

GRADUATE  
FOLLOW-UP REPORT  
UNIVERSITY OF MINNESOTA DULUTH

2017-2018

# Mechanical Engineering

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2017-18 UMD Graduate Follow-up Report

# Mechanical Engineering

(Bachelor of Science in Mechanical Engineering)

## Annual Comparison

July 1 to June 30	2013-14	2014-15	2015-16	2016-17	2017-18
<b>Students Granted Baccalaureate Degrees</b>	63	76	92	90	123
<b>Baccalaureate Degree Respondents</b>	61 97%	72 95%	90 98%	89 99%	116 94%
Respondents Employed	59 97%	65 90%	83 92%	86 97%	104 90%
Respondents Employed in Minnesota	38/59 64%	56/65 86%	61/82 74%	69/85 81%	79/104 76%
Respondents Continuing Education	0 na	1 1%	3 3%	0 na	8 7%
<b>Internship Participation Respondents</b>	59 94%	68 89%	85 92%	81 90%	104 85%
Respondents completing an internship or co-op experience (not student teaching)	47 80%	54 79%	68 80%	54 67%	75 72%
Respondents receiving academic credit for their internship or co-op experience	7/44 16%	9/49 18%	24/68 35%	15/54 28%	19/75 25%
Respondents receiving payment for their internship or co-op experience	0/0 na	47/47 100%	66/68 97%	53/54 98%	75/75 100%
Respondents receiving an offer of employment from the internship or co-op site	27/44 61%	25/49 51%	40/68 59%	33/54 61%	48/75 64%
Respondents accepting the employment offer	19/27 70%	15/25 60%	33/40 83%	20/33 61%	28/48 58%
<b>Study Abroad Participation Respondents</b>	57 90%	68 89%	86 93%	81 90%	104 85%
Respondents participating in a study abroad program	1 2%	7 10%	2 2%	2 2%	5 5%

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# Mechanical Engineering

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## Baccalaureate Statistics

Awarded Majors <sup>1</sup>	Survey Respondents <sup>2</sup>	Employed	Cont Ed Undergrad	Cont Ed Grad/Prof	Not Seeking	Actively Seeking	No Info	Employed w/State Given	Employed in Minnesota	Employed in Minnesota	% Employed	% Placed <sup>3</sup>
123	116	104	0	8	0	4	7	104	79	76%	90%	97%

## Reported Annual Salaries<sup>4</sup>

# Respondents	Low	High	Mean	Median
74	31200	101000	61235	62000

## Job Relevance to Major

	Related	Somewhat Related	Not Related	No Response
Respondents	93	10	1	0
% of Total Respondents	89%	10%	1%	

## Internships

Completed an internship <sup>5</sup>			Received academic credit for it			Was paid			Received an offer of employment			Accepted the offer		
Respondents <sup>6</sup>	# Yes	% Yes	Respondents	# Yes	% Yes	Respondents	# Yes	% Yes	Respondents	# Yes	% Yes	Respondents	# Yes	% Yes
104	75	72%	75	19	25%	75	75	100%	75	48	64%	48	28	58%

## Study Abroad

Studied Abroad			Did not study abroad		No response	
# Respondents	Number	Percent	Number	Percent	Number	Percent
104	5	5%	99	95%	12	10%

<sup>1</sup> "Awarded Majors" includes all majors completed by an individual

<sup>2</sup> "Survey Respondents" includes all majors completed by an individual and does not include "No Info"

<sup>3</sup> "% Placed" includes "Survey Respondents" who are "Employed," "Continuing Ed" and "Not Seeking"

<sup>4</sup> Salary data is available when 3 or more full-time employed respondents provided salary information and includes all majors completed by an individual

<sup>5</sup> "Internship" includes internship or co-op, but not student teaching

<sup>6</sup> "Respondents" includes all majors completed by an individual

## Follow-up of Mechanical Engineering - Bachelor of Science in Mechanical Engineering Majors

1Micro, Waconia, MN - Design & Manufacturing Engineer  
1Micro, Waconia, MN - Engineer  
Abbott, Plymouth, MN - Engineer 1  
ADDCO, St. Paul, MN - Mechanical Engineer  
AirBorn, Little Falls, MN - Design Mechanical Engineer  
All Flex, Northfield, MN - Process Engineer  
Altec, Duluth, MN - Applications Engineer  
Altec, Duluth, MN - Engineer  
Altec, Duluth, MN - Manufacturing Engineer  
American Axle & Manufacturing, St. Cloud, MN - Environmental Project Engineer  
Angling Unlimited, Sitka, AK - Fishing Guide  
Ardisam, Cumberland, WI - Design Engineer  
Aurora Pharmaceutical, Northfield, MN - Engineer  
Banner Engineering, Plymouth, MN - Design Engineer  
BC Motion, Brookston, MN - Mechanical Engineer  
Bench Mark Electronics, Winona, MN - Project Engineer  
Boston Scientific, Arden Hills, MN - Manufacturing Engineer 1  
Boston Scientific, Maple Grove, MN - Manufacturing Engineer  
Buhler Group, Minneapolis, MN - Mechanical Engineer  
BW Papersystems, Duluth, MN - Field Service Engineer  
Carley Foundry, Blaine, MN - Process Engineer  
Cirrus Aircraft, Duluth, MN - Quality Engineer  
Climate by Design International, Owatonna, MN - Mechanical Engineer  
Collins Aerospace, Burnsville, MN - Maintenance, Repair & Operations Manufacturing Engineer  
CR-BTS, Duluth, MN - Junior Facility Assessor  
Crown Iron Works, Roseville, MN - Research & Development Engineer I  
Custom Fabricating & Repair, Mora, MN - Project Design Engineer  
Delavan, Minneapolis, MN - Design Engineer  
Design Ready Controls, Brooklyn Park, MN - Manufacturing Engineer  
DeZURIK, Sartell, MN - Mechanical Design Engineer  
Discount Steel, Minneapolis, MN - Mechanical Engineer  
Douglas Machines, Alexandria, MN - Mechanical Engineer  
Duluth, MN - Retail Sales Manager  
Eaton, Plymouth, MN - Technical Sales Representative  
EcoWater Systems, Woodbury, MN - Mechanical Engineer  
Electric Machinery, St. Anthony, MN - Mechanical Engineer  
Emerson, Chanhassen, MN - Manufacturing Engineer  
Emerson, Shakopee, MN - Manufacturing Engineer  
ExxonMobil, Houston, TX - Cost Engineer  
Fast Global Solutions, Glenwood, MN - Mechanical Engineer 1  
Feiertag Construction, Chetek, WI  
Forest Lake, MN - Manufacturing Engineer  
Genesis Attachments, Superior, WI - Manufacturing Engineer  
Graco, Minneapolis, MN - Engineer  
Hallberg Engineering, White Bear Lake, MN - Mechanical Engineer  
Harris, St. Paul, MN - Mechanical Engineer  
Hextall Digital Aid Corporation, Denver, CO - Field Service Engineer  
Humanscale, St. Paul, MN - Design Engineer  
Hutchinson Technology, Eau Claire, WI - Machine Design Engineer  
Hutchinson Technology, Eau Claire, WI - Process Engineer (2)  
Hutchinson Technology, Eau Claire, WI - Production Manager  
IHS Door Company, Superior, WI - CAD/CAM Designer  
Keyence, St. Louis Park, MN - Sales Engineer  
KFI, Minneapolis, MN - Mechanical Engineer 1  
Lake Superior Consulting, Duluth, MN - Integrity Engineer (2)  
Lake Superior Consulting, Minneapolis, MN - Integrity Engineer  
Lake Superior Consulting, Roseville, MN - Pipeline Integrity Engineer  
LG Electronics, Clarksville, TN - Engineer 1  
Malco Products, SBC, Annandale, MN - New Product Development Engineer  
Marvin Windows & Doors, Warroad, MN - Product Development Engineer  
Medtronic, Danvers, MA - Mechanical Design Engineer  
Medtronic, Fridley, MN - Associate Quality Engineer  
MEGlobal, Duluth, MN - Power Engineer  
Michael Foods, Chaska, MN - Maintenance Process Coordinator  
Micro Control Company, Minneapolis, MN - Mechanical Design Engineer  
Nexus Solutions, Maple Grove, MN - Mechanical Designer  
OakRiver Technology, Oakdale, MN - Systems Engineer  
Parker Hannifin, Grantsburg, WI - Automation Engineer  
Parker Hannifin, Grantsburg, WI - Quality Engineer  
Parker Hannifin, St. Paul, MN - Product Engineer  
Pentair, Milwaukee, WI - Manufacturing Engineer  
Phillips Distilling, Princeton, MN - Manufacturing Engineer  
Polaris, Medina, MN - Indian Motorcycle Production Support EDP Associate Engineer  
Polaris, Spirit Lake, IA - Lean Engineer  
Polaris, Wyoming, MN - Design Engineer Associate  
Production Systems Inc, Shoreview, MN - Manufacturing Engineer  
Productivity Quality Inc., Plymouth, MN - Applications Engineer  
ProMed Molded Products, Plymouth, MN - Project Engineer

RFA Engineering, Eden Prairie, MN - Mechanical Engineer 1 (2)  
RSA Engineering, Eden Prairie, MN - Mechanical Engineer  
RSA Engineering, Eden Prairie, MN - Mechanical Engineer 1  
Safety Speed Manufacturing, Ham Lake, MN - Mechanical Engineer  
Summit Information Resources, Eagan, MN - Sales Representative  
Summit Mechanics, Shoreview, MN - Mechanical Design Engineer  
Superior Lidgerwood Mundy, Duluth, MN - Mechanical Engineer  
Tool House, Maple Grove, MN - Application Engineer  
TSI, Shoreview, MN - Mechanical Engineer  
TUOHY, Chatfield, MN - Sales Drawing  
United Piping Inc., Duluth, MN - Field Engineer  
United Piping Inc., Washington, PA - Project Engineer  
United Science, Osceola, WI - Mechanical Engineer  
United States Air Force, OK - Officer  
United States Air National Guard, Phoenix, AZ - Pilot  
United States Navy, Charleston, SC  
University of Minnesota Duluth, Swenson College of Science &  
Engineering, Duluth, MN - Research Assistant  
Uponor, Lakeville, MN - Design Technician  
UTC Aerospace Systems, York, NE - Special Processes Materials Engineer  
Verso Corporation, Quinnesec, MI - Capital Engineer  
Waldoch, Forest Lake, MN - Project Engineer  
Weather Shield Windows & Doors, Medford, WI - Manufacturing Engineer  
Wold Architects & Engineers, St. Paul, MN - Mechanical Engineer

Graduate School, Aerospace Engineering, University of Minnesota Twin  
Cities, Minneapolis, MN  
Graduate School, Aerospace Engineering, École Polytechnique de Montréal,  
Montreal, QC, Canada  
Graduate School, Divinity & Church Planting, Southern Baptist Theological  
Seminary, Louisville, KY  
Graduate School, Mechanical Engineering, University of Minnesota Duluth,  
Duluth, MN (4)  
Graduate School, Science in Patent Law, University of Minnesota Law  
School, Minneapolis, MN