Mechanical Engineering
# 2017-18 UMD Graduate Follow-up Report

## Mechanical Engineering
* (Bachelor of Science in Mechanical Engineering)*

### Annual Comparison

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Students Granted Baccalaureate Degrees</td>
<td>63</td>
<td>76</td>
<td>92</td>
<td>90</td>
<td>123</td>
</tr>
<tr>
<td>Baccalaureate Degree Respondents</td>
<td>61</td>
<td>72</td>
<td>90</td>
<td>89</td>
<td>116</td>
</tr>
<tr>
<td>Respondents Employed</td>
<td>59</td>
<td>65</td>
<td>83</td>
<td>86</td>
<td>104</td>
</tr>
<tr>
<td>Respondents Employed in Minnesota</td>
<td>38/59</td>
<td>56/65</td>
<td>61/82</td>
<td>69/85</td>
<td>79/104</td>
</tr>
<tr>
<td>Respondents Continuing Education</td>
<td>0</td>
<td>1</td>
<td>3</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>Respondents Completing an Internship or Co-op Experience (not student teaching)</td>
<td>47</td>
<td>54</td>
<td>68</td>
<td>54</td>
<td>75</td>
</tr>
<tr>
<td>Respondents Receiving Academic Credit for their Internship or Co-op Experience</td>
<td>7/44</td>
<td>9/49</td>
<td>24/68</td>
<td>15/54</td>
<td>19/75</td>
</tr>
<tr>
<td>Respondents Receiving Payment for their Internship or Co-op Experience</td>
<td>0/0</td>
<td>47/47</td>
<td>66/68</td>
<td>53/54</td>
<td>75/75</td>
</tr>
<tr>
<td>Study Abroad Participation Respondents</td>
<td>57</td>
<td>68</td>
<td>86</td>
<td>81</td>
<td>104</td>
</tr>
<tr>
<td>Respondents Participating in a Study Abroad Program</td>
<td>1</td>
<td>7</td>
<td>2</td>
<td>2</td>
<td>5</td>
</tr>
</tbody>
</table>
### Baccalaureate Statistics

<table>
<thead>
<tr>
<th>Awarded Majors¹</th>
<th>Survey Respondents²</th>
<th>Employed</th>
<th>Cont Ed Undergrad</th>
<th>Cont Ed Grad/Prof</th>
<th>Not Seeking</th>
<th>Actively Seeking</th>
<th>No Info</th>
<th>Employed w/State Given</th>
<th>Employed in Minnesota</th>
<th>Employed in Minnesota %</th>
<th>Employed %</th>
<th>Placed³ %</th>
</tr>
</thead>
<tbody>
<tr>
<td>123</td>
<td>116</td>
<td>104</td>
<td>0</td>
<td>8</td>
<td>0</td>
<td>4</td>
<td>7</td>
<td>104</td>
<td>79</td>
<td>76%</td>
<td>90%</td>
<td>97%</td>
</tr>
</tbody>
</table>

### Reported Annual Salaries⁴

<table>
<thead>
<tr>
<th># Respondents</th>
<th>Low</th>
<th>High</th>
<th>Mean</th>
<th>Median</th>
</tr>
</thead>
<tbody>
<tr>
<td>74</td>
<td>31200</td>
<td>101000</td>
<td>61235</td>
<td>62000</td>
</tr>
</tbody>
</table>

### Job Relevance to Major

<table>
<thead>
<tr>
<th>Related</th>
<th>Somewhat Related</th>
<th>Not Related</th>
<th>No Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>93</td>
<td>10</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>89%</td>
<td>10%</td>
<td>1%</td>
<td></td>
</tr>
</tbody>
</table>

### Internships

<table>
<thead>
<tr>
<th>Completed an internship⁵</th>
<th>Received academic credit for it</th>
<th>Was paid</th>
<th>Received an offer of employment</th>
<th>Accepted the offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respondents</td>
<td>Respondents</td>
<td>Respondents</td>
<td>Respondents</td>
<td>Respondents</td>
</tr>
<tr>
<td># Yes</td>
<td>% Yes</td>
<td># Yes</td>
<td>% Yes</td>
<td># Yes</td>
</tr>
<tr>
<td>104</td>
<td>75%</td>
<td>75%</td>
<td>75%</td>
<td>75%</td>
</tr>
<tr>
<td>75%</td>
<td>25%</td>
<td>100%</td>
<td>64%</td>
<td>58%</td>
</tr>
</tbody>
</table>

### Study Abroad

<table>
<thead>
<tr>
<th>Studied Abroad</th>
<th>Did not study abroad</th>
<th>No response</th>
</tr>
</thead>
<tbody>
<tr>
<td># Respondents</td>
<td>Number</td>
<td>Percent</td>
</tr>
<tr>
<td>104</td>
<td>5</td>
<td>5%</td>
</tr>
</tbody>
</table>

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¹ "Awarded Majors" includes all majors completed by an individual
² "Survey Respondents" includes all majors completed by an individual and does not include "No Info"
³ "% Placed" includes "Survey Respondents" who are "Employed," "Continuing Ed" and "Not Seeking"
⁴ Salary data is available when 3 or more full-time employed respondents provided salary information and includes all majors completed by an individual
⁵ "Internship" includes internship or co-op, but not student teaching
⁶ "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
Buehler Group, Minneapolis, MN - Mechanical Engineer
BW Pappersystems, 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 1
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 Lidgetwood 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