb Totals	49.000	49.000	49.000	179.003

Term Honor: Dean's List

**2022 Wintr Sophomore N**  
Program: Engineering  
Plan: Mechanical Engineering Major Bachelor of Mechanical Enginee 2243  
Plan: Honors

Course	Title	Attempted Hrs	Earned Hrs	Grade	Quality Pts
MATH 352 011	ENGINEERING MATHEMATICS II	3.000	3.000	A	12.000

			Attempted	Earned	Quality Hrs	Points
Term GPA	4.000	Term Totals	3.000	3.000	3.000	12.000

			Attempted	Earned	Quality Hrs	Points
Cum GPA	3.673	Cum Totals	52.000	52.000	52.000	191.003
		Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.673	Comb Totals	52.000	52.000	52.000	191.003



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Program: Engineering  
Plan: Mechanical Engineering Major Bachelor of Mechanical Engineer 2243  
Plan: Honors

2022 Spr

Sophomore N

Course	Title	Attempted Hrs	Earned Hrs	Grade	Quality Pts
MATH 353 013	ENGINEERING MATHEMATICS III	3.000	3.000	A	12.000
MEEG 211 010	DYNAMICS	3.000	3.000	A	12.000
MEEG 215 011	MECHANICS OF SOLIDS	3.000	3.000	A	12.000
MEEG 216 022L	SOLID MECHANICS LAB	1.000	1.000	A	4.000
MSEG 201 010	INTRO TO MATERIALS SCIENCE	3.000	3.000	A	12.000
THEA 309 010	FUNDAMNTLS OF STAGE MANAGEMENT	3.000	3.000	A	12.000

Term GPA	4.000	Term Totals	Attempted 16.000	Earned 16.000	Quality Hrs 16.000	Points 64.000
Cum GPA	3.750	Cum Totals	Attempted 68.000	Earned 68.000	Quality Hrs 68.000	Points 255.003
		Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.750	Comb Totals	Attempted 68.000	Earned 68.000	Quality Hrs 68.000	Points 255.003

Term Honor: Dean's List  
General Honors Award

Program: Engineering  
Plan: Mechanical Engineering Major Bachelor of Mechanical Engineer 2243  
Plan: Honors

2022 Fall

Junior N

Course	Title	Attempted Hrs	Earned Hrs	Grade	Quality Pts
MEEG 301 010	MACHINE DSGN-KINEMATICS&KINET	3.000	3.000	A	12.000
MEEG 311 010	CONTROL SYSTEMS	3.000	3.000	A	12.000
MEEG 312 022L	VIBRATION AND CONTROL LAB	1.000	1.000	A	4.000
MEEG 321 011	MATERIALS ENGINEERING	3.000	3.000	B	9.000
MEEG 331 010	FLUID MECHANICS I	3.000	3.000	A	12.000
MEEG 333 022L	FLUID MECHANICS LAB	1.000	1.000	A-	3.667

Term GPA	3.762	Term Totals	Attempted 14.000	Earned 14.000	Quality Hrs 14.000	Points 52.667
Cum GPA	3.752	Cum Totals	Attempted 82.000	Earned 82.000	Quality Hrs 82.000	Points 307.670
		Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.752	Comb Totals	Attempted 82.000	Earned 82.000	Quality Hrs 82.000	Points 307.670

Term Honor: Dean's List

Program: Engineering  
Plan: Mechanical Engineering Major Bachelor of Mechanical Engineer 2243  
Plan: Honors

2023 Spr

Junior N

Course	Title	Attempted Hrs	Earned Hrs	Grade	Quality Pts
BISC 207 010	INTRODUCTORY BIOLOGY I	4.000	4.000	B+	13.332
CISC 210 013	INTRO TO SYSTEMS PROGRAMMING	3.000	3.000	A	12.000
MEEG 304 080	MACHINE DESIGN-ELEMENTS	3.000	3.000	A	12.000
	REQ DES: Honors				
MEEG 332 010	FLUID MECHANICS II	3.000	3.000	A	12.000
MEEG 342 080	HEAT TRANSFER	3.000	3.000	A-	11.001
	REQ DES: Honors				
MEEG 346 020D	THERMAL LAB	1.000	1.000	A-	3.667

Term GPA	3.765	Term Totals	Attempted 17.000	Earned 17.000	Quality Hrs 17.000	Points 64.000
Cum GPA	3.754	Cum Totals	Attempted 99.000	Earned 99.000	Quality Hrs 99.000	Points 371.670
		Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.754	Comb Totals	Attempted 99.000	Earned 99.000	Quality Hrs 99.000	Points 371.670

Term Honor: Dean's List

Program: Engineering  
Plan: Mechanical Engineering Major Bachelor of Mechanical Engineer 2243  
Plan: Honors  
Plan: 4+1 Joint Bachelor and Master

2023 Fall

Senior N

Course	Title	Attempted Hrs	Earned Hrs	Grade	Quality Pts
ENTR 350 194	INTRO TO ENTREPRENEURSHIP	3.000	3.000	A	12.000
MEEG 401 016L	ENGINEERING SENIOR DESIGN	6.000	6.000	A	24.000
	REQ DES: Honors and Discovery Learning				
	Notes: Individual Honors Contract				
MEEG 432 010	AERODYNAMICS	3.000	3.000	A	12.000
MEEG 621 010	LINEAR SYSTEMS	3.000	3.000	A	12.000
MEEG 667 013	SEMINAR	3.000	3.000	A	12.000
	Course Topic: DIGITAL CONTROL				

Term GPA	4.000	Term Totals	Attempted 18.000	Earned 18.000	Quality Hrs 18.000	Points 72.000
Cum GPA	3.792	Cum Totals	Attempted 117.000	Earned 117.000	Quality Hrs 117.000	Points 443.670
		Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.792	Comb Totals	Attempted 117.000	Earned 117.000	Quality Hrs 117.000	Points 443.670



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Term Honor: Dean's List

Program: Engineering  
Plan: Mechanical Engineering Major Bachelor of Mechanical Engineer 2243  
Plan: Honors  
Plan: 4+1 Joint Bachelor and Master

Course	Title	Attempted Hrs	Earned Hrs	Grade	Quality Pts
BHAN	120 011L PHYSICAL EDUCATION	1.000	1.000	P	0.000
	Course Topic: TEAM SPORTS				
ENTR	150 194 BUS BASICS FOR ENTREPRENEURS	4.000	4.000	A	16.000
GRMN	103 010 GERMAN FOR ENGINEERS	4.000	4.000	A	16.000
HIST	104 010 WORLD HISTORY SINCE 1400	3.000	3.000	A-	11.001
	REQ DES: Multicultural				
MEEG	667 013 SEMINAR	3.000	3.000	A	12.000
	Course Topic: MECHATRONICS				
MEEG	671 010 INTRODUCTION TO ROBOTICS	3.000	3.000	A	12.000

		Attempted	Earned	Quality Hrs	Points
Term GPA	3.941 Term Totals	18.000	18.000	17.000	67.001

		Attempted	Earned	Quality Hrs	Points
Cum GPA	3.811 Cum Totals	135.000	135.000	134.000	510.671
	Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.811 Comb Totals	135.000	135.000	134.000	510.671

Term Honor: Dean's List

### Undergraduate Career Totals

Cum GPA:	3.811 Cum Totals	135.000	135.000	134.000	510.671
Transfer Cum GPA	Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.811 Comb Totals	135.000	135.000	134.000	510.671

Requestor: Benjamin Caro

End of Unofficial Academic Record



# Unofficial Academic Record

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End of Unofficial Academic Record

Degrees Awarded  
Degree: Honors Bachelor of Mechanical Engineering  
Date Conferred: May 25, 2024  
Plan: Mechanical Engineering Major  
Plan: Honors  
Plan: 4+1 Joint Bachelor and Master

Institution Info: University of Delaware

**Beginning of Graduate Record**  
**2024 Fall** **Master's N**  
Program: Engineering  
Plan: Robotics Master of Science  
Plan: 4 + 1 Joint Bachelor + Master

Course	Title	Attempted Hrs	Earned Hrs	Grade	Quality Pts
BMEG 641 010	BIOMECHATRONICS	3.000	3.000	A-	11.001
CISC 681 010	ARTIFICIAL INTELLIGENCE	3.000	3.000	A	12.000
MAST 632 010	ENVIRONMENTAL FIELD ROBOTICS	4.000	4.000	A	16.000
MEEG 666 000	SPECIAL PROBLEM	2.000	2.000	A	8.000

		Attempted	Earned	Quality Hrs	Points
Term GPA	3.917 Term Totals	12.000	12.000	12.000	47.001
		Attempted	Earned	Quality Hrs	Points
Cum GPA	3.917 Cum Totals	12.000	12.000	12.000	47.001
	Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.917 Comb Totals	12.000	12.000	12.000	47.001

**2025 Spr** **Master's N**  
Program: Engineering  
Plan: Robotics Master of Science  
Plan: 4 + 1 Joint Bachelor + Master

Course	Title	Attempted Hrs	Earned Hrs	Grade	Quality Pts
CISC 642 010	INTRO TO COMPUTER VISION	3.000	0.000		0.000
CISC 684 010	MACHINE LEARNING	3.000	0.000		0.000

		Attempted	Earned	Quality Hrs	Points
Term GPA	0.000 Term Totals	6.000	0.000	0.000	0.000
		Attempted	Earned	Quality Hrs	Points
Cum GPA	3.917 Cum Totals	18.000	12.000	12.000	47.001
	Transfer Totals	0.000	0.000	0.000	0.000
Combined Cum GPA	3.917 Comb Totals	18.000	12.000	12.000	47.001

**Graduate Career Totals**  
Cum GPA: 3.917 Cum Totals 18.000 12.000 12.000 47.001  
Transfer Cum GPA Transfer Totals 0.000 0.000 0.000 0.000  
Combined Cum GPA 3.917 Comb Totals 18.000 12.000 12.000 47.001

Requestor: Benjamin Caro