Graduate Follow-Up Report

Biology

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# Biology (CLA & SCSE)

*(Bachelor of Arts or Bachelor of Science)*

## Annual Comparison

### Students Granted Baccalaureate Degrees

<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></td>
<td>108</td>
<td>108</td>
<td>127</td>
<td>139</td>
<td>133</td>
</tr>
</tbody>
</table>

### Baccalaureate Degree Respondents

<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></td>
<td>82</td>
<td>87</td>
<td>120</td>
<td>127</td>
<td>113</td>
</tr>
<tr>
<td></td>
<td>76%</td>
<td>81%</td>
<td>94%</td>
<td>91%</td>
<td>85%</td>
</tr>
</tbody>
</table>

- **Respondents Employed**
  - 2009-10: 45
  - 2010-11: 58
  - 2011-12: 76
  - 2012-13: 85
  - 2013-14: 86
  - **Employment Rate:** 55% (2009-10), 67% (2010-11), 63% (2011-12), 67% (2012-13), 76% (2013-14)

- **Respondents Continuing Education**
  - 2009-10: 32
  - 2010-11: 21
  - 2011-12: 36
  - 2012-13: 31
  - 2013-14: 19
  - **Continuing Education Rate:** 39% (2009-10), 24% (2010-11), 30% (2011-12), 24% (2012-13), 17% (2013-14)

### Internship Participation Respondents

<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></td>
<td>75</td>
<td>81</td>
<td>109</td>
<td>108</td>
<td>99</td>
</tr>
<tr>
<td></td>
<td>69%</td>
<td>75%</td>
<td>86%</td>
<td>78%</td>
<td>74%</td>
</tr>
</tbody>
</table>

- **Respondents completing an internship or co-op experience (not student teaching)**
  - 2009-10: 15
  - 2010-11: 16
  - 2011-12: 26
  - 2012-13: 25
  - 2013-14: 19
  - **Completion Rate:** 20% (2009-10), 20% (2010-11), 24% (2011-12), 23% (2012-13), 19% (2013-14)

- **Respondents receiving academic credit for their internship or co-op experience**
  - 2009-10: 5/14 (36%)
  - 2010-11: 6/16 (38%)
  - 2011-12: 12/25 (48%)
  - 2012-13: 10/24 (42%)
  - 2013-14: 12/18 (28%)

- **Respondents receiving an offer of employment from the internship or co-op site**
  - 2009-10: 1/13 (8%)
  - 2010-11: 3/16 (19%)
  - 2011-12: 5/25 (20%)
  - 2012-13: 8/24 (33%)
  - 2013-14: 5/18 (28%)

- **Respondents accepting the employment offer**
  - 2009-10: 1/1 (100%)
  - 2010-11: 2/3 (67%)
  - 2011-12: 5/5 (100%)
  - 2012-13: 7/8 (88%)
  - 2013-14: 4/9 (44%)

### Study Abroad Participation Respondents

<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></td>
<td>76</td>
<td>80</td>
<td>109</td>
<td>109</td>
<td>97</td>
</tr>
<tr>
<td></td>
<td>70%</td>
<td>74%</td>
<td>86%</td>
<td>78%</td>
<td>73%</td>
</tr>
</tbody>
</table>

- **Respondents participating in a study abroad program**
  - 2009-10: 14
  - 2010-11: 13
  - 2011-12: 15
  - 2012-13: 28
  - 2013-14: 21
  - **Participation Rate:** 18% (2009-10), 16% (2010-11), 14% (2011-12), 26% (2012-13), 22% (2013-14)
## Biology (CLA & SCSE)  
*(Bachelor of Arts or Bachelor of Science)*

### Baccalaureate Statistics

<table>
<thead>
<tr>
<th>Awarded Majors</th>
<th>Survey Respondents</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>% Placed</th>
</tr>
</thead>
<tbody>
<tr>
<td>133</td>
<td>113</td>
<td>86</td>
<td>6</td>
<td>13</td>
<td>2</td>
<td>6</td>
<td>20</td>
<td>85</td>
<td>71</td>
<td>84%</td>
<td>76%</td>
<td>95%</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>52</td>
<td>15080</td>
<td>75000</td>
<td>32700</td>
<td>29640</td>
</tr>
</tbody>
</table>

### Job Relevance to Major

<table>
<thead>
<tr>
<th>Respondents</th>
<th>Related</th>
<th>Somewhat Related</th>
<th>Not Related</th>
<th>No Response</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>36</td>
<td>24</td>
<td>26</td>
<td>0</td>
</tr>
</tbody>
</table>

% of Total Respondents: 42% Related, 28% Somewhat Related, 30% Not Related, 0% No Response

### 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>99</td>
<td>19</td>
<td>19%</td>
<td>18</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>97</td>
<td>21</td>
<td>22%</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 Biology - Bachelor of Arts Majors

Affordable Cleaning & Organizing, Eau Claire, WI - Self-employed Owner
LabCorp, Hermantown, MN - Forensic Laboratory Technician
Nay Ah Shing Schools, Onamia, MN - Paraprofessional
Pace Analytical, Bloomington, MN - Chemist
Residential Services Incorporated, Duluth, MN - Independent Living Skills Counselor
Trillium Construction Services, Madison, WI - Laborer
University of Minnesota Duluth, Natural Resources Research Institute, Duluth, MN - Senior Lab Technician
University of Minnesota Twin Cities, St. Paul, MN - Plant Biology Junior Scientist
Graduate School, Environmental Health & Safety, University of Minnesota Duluth
Undergrad/Technical, Emergency Medical Services, Inver Hills Community College, Inver Grove Heights, MN
Undergrad/Technical, Nursing, South Dakota State University, Sioux Falls
Follow-up of Biology - Bachelor of Science Majors

3M, St. Paul, MN - Regulatory Affairs Project manager
All Energy Solar, St. Paul, MN - Solar Installer
AmeriCorps NCCC FEMA Corps South West Region, Denver, CO - Team Leader
Ardent Mills, Minnetonka, MN - Laboratory Technician
Best Buy, Bloomington, MN - Warehouse Worker
Be The Match, Minneapolis, MN - Bio Repository Tech
Billy's Bar, Duluth, MN - Bartender
Blustin Optical Center, Duluth, MN - Optometrist Tech
Building Blocks Learning Center, Duluth, MN - Infant Teacher
Cahill Dental, Inver Grove Heights, MN - Treatment Coordinator
Cargill, Duluth, MN - Laboratory Tech
Carlton Fire & Ambulance, Carlton, MN - Emergency Medical Technician
Central Todd County Care Center, Clarissa, MN - Certified Nursing Assistant
Cirrus Aircraft, Duluth, MN - Aftermarket Design Engineer
Cooke Inlet Aquaculture Association, Kenai, AK - Biologist
Copeland Buhl & Company, Wayzata, MN - Temp
Covenant Enabling Residences of Minnesota, Duluth, MN - Direct Care Provider
CSL Plasma, Bloomington, MN - Pheresis Group Leader
CSL Plasma, Duluth, MN - General Supervisor of Operations
Diamond Willow Assisted Living, Proctor, MN - Care Specialist
Dick's Sporting Goods, Duluth, MN - Associate
Ebenezer Care Center, South Minneapolis, MN - Registered Nurse Assistant
Emergency Physicians Professional Association, Hopkins, MN - Emergency Department Medical Scribe
Emergency Physicians Professional Association, Minneapolis, MN - Medical Scribe
Emergency Physicians Professional Association, Minnetonka, MN - Medical Assistant
Emergency Physicians Professional Association, St. Paul, MN - Scribe
Essentia Health, Brainerd, MN - Certified Pharmacy Technician
Essentia Health, Duluth, MN - Inpatient Pharmacy Tech
Family Heritage, Bloomington, MN - Personal Agent
Ferguson-Keller Associates, Buffalo, MN - Sales Associate
General Mills, Plymouth, MN
Grand Itasca Clinic & Hospital, Grand Rapids, MN - Nursing Assistant
Herberger's, Fargo, ND - Shoes Selling Supervisor
Inver Grove Heights Animal Hospital, Inver Grove Heights, MN - Veterinary Tech Assistant
JDP Capital, Restaurant Concepts, Scottsdale, AZ - Director of Operations
L&M Fleet Supply, Grand Rapids, MN - Warehouse Worker
Lake County Ambulance, Two Harbors, MN - Emergency Medical Technician
Life Medical, St. Louis Park, MN - Medical Scribe & Personal Assistant
Marsh Insurance Agency, San Francisco, CA - Insurance Sales
MEDTOX, Roseville, MN - Laboratory Technologist
Medtronic, Fridley, MN - Associate Microbiologist
Menards, Dundas, MN - Delivery Coordinator
Midway Chiropractic, St. Paul, MN - Receptionist
Minnesota Lung Center/Minnesota Sleep Institute, Minneapolis, MN - Clinical Research Coordinator
Minnesota Valley Testing Lab, New Ulm, MN - Microbiologist
Mount Royal Dental, Duluth, MN - Dental Assistant
New Scenic Cafe, Two Harbors, MN - Line Chef
North Memorial Hospital, Plymouth, MN - Scribe
Pace Analytical, St. Paul, MN - Project Manager
Peace Corps, Washington, DC - Peace Corps Volunteer
Pearle Vision, Baxter, MN - Assistant Manager
Pickwick Restaurant & Pub, Duluth, MN - Server
Prevention Gentics, Marshfield, WI - Clinical Lab DNA Technician
Prime Therapeutics, Edina, MN - Pharmacy Technician
ProtaTek International, St. Paul, MN - Laboratory Technician
Questar Assessment, Plymouth, MN - Test Scorer
Regeneration Technologies, Alachua, FL - Environmental Monitoring Microbiology Analyst
Rice Memorial Hospital, Willmar, MN - Emergency Room Patient Access & Communications
Shakopee Public Schools, Shakopee, MN - Teacher
Target Stores, Brainerd, MN - Pharmacy Technician
Thirsty Otter Tavern & Resort, Balsam Lake, WI - Manager
Trillium Services, Duluth, MN - Job Coach
United States Army, Rosemount, MN
United States Postal Service, Chetek, WI - Rural Carrier
United States Postal Service, St. Louis Park, MN - Letter Carrier
University of Minnesota Duluth, Auxiliary Services, Duluth, MN - Research Plot Technician
University of Minnesota Duluth, Department of Biology, Duluth, MN - Administrative Office Specialist
University of Minnesota Duluth, Department of Geography, Duluth, MN - Aquaponics Junior Scientist
UPS, Eagan, MN
USG, Cloquet, MN - Operator
Viking Electric - Sales
Wal-Mart, Elk River, MN - Pharmacy Technician
Walgreens, Duluth, MN - Pharmacy Technician
Wal-Mart, Superior, WI - Cashier
Wal-Mart Pharmacy, Coon Rapids, MN - Pharmacy Technician
Waverly Gardens, North Oaks, MN - Nursing Assistant
Western Ecosystems Technology, Atlantic, IA – Surveyor
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Whistling Bird, Gilbert, MN - Restaurant Owner

Graduate School, Biomedical Forensic Science, Syracuse University, Syracuse, NY
Graduate School, Biomedical Informatics & Computational Biology, University of Minnesota Twin Cities
Graduate School, Biomedical Informatics & Computational Biology, University of Minnesota Twin Cities
Graduate School, Evolutionary Biology, University of Colorado Denver
Graduate School, Physical Therapy, Washington University, St. Louis, MO
Law School, Michigan State University College of Law, East Lansing
Law School, University of Minnesota Law School, Minneapolis
Medical School, University of Minnesota Medical School Duluth
Optometry School, Illinois College of Optometry, Chicago
Pharmacy School, Concordia University Wisconsin School of Pharmacy, Mequon, WI
Pharmacy School, University of Minnesota College of Pharmacy Duluth
Pharmacy School, University of Minnesota College of Pharmacy Twin Cities

Undergrad/Technical, Computer Science, University of Minnesota Duluth
Undergrad/Technical, Medical Laboratory Technician, Lake Superior College, Duluth, MN
Undergrad/Technical, Nursing, Rasmussen College, Mankato, MN
Undergrad/Technical, Nursing, South Dakota State University, Sioux Falls