



**THE DURHAM SCHOOL
OF ARCHITECTURAL ENGINEERING AND CONSTRUCTION**

ANNUAL METRICS

**Academic Years
2019-2023[‡]**





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The Durham School's Mission & Vision

The Charles W. Durham School of Architectural Engineering and Construction was formed by action of the Board of Regents on December 13, 2003.

As a leader in advancing knowledge and innovating solutions, The Durham School of Architectural Engineering and Construction drives collaboration and growth in architectural engineering and construction (AEC). We prepare tomorrow's leaders through strong, mutually beneficial collaborations with industry.

Within the UNL College of Engineering's mission "to drive economic development in the state and region while solving problems of global importance", The Durham School's mission is specifically to improve the design, construction, and operation of buildings and other infrastructure, with a focus on increasing sustainability; occupant performance, health and wellness; and safety.



The Peter Kiewit Institute
UNO Scott Campus
Omaha, NE

Kiewit Hall*
UNL City Campus
Lincoln, NE

*Opens January 2024











2023-2024 Organizational Chart







Lily Wang
Director

**Durham School
Advisory Board**










City Campus

 Matt Barrows Associate Professor of Practice	 Kevin Grosskopf Professor	 Chun-Hsing (Jun) Ho Associate Professor
 Vish Reddi Associate Professor of Practice	 Tony Roebuck Assistant Professor of Practice	 Zhigang Shen Professor
 Terry Stentz Associate Professor, CEMT Graduate Committee Chair	 Emmeline Watson Assistant Professor of Practice	

Scott Campus

 Moe Alahmad Associate Professor
 Kyungki Kim Assistant Professor
 Jennifer Lather Assistant Professor
 Marc Maguire Associate Professor

Industry Fellows

 Patrick Cuddigan Industry Fellow of Project Management	 Todd Feldman Industry Fellow of Structural Design <i>HDR, Inc.</i>	 Bruce Gerhardt Industry Fellow of Construction Law <i>HDR, Inc.</i>
 Jessica Goodrich Industry Fellow of Construction Program Management <i>Project Control</i>	 Greg Hall Industry Fellow of Project Controls <i>Kiewit</i>	 John Hoodjer Industry Fellow of Construction Operations <i>JE Dunn</i>
 Ericka Niehueser Industry Fellow of Electrical Design <i>Farris Engineering</i>	 Todd Shackelford Industry Fellow of Digital Design <i>HDR, Inc.</i>	 Pete Uhing Industry Fellow of Mechanical Design <i>Clark & Enersen</i>



Lauren Ronsse
Lecturer



Dale Tiller
Associate Professor

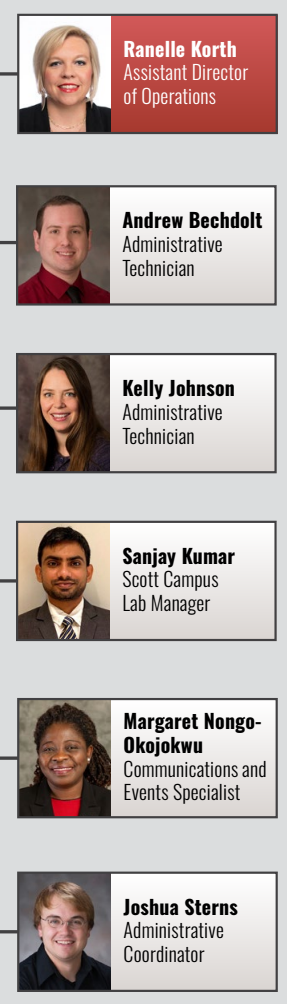


**Architectural Engineering
Industry Advisory
Committee (AEIAC)**

**Construction Industry
Advisory Council
(CIAC)**



Staff



Degrees Offered

	Bachelor of Science (B.S.)	Graduate Certificate	Master of Architectural Engineering (M.A.E.)	Master of Science (M.S.)	Doctoral (Ph.D.)
Architectural Engineering <i>(Omaha Only)</i>	X		X	X	X
Construction Management <i>(Omaha & Lincoln)</i>	X				
Construction Engineering <i>(Omaha & Lincoln)</i>	X				
Construction Engineering and Management (CEMT) <i>(Omaha & Lincoln)</i>		X		X	X

Journal Publications/Conference Proceedings

	2018	2019	2020	2021	2022
Journal Publications	23	43	47	34	37
Conference Proceedings	38	47	23	21	24
Total	61	90	70	55	61

All journal publications and conference proceedings are peer-reviewed

Source: Faculty profiles and department records, data may not represent all publications and proceedings

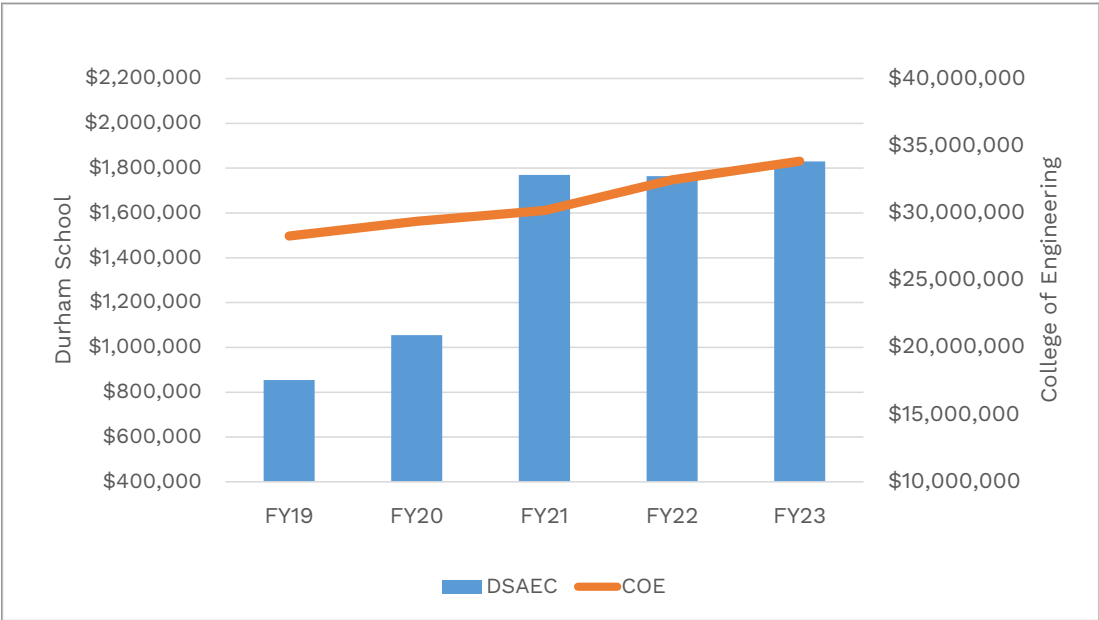




Research Expenditures

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Durham School	\$853,958	\$1,054,499	\$1,770,191	\$1,763,694	\$1,829,982
College of Engineering	\$28,286,754	\$29,378,265	\$30,188,748	\$32,455,813	\$33,843,262

Source: College of Engineering & ORED; data represents Fiscal Year (FY) July 1 - June 30



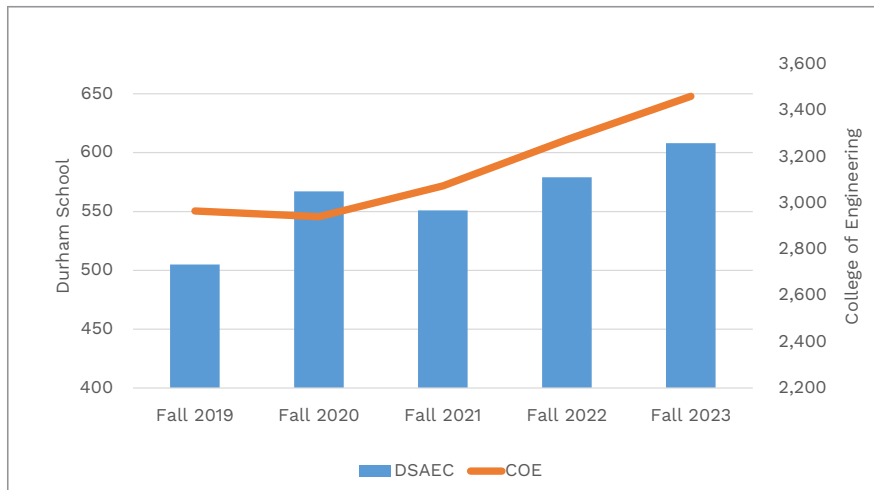
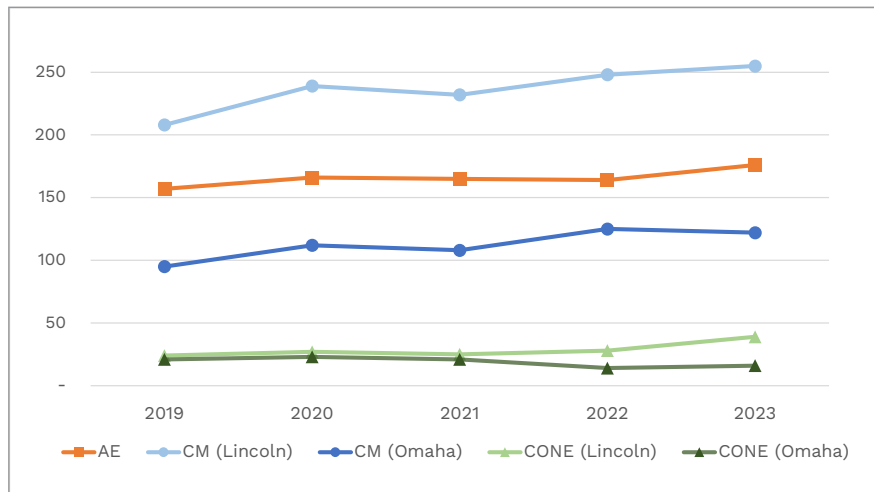


Undergraduate Enrollment

	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Architectural Engineering	157	166	165	164	176
Construction Management (Lincoln)	208	239	232	248	255
Construction Management (Omaha)	95	112	108	125	122
Construction Engineering (Lincoln)	24	27	25	28	39
Construction Engineering (Omaha)	21	23	21	14	16
Durham School	505	567	551	579	608
College of Engineering ¹	2966	2941	3074	3274	3462

Source: College of Engineering

1) Starting fall 2021, computer science majors are included in enrollment



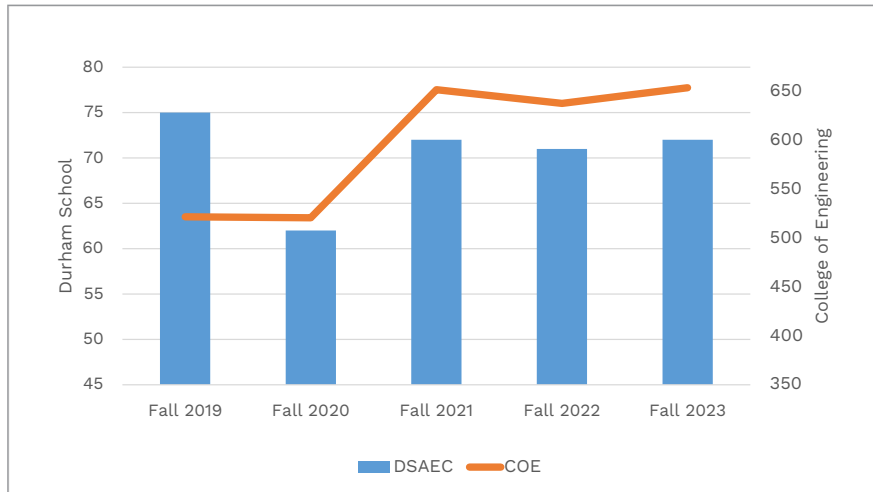


Graduate Enrollment

	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Architectural Engineering – M.A.E.	38	24	27	27	27
Architectural Engineering – M.S.	7	1	3	2	3
Architectural Engineering – Ph.D.	14	18	18	17	18
Construction – Graduate Certificate		2	3	1	1
Construction – M.S.	6	9	11	10	11
Construction – Ph.D.	10	8	10	14	12
Durham School	75	62	72	71	72
College of Engineering ¹	522	521	652	638	654

Source: College of Engineering

1) Starting fall 2021, computer science majors are included in enrollment

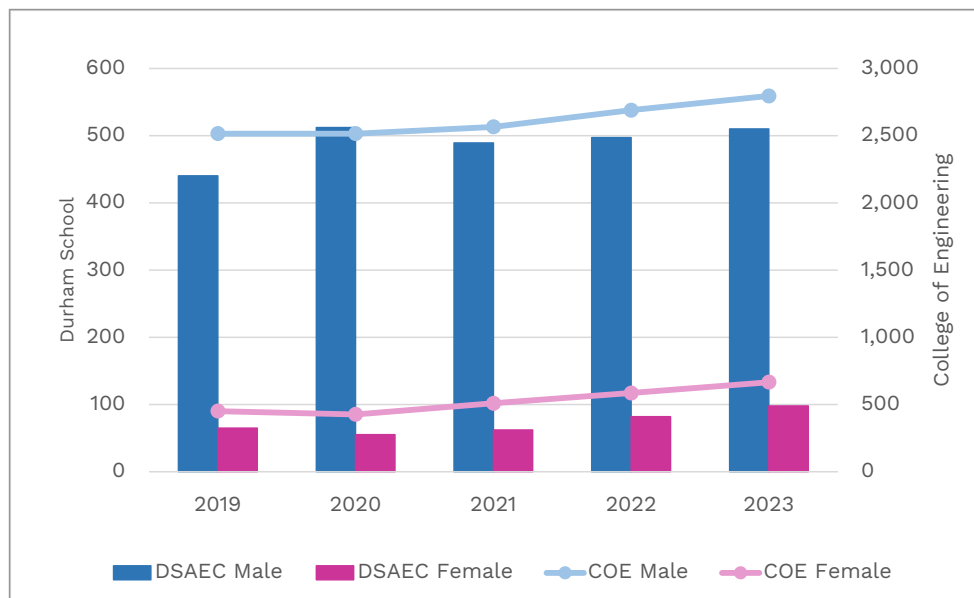




Gender Undergraduate

	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Architectural Engineering					
Male	113	128	122	116	115
Female	44	38	43	48	61
Construction Management					
Male	286	335	325	345	347
Female	17	16	15	28	30
Construction Engineering					
Male	41	49	42	36	48
Female	4	1	4	6	7
Durham School					
Male	440	512	489	497	510
Female	65	55	62	82	98
College of Engineering					
Male	2515	2515	2565	2689	2795
Female	451	426	509	585	666

Source: Institutional Effectiveness and Analytics; College of Engineering



Ethnicity Undergraduate

Durham School	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
American Indian/Alaska Native	0	0	1	0	0
Asian	16	16	9	10	16
Black, Non-Hispanic	7	8	12	13	13
Hispanic	42	54	51	64	74
Non-Resident Alien	23	14	10	13	15
Pacific Islander	0	0	0	0	0
Two or More Races	15	16	19	22	18
Unknown	6	3	3	3	5
White, Non-Hispanic	396	456	446	454	467

College of Engineering	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
American Indian/Alaska Native	4	3	4	5	5
Asian	102	116	149	163	199
Black, Non-Hispanic	62	66	82	93	92
Hispanic	230	257	263	330	352
Non-Resident Alien	264	193	170	163	171
Pacific Islander	1	1	0	0	3
Two or More Races	93	90	100	103	117
Unknown	33	33	29	28	27
White, Non-Hispanic	2235	2213	2316	2420	2523

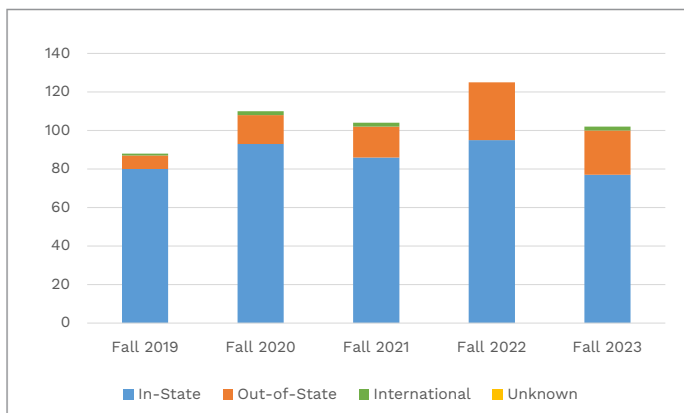
Source: Institutional Effectiveness and Analytics; College of Engineering





In-State / Out-of-State Students First-Time Freshmen

	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Architectural Engineering					
In-State	39	42	42	39	37
Out-of-State	2	2	9	4	7
International	0	1	2	0	1
Unknown/No Data	0	0	0	0	0
Construction Management					
In-State	27	40	28	46	30
Out-of-State	4	10	6	24	13
International	1	1	0	0	0
Unknown/No Data	0	0	0	0	0
Construction Engineering					
In-State	14	11	16	10	10
Out-of-State	1	3	1	2	3
International	0	0	0	0	1
Unknown/No Data	0	0	0	0	0
Combined					
In-State	80	93	86	95	77
Out-of-State	7	15	16	30	23
International	1	2	2	0	2
Unknown/No Data	0	0	0	0	0



Source: College of Engineering;
based on first-time, first-year
undergraduate students

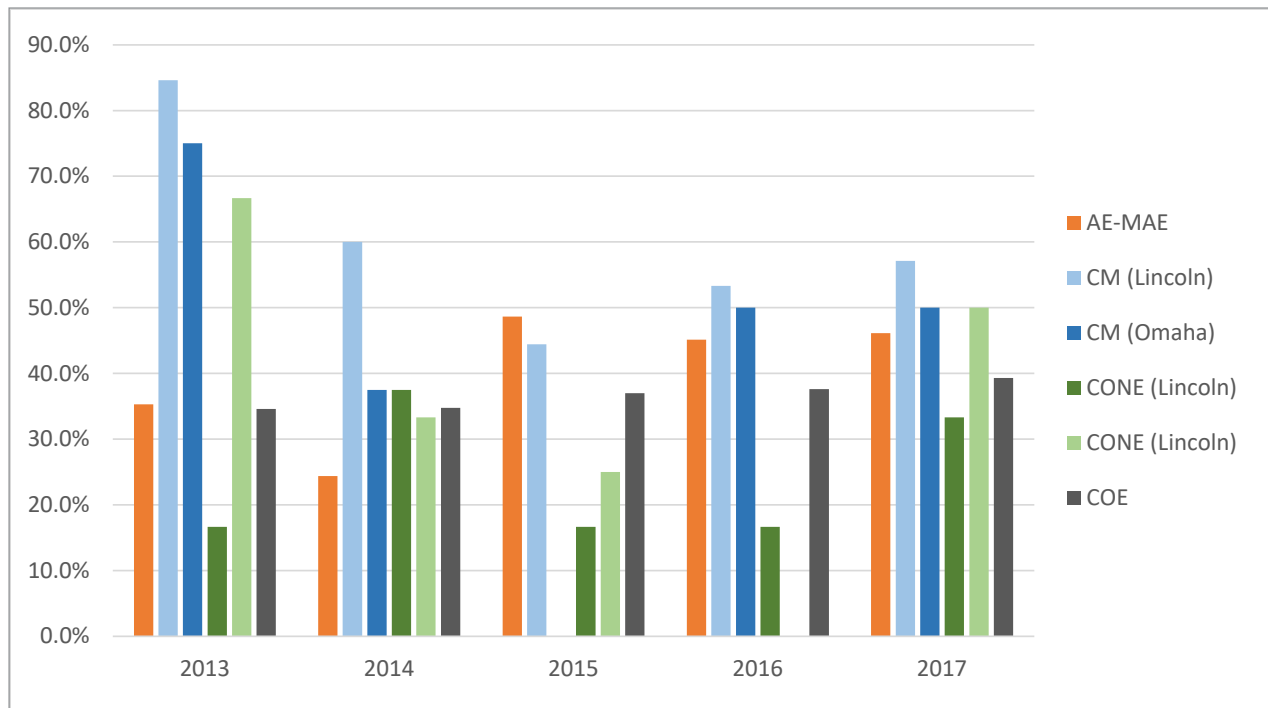


Graduation Rates Six-Year In-Major

	2013	2014	2015	2016	2017
Architectural Engineering ¹	35.3%	24.4%	48.6%	45.2%	46.2%
Construction Management (Lincoln)	84.6%	60.0%	44.4%	53.3%	57.1%
Construction Management (Omaha)	75.0%	37.5%	0.0%	50.0%	50.0%
Construction Engineering (Lincoln)	16.7%	37.5%	16.7%	16.7%	33.3%
Construction Engineering (Omaha)	66.7%	33.3%	25.0%		50.0%
College of Engineering	34.6%	34.7%	37.0%	37.6%	39.3%

Source: College of Engineering; based on first-time freshmen who graduate within six years

1) Graduation rate is based on students who complete the Master of Architectural Engineering (M.A.E.) program



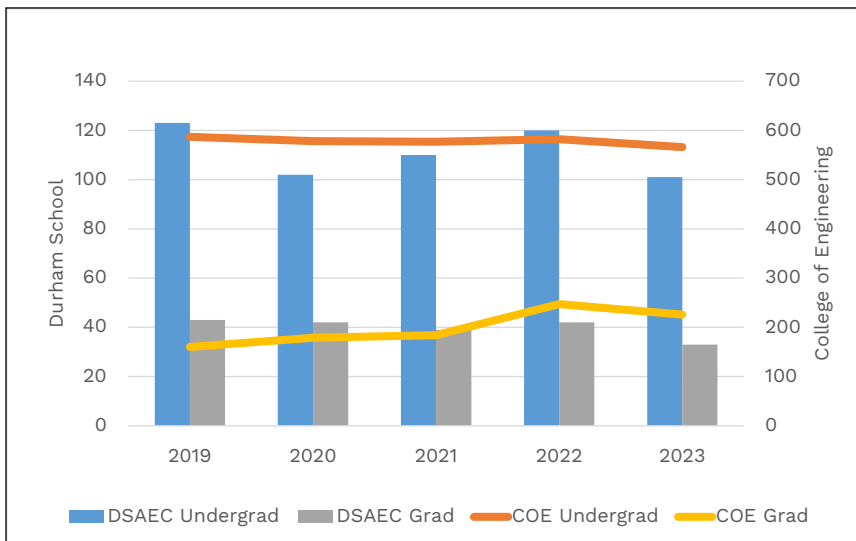


Degrees Conferred

Undergraduate Degrees	2018-19	2019-20	2020-21	2021-22	2022-23
Architectural Engineering	34	23	26	31	26
Construction Management (Lincoln)	50	54	56	58	43
Construction Management (Omaha)	28	19	23	22	28
Construction Engineering (Lincoln)	6	3	3	6	2
Construction Engineering (Omaha)	5	6	2	3	2
Durham School	123	105	110	120	101
College of Engineering	587	578	577	582	566

Graduate Degrees	2018-19	2019-20	2020-21	2021-22	2022-23
Architectural Engineering - M.A.E.	28	31	28	26	25
Architectural Engineering - M.S.	2	4	7	1	2
Architectural Engineering - Ph.D.	5	3	1	4	3
Construction - Graduate Certificate	0	0	0	3	2
Construction - M.S.	5	2	1	5	1
Construction - Ph.D.	3	2	2	3	0
Durham School	43	42	39	42	33
College of Engineering	160	179	184	247	226

Source: Institutional Effectiveness and Analytics; College of Engineering
 Degrees conferred are grouped by preceding summer academic year (summer>fall>spring)



Total Alumni To-Date

Architectural Engineering	700+
Construction	3,460+

Source: Durham School Alumni Databases

Architectural Engineering Student Placement

Master of Architectural Engineering (M.A.E.)

	2018-19	2019-20	2020-21	2021-22	2022-23
Alumni Records/Total Graduates	25/28	29/31	25/28	25/26	24/25
Employed in AE Industry ¹	84%	100%	96%	100%	100%
Employed in Non-AE Industry ¹	8%	0%	0%	0%	0%
Additional Education ¹	8%	0%	4%	0%	0%
Average Starting Salary	\$59,036	\$63,465	\$63,933	\$65,595	N/A ²

Construction Student Placement

Construction Undergraduates

	2018-19	2019-20	2020-21	2021-22	2022-23
Alumni Records/Total Graduates	76/89	57/82	58/84	73/89	30/75
Employed in Construction Industry ¹	93%	90%	86%	99%	97%
Employed in Non-Construction Industry ¹	4%	5%	7%	1%	3%
Additional Education ¹	3%	5%	7%	0%	0%
Average Starting Salary	\$60,402	\$66,365	\$60,182	\$62,955	N/A ²

Top Employer List (2019-2023)

- Alvine Engineering / IP Design Group
- Boyd Jones
- DLR Group
- Hausmann Construction
- HDR, Inc.
- Hensel Phelps
- Interstates
- JE Dunn Construction
- Kiewit
- Leo A Daly
- McCarthy Building Companies
- MCL Construction
- Miller Electric
- Morrissey Engineering
- Olsson
- Sampson Construction
- Specialized Engineering Solutions
- Stonebrook Exterior
- Turner Construction
- Whiting Turner

Source: Durham School Alumni Databases; Engineering Career Services

Alumni records are grouped by preceding summer academic year (summer>fall>spring)

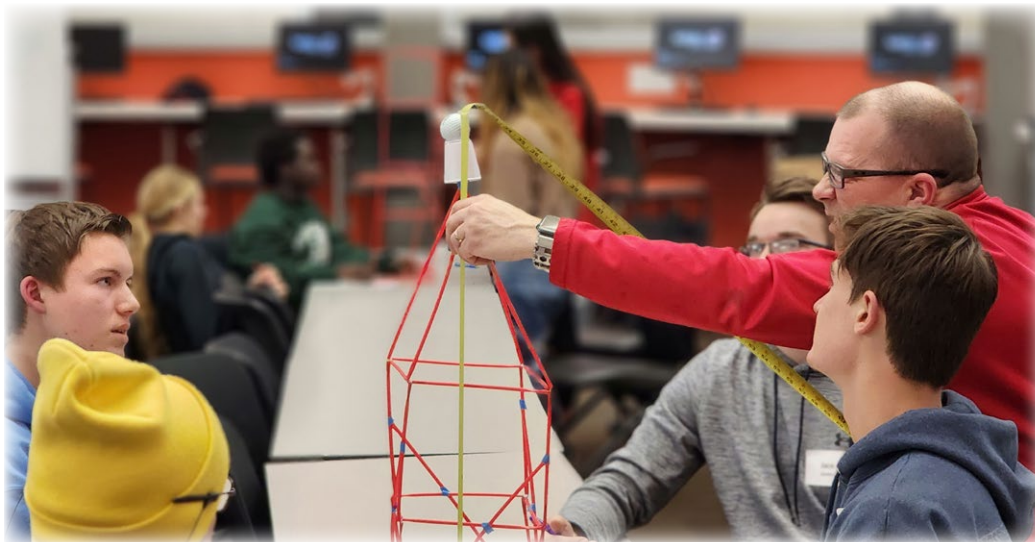
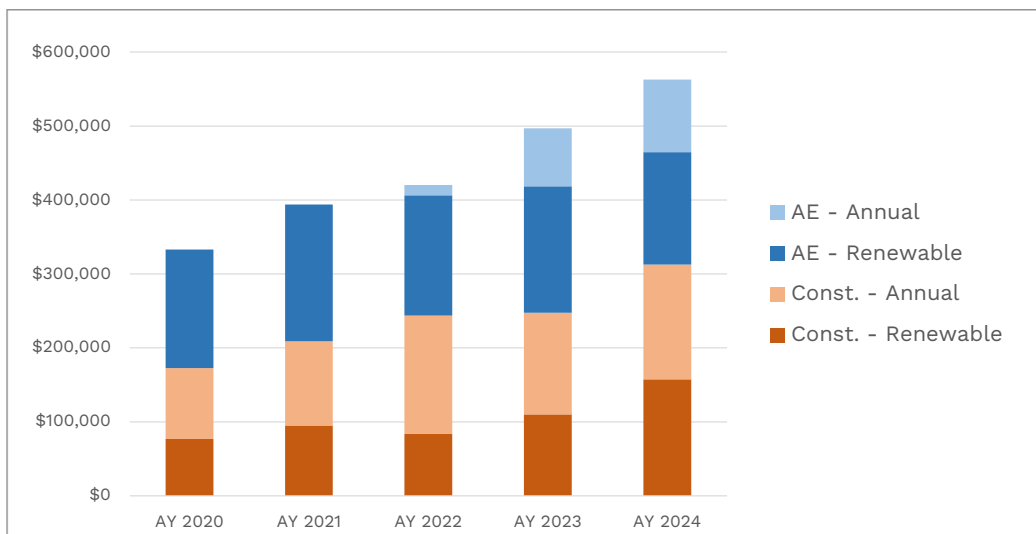
1) Of known records

2) Average starting salary data for most recent graduating class will be available one year after graduation

Undergraduate Scholarships Awarded by The Durham School

	Type	2019-20	2020-21	2021-22	2022-23	2023-24
Architectural Engineering	Renewable	\$160,500	\$185,000	\$162,500	\$170,750	\$152,000
Architectural Engineering	Annual			\$14,000	\$78,500	\$98,000
Construction	Renewable	\$76,875	\$95,000	\$83,750	\$110,000	\$157,500
Construction	Annual	\$95,750	\$113,869	\$160,000	\$137,650	\$155,250
Total		\$333,125	\$393,869	\$420,250	\$496,900	\$562,750

Source: Durham School scholarship records; annual construction scholarship totals include Construction Industry Advisory Council (CIAC) annual scholarships



Durham School Career Fair Statistics

Day 1 - Internship Presentations	2019	2020	2021	2022	2023
Student Presentations	44	47 ^V	64 ^V	30	26
Attendance	234	N/A ^V	N/A ^V	154	158

Day 2 - Career Fair	2019	2020	2021	2022	2023
Registered Employers	110	80 ^V	86 ^I	76	100
Student Visitors	358	338 ^V	293 ^I	315	311

Day 3 - Next-Day Interviews	2019	2020	2021	2022	2023
Participating Employers	37	N/A [‡]	N/A [‡]	17	19
Next-Day Interviews	343	N/A [‡]	N/A [‡]	132	162

Source: College of Engineering Career Services
 V) Event held virtually via Zoom
 I) Numbers include in-person fair only
 ‡) Next-day interviews were not held due to COVID-19



Recent Student Competitions 2022-2023

2022 Architectural Engineering Institute (AEI) International Student Design Competition

2nd Place	Building Integration (Top Award)
1st Place	Electrical Systems Design
2nd Place	Mechanical Systems Design
2nd Place	Structural Systems Design
Outstanding Achievement in Innovation – Building Performance Enhancement	

2022 American Society of Heating and Air-Conditioning Engineers (ASHRAE) Design Competition

2nd Place	HVAC System Selection
2nd Place	Building EQ Competition
Rising Star	HVAC Design Calculations Competition

2023 Architectural Engineering Institute (AEI) International Student Design Competition

2nd Place	Building Integration (Top Award)
1st Place	Electrical Systems Design
Special Award	Sustainability: Embodied Carbon and Recyclability

2023 American Society of Heating and Air-Conditioning Engineers (ASHRAE) Design Competition

1st Place	HVAC Design Calculations Competition
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2023 Associated Schools of Construction (ASC) Region 4 Competition

1st Place	Commercial General Contractor Division
2nd Place	Commercial Construction Manager at Risk Division

Illuminating Engineering Society (IES) Howard Brandston Student Lighting Design Education Grant

Durham School students received top honors in years:	2010, 2011, 2013, 2014, 2015, 2016, 2018, 2019, 2021, 2023
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Additionally, students received honorable mention awards in years:	2011, 2014, 2016
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2022 Architectural Engineering Institute (AEI) International Student Design Competition (remote)

Recent Student Competitions 2022-2023



2022 American Society of Heating and Air-Conditioning Engineers (ASHRAE) Design Competition



2023 Architectural Engineering Institute (AEI) International Student Design Competition



2023 Associated Schools of Construction (ASC) Region 4 Competition



Advisory Boards

Durham School Advisory Board

Doug Alvine	Alvine and Associates, Inc.	Justin Kurtzer	Cheever Construction
Lynne Durham Boyer	John K. and Lynne Durham Family Foundation	Mary "Sunny" D. Lundgren	Sunny Durham Family Foundation
Guenther Dziuvenis	Retired; AVI Systems	Nancy Melby	Leo A Daly
Doug Glaser	Kiewit Infrastructure Group, Inc.	Mike Moran	Retired; HDR, Inc.
Eric Kamin	DLR Group	Toni Watts-McDonald	Watts Electric Company

Architectural Engineering Industry Advisory Committee (AEIAC)

Ryan Curtis	Leo A Daly	Brent Protzman	Lutron Electronics
Stephanie Guy	Alvine and Associates, Inc.	Mark Sarkisian	Skidmore, Owings & Merrill LLP
Amy Hackney	Simpson Gumpertz & Heger, Inc.	Chrysanthi Stockwell	Hammel, Green and Abrahamson, Inc.
Eric Kamin	DLR Group	Andy Yosten	HDR Architecture, Inc.
Rodd Merchant	JE Dunn Construction	Jie Zhao	Delos
Erik Miller-Klein	Tenor Engineering Group		

Construction Industry Advisory Council (CIAC)

Mark Arnold	GH Phipps	Alan Kennedy	Lueder Construction Co.
Nate Barry	Metropolitan Community College	Greg Key	Lueder Construction Co.
Ryan Burbach	Ironhide Construction	Chris Kingery	Retired; Kingery Construction Company
Brent Burger	Black & Veatch Construction	Mark Menousek	JE Dunn Construction
Bryan Bush	City Glass Company	Tim Meyer	Boyd Jones
Miranda Christiansen	Hensel Phelps	Mike Naccarato	JE Dunn Construction
Brent Clausen	C2 Building Company	Travis Noble	JE Dunn Construction
Pat Cuddigan	PKC Project Consulting	Sheila O'Conner	AGC Nebraska Building Chapter
Jenna Donley	HDR, Inc.	Mike Ostlund	Kiewit
Ryan Felton	McCarthy Building Companies, Inc.	Tony Potthoff	Constructors / NEBCO
Branch Foote	Swinerton	Gabe Ronk	MMC Contractors
Bruce Gerhardt	HDR, Inc.	Matt Schendt	Hausmann Construction
Scott Gerrard	SEMA Construction, Inc.	Matt Schulte	Whiting-Turner Contracting Company
Doug Glaser	Kiewit Infrastructure Group, Inc.	Nick Svoboda	CRB Group
Chris Grojean	Hawkins	Jason Tagge	Miller Electric
Greg Hall	Kiewit	Ryan Watzke	JE Dunn Construction
Chris Harnly	Lund-Ross Constructors	Chad Westphalen	The Waldinger Corporation
Joey Hausmann	Hausmann Construction	Katie Wilson	AGC Nebraska
John Hoodjer	JE Dunn Construction	Todd Wimmer	Union Pacific
Ted Hoog	Brinkmann Constructors	Robert Wittler	Ayars & Ayars, Inc.
Renee Jacobs	Distech Controls	Don Wrieth	Retired; Kiewit Building Group
Jason Jansen	MCL Construction		
Kelsey Johnson	MCA Omaha		
Shaun Jones	Turner Construction Company		