University of Minnesota Duluth

GRADUATE FOLLOW-UP REPORT

CHEMICAL ENGINEERING

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## Chemical Engineering

*(Bachelor of Science in Chemical Engineering)*

### Annual Comparison

<table>
<thead>
<tr>
<th></th>
<th>2009-10</th>
<th>2010-11</th>
<th>2011-12</th>
<th>2012-13</th>
<th>2013-14</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Students Granted Baccalaureate Degrees</strong></td>
<td>26</td>
<td>26</td>
<td>40</td>
<td>26</td>
<td>38</td>
</tr>
<tr>
<td><strong>Baccalaureate Degree Respondents</strong></td>
<td>19</td>
<td>18</td>
<td>36</td>
<td>26</td>
<td>34</td>
</tr>
<tr>
<td>Respondents Employed</td>
<td>73%</td>
<td>69%</td>
<td>90%</td>
<td>100%</td>
<td>89%</td>
</tr>
<tr>
<td>Respondents Continuing Education</td>
<td>2</td>
<td>1</td>
<td>3</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Respondents Continuing Education</td>
<td>11%</td>
<td>6%</td>
<td>8%</td>
<td>4%</td>
<td>9%</td>
</tr>
<tr>
<td><strong>Internship Participation Respondents</strong></td>
<td>17</td>
<td>17</td>
<td>32</td>
<td>25</td>
<td>31</td>
</tr>
<tr>
<td>Respondents completing an internship or co-op experience (not student teaching)</td>
<td>14</td>
<td>13</td>
<td>21</td>
<td>20</td>
<td>26</td>
</tr>
<tr>
<td>Respondents receiving academic credit for their internship or co-op experience</td>
<td>5/14</td>
<td>5/13</td>
<td>10/21</td>
<td>9/20</td>
<td>10/23</td>
</tr>
<tr>
<td>Respondents receiving an offer of employment from the internship or co-op site</td>
<td>3/14</td>
<td>4/13</td>
<td>10/21</td>
<td>9/19</td>
<td>14/25</td>
</tr>
<tr>
<td>Respondents accepting the employment offer</td>
<td>2/3</td>
<td>3/4</td>
<td>4/10</td>
<td>8/9</td>
<td>10/14</td>
</tr>
<tr>
<td><strong>Study Abroad Participation Respondents</strong></td>
<td>17</td>
<td>17</td>
<td>32</td>
<td>25</td>
<td>31</td>
</tr>
<tr>
<td>Respondents participating in a study abroad program</td>
<td>65%</td>
<td>65%</td>
<td>80%</td>
<td>96%</td>
<td>82%</td>
</tr>
<tr>
<td>Respondents participating in a study abroad program</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>
Baccalaureate Statistics

<table>
<thead>
<tr>
<th>Awarded Majors</th>
<th>Survey Respondents</th>
<th>Employed</th>
</tr>
</thead>
<tbody>
<tr>
<td>38</td>
<td>34</td>
<td>31</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<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>% Placed</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>31</td>
<td>14</td>
<td>45%</td>
<td>91%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Reported Annual Salaries

<table>
<thead>
<tr>
<th># Respondents</th>
<th>Low</th>
<th>High</th>
<th>Mean</th>
<th>Median</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>40000</td>
<td>90000</td>
<td>62187</td>
<td>65000</td>
</tr>
</tbody>
</table>

Job Relevance to Major

<table>
<thead>
<tr>
<th>Job Relevance to Major</th>
<th># Respondents</th>
<th>% of Total Respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Related</td>
<td>27</td>
<td>87%</td>
</tr>
<tr>
<td>Somewhat Related</td>
<td>3</td>
<td>10%</td>
</tr>
<tr>
<td>Not Related</td>
<td>1</td>
<td>3%</td>
</tr>
<tr>
<td>No Response</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Internships

<table>
<thead>
<tr>
<th>Completed an internship</th>
<th>Received academic credit for it</th>
<th>Received an offer of employment</th>
<th>Accepted the offer</th>
</tr>
</thead>
<tbody>
<tr>
<td># Respondents</td>
<td># Yes</td>
<td>% Yes</td>
<td># Respondents</td>
</tr>
<tr>
<td>-------------------</td>
<td>-------</td>
<td>--------</td>
<td>---------------</td>
</tr>
<tr>
<td>31</td>
<td>26</td>
<td>84%</td>
<td>23</td>
</tr>
</tbody>
</table>

Study Abroad

<table>
<thead>
<tr>
<th># Respondents</th>
<th>Studied abroad</th>
<th>Did not study abroad</th>
<th>No response</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Percent</td>
<td>Number</td>
</tr>
<tr>
<td>31</td>
<td>2</td>
<td>6%</td>
<td>29</td>
</tr>
</tbody>
</table>

---
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.
2013-14 UMD Graduate Follow-up Report

Follow-up of Chemical Engineering - Bachelor of Science in Chemical Engineering Majors

3M, Hutchinson, MN - Process Engineer
3M, Minneapolis, MN - Technical Aide
Aeration Industries, Chaska, MN - Applications Engineer
Appvion, Appleton, WI - Process Engineer
Buckman, Beaumont, TX - Area Representative
Cargill, Eddyville, IA - Production Management Engineer
Cargill, Eddyville, IA - Vitamin E Production Management Engineer Associate
Cargill, Fargo, ND - Process Optimizing Engineer
Cargill, West Fargo, SD - Process Optimization Engineer
CarGo Carriers, Inc., Des Moines, IA - Laboratory Technician
Charter NEX Films, Superior, WI - Product Development Engineer
Donaldson Company, Bloomington, MN - Engineer 1
Electrolux, St. Cloud, MN - Processing Assistant
Enbridge, Duluth, MN - Compliance Engineer
Enbridge, Superior, WI
Enbridge, Superior, WI - Rotational Engineer-in-Training
Fellowship of Catholic University Students, India - Missionary
General Mills, Cincinnati, OH - Quality Associate
GoldCorp, Lead, SD - Graduate Metallurgist
Lake Superior Consulting, Duluth, MN - Corrosion Technician
Lake Superior Consulting, Duluth, MN - Structural Engineer
Magnatation, Grand Rapids, MN - Processing Engineer
ME Elecmetal, Duluth, MN - Process Engineer
Merjent, Minneapolis, MN - Analyst One
Northern Tier Energy, St. Paul Park, MN - Process Engineer
Osceola Foods, Osceola, IA - Maintenance Engineer
PTC, Blaine, MN - Associate Software Engineer
RockTenn, St. Paul, MN - Process Engineer
Roquette America, Keokuk, IA - Team Leader
Stresau Laboratory, Spooner, WI - Chemist
Sunstar Americas, Chicago, IL - Chemical Engineer

Graduate School, Chemical & Biomolecular Engineering, University of Houston, TX
Graduate School, Chemical & Biomolecular Engineering, University of Notre Dame, South Bend, IN
Graduate School, Chemical Engineering, Colorado School of Mines, Golden, CO