# 2014-15 UMD Graduate Follow-up Report

## Biology (CLA & SCSE)
(Bachelor of Arts or Bachelor of Science)

## Annual Comparison

<table>
<thead>
<tr>
<th>July 1 to June 30</th>
<th>2010-11</th>
<th>2011-12</th>
<th>2012-13</th>
<th>2013-14</th>
<th>2014-15</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Students Granted Baccalaureate Degrees</strong></td>
<td>108</td>
<td>127</td>
<td>139</td>
<td>133</td>
<td>124</td>
</tr>
<tr>
<td><strong>Baccalaureate Degree Respondents</strong></td>
<td>87</td>
<td>120</td>
<td>127</td>
<td>113</td>
<td>110</td>
</tr>
<tr>
<td>Respondents Employed</td>
<td>81%</td>
<td>94%</td>
<td>91%</td>
<td>85%</td>
<td>89%</td>
</tr>
<tr>
<td>Respondents Employed</td>
<td>58</td>
<td>76</td>
<td>85</td>
<td>86</td>
<td>75</td>
</tr>
<tr>
<td>Respondents Employed</td>
<td>67%</td>
<td>63%</td>
<td>67%</td>
<td>76%</td>
<td>68%</td>
</tr>
<tr>
<td>Respondents Continuing Education</td>
<td>21</td>
<td>36</td>
<td>31</td>
<td>19</td>
<td>29</td>
</tr>
<tr>
<td>Respondents Continuing Education</td>
<td>24%</td>
<td>30%</td>
<td>24%</td>
<td>17%</td>
<td>26%</td>
</tr>
<tr>
<td><strong>Internship Participation Respondents</strong></td>
<td>81</td>
<td>109</td>
<td>108</td>
<td>99</td>
<td>102</td>
</tr>
<tr>
<td>Respondents completing an internship or co-op experience (not student teaching)</td>
<td>75%</td>
<td>86%</td>
<td>78%</td>
<td>74%</td>
<td>82%</td>
</tr>
<tr>
<td>Respondents completing an internship or co-op experience (not student teaching)</td>
<td>16</td>
<td>26</td>
<td>25</td>
<td>19</td>
<td>27</td>
</tr>
<tr>
<td>Respondents completing an internship or co-op experience (not student teaching)</td>
<td>20%</td>
<td>24%</td>
<td>23%</td>
<td>19%</td>
<td>26%</td>
</tr>
<tr>
<td>Respondents receiving academic credit for their internship or co-op experience</td>
<td>6/16</td>
<td>12/25</td>
<td>10/24</td>
<td>5/18</td>
<td>12/25</td>
</tr>
<tr>
<td>Respondents receiving academic credit for their internship or co-op experience</td>
<td>38%</td>
<td>48%</td>
<td>42%</td>
<td>28%</td>
<td>48%</td>
</tr>
<tr>
<td>Respondents receiving an offer of employment from the internship or co-op site</td>
<td>3/16</td>
<td>5/25</td>
<td>8/24</td>
<td>9/18</td>
<td>4/26</td>
</tr>
<tr>
<td>Respondents receiving an offer of employment from the internship or co-op site</td>
<td>19%</td>
<td>20%</td>
<td>33%</td>
<td>50%</td>
<td>15%</td>
</tr>
<tr>
<td>Respondents accepting the employment offer</td>
<td>2/3</td>
<td>5/5</td>
<td>7/8</td>
<td>4/9</td>
<td>2/4</td>
</tr>
<tr>
<td>Respondents accepting the employment offer</td>
<td>67%</td>
<td>100%</td>
<td>88%</td>
<td>44%</td>
<td>50%</td>
</tr>
<tr>
<td><strong>Study Abroad Participation Respondents</strong></td>
<td>80</td>
<td>109</td>
<td>109</td>
<td>97</td>
<td>98</td>
</tr>
<tr>
<td>Respondents participating in a study abroad program</td>
<td>74%</td>
<td>86%</td>
<td>78%</td>
<td>73%</td>
<td>79%</td>
</tr>
<tr>
<td>Respondents participating in a study abroad program</td>
<td>13</td>
<td>15</td>
<td>28</td>
<td>21</td>
<td>14</td>
</tr>
<tr>
<td>Respondents participating in a study abroad program</td>
<td>16%</td>
<td>14%</td>
<td>26%</td>
<td>22%</td>
<td>14%</td>
</tr>
</tbody>
</table>
## 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 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>124</td>
<td>110</td>
<td>75</td>
<td>7</td>
<td>22</td>
<td>1</td>
<td>5</td>
<td>14</td>
<td>75</td>
<td>58</td>
<td>77%</td>
<td>68%</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>42</td>
<td>19760</td>
<td>58240</td>
<td>32594</td>
<td>32120</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>% of Total Respondents</td>
<td>48%</td>
<td>29%</td>
<td>23%</td>
<td>0</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>102</td>
<td>27</td>
<td>26%</td>
<td>25</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>98</td>
<td>14</td>
<td>14%</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

Banfield Pet Hospital, St. Cloud, MN - Veterinarian Assistant
Be The Match, New Brighton, MN - Biorepository Technician
Bethesda Hospital, HealthEast Care System, St. Paul, MN - Nursing Assistant
Clemson University, Cooper Youth Learning Institute, Clemson, SC - Outdoor Education Coordinator
Ethicon, Cincinnati, OH - Medical Device Sales Representative
Hampshire Farms and Applebee's, Duluth, MN - Merchandiser and Bartender & Server
Horwitz, St. Paul, MN - Pipefitter Craft Support
Hutchinson Technology, Hutchinson, MN - Quality Assurances
Miracle-Ear Foundation, Baraboo, WI - Patient Care Manager
Monsanto, Redwood Falls, MN - Research Assistant
Pace Analytical, Minneapolis, MN - Quality Assurance Analyst
Sarah's Cottage Creations, Stillwater, MN - Landscaper & Gardener
St. Luke's Health Care System Hospital, Duluth, MN - Pharmacy Technician
Super One, Superior, WI - Front End Manager
Wells Fargo, Minneapolis, MN - Home Mortgage Loan Processor
Westman, Champlin & Koehler, Minneapolis, MN - Legal Assistant

Graduate School, Biology, Northern Arizona University, Flagstaff
Physician Assistant School

Undergrad/Technical, Medical Laboratory Technician, Lake Superior College, Duluth, MN
Undergrad/Technical, Nursing, Hibbing Community College, MN
Follow-up of Biology - Bachelor of Science

Accessible Space, Inc., Duluth, MN - Personal Assistant
ACR Homes and Keystone Place at LaValle Fields Senior Living, St. Paul and Hugo, MN
Animal Allies Humane Society, Duluth, MN - Medical Manager
Best Buy, Apple Valley, MN - Merchandising Specialist
Be The Match, New Brighton, MN - Laboratory Technician
Blue Ocean Society for Marine Conservation, Portsmouth, NH - Naturalist
Boston Scientific, Maple Grove, MN - Regulatory Affairs Specialist
Bozeman Health, Bozeman, MT - Patient Care Technician
Carlton Fire & Rescue, Carlton, MN - Emergency Medical Technician
Cirrus Aircraft, Duluth, MN - Aftermarket Sales Agent
Cold Spring Brewery, Cold Spring, MN - Quality Control Technician
CVS, Edina, MN - Pharmacy Technician
Duluth, MN - Clerk and Soccer Instructor
Duluth, MN - Nanny
Element Fleet Services, Eden Prairie, MN - Customer Service Advisor
Elite Medical Scribes, Duluth, MN - Medical Scribe
Elite Medical Scribes, Minneapolis, MN - Assistant Chief Scribe
Emergency Physicians Professional Association, Minnetonka, MN - Medical Transcriptionist
Era Laboratories, Duluth, MN - Laboratory Analyst
Essentia Health, Duluth, MN - Certified Nursing Assistant
Eurofins Biodiagnostics, River Falls, WI - Laboratory Assistant
Experis, Lake Zurich, IL - Laboratory Analyst
General Mills, Minneapolis, MN - Pre-scale Technician
General Mills, Minneapolis, MN - Research & Development Technician
Great Lakes Aquarium, Duluth, MN - Educator
Hennepin County, Minneapolis, MN - Clinical Research Coordinator
Kemps, St. Paul, MN - Quality Control Laboratory Technician
Kmart, Duluth, MN - Service Desk Associate
Loyola University Chicago, IL - Research Assistant 1
Maple Ridge Care Center, Spooner, WI - Nurse's Aide
Mayo Clinic, Rochester, MN - Laboratory Assistant
McCormick Ambulance Company, Torrance, CA - Emergency Medical Technician

Primary Automation Systems, Ham Lake, MN - Administrative Assistant
Prime Therapeutics, Eagan, MN - Insurance Verification Specialist
Saginaw Correctional Facility, Saginaw, MN - Corrections Counselor
SolarCity, Las Vegas, NV - Incentives Coordinator
Spirit Mountain, Duluth, MN - Outdoor Operations Manager
Stryker, Duluth, MN - Medical Sales Representative
Superior Animal Hospital, Duluth, MN - Veterinary Assistant
Tender Loving Care of Duluth, Duluth, MN - Behavioral Counselor
The Navigators, Brookings, SD - Intern
Tru Green Lawn Care, Maple Grove, MN - Lawn Care Technician
Twin Cities Orthopedics, Edina, MN - Clinical Assistant
UnitedHealth Group, Duluth, MN - Claims Processor
UnitedHealth Group, Edina, MN - Project Analyst
United States Air Force, Columbus, MS - Pilot Trainee
United States Environmental Protection Agency, Duluth, MN
University of Minnesota Duluth, Duluth, MN - Laboratory Research Technician
University of Minnesota Duluth, Natural Resources Research Institute, Duluth, MN
University of Wisconsin-Madison, Madison, WI - Research Intern
Virginia National Guard, Richmond, VA - Medical Specialist
Von Hanson's Meats, Savage, MN - Meat Cutter
Wealshire of Bloomington, Bloomington, MN - Nursing Assistant

Graduate School, Chemistry, University of Minnesota Duluth
Graduate School, Clinical Exercise Physiology, University of Wisconsin-River Falls
Graduate School, Entomology, Cornell University, Ithaca, NY
Graduate School, Evolution, Ecology & Population Biology, Washington University in St. Louis, MO
Graduate School, Financial Mathematics, University of Minnesota Twin Cities
Graduate School, Integrated Biosciences, University of Minnesota Duluth
Graduate School, Medical Laboratory Sciences, Mayo School of Health Sciences, Rochester, MN
Graduate School, Molecular & Integrative Physiology, University of Michigan, Ann Arbor
Graduate School, Sports Administration & Leadership, Augustana University, Sioux Falls, SD
Optometry School, Pacific University College of Optometry, Forest Grove, OR
Pharmacy School, Concordia University Wisconsin, Mequon
Pharmacy School, Creighton University, Omaha, NE
Pharmacy School, The University of Iowa College of Pharmacy, Iowa City
Pharmacy School, University of Minnesota College of Pharmacy Duluth
Pharmacy School, University of Minnesota College of Pharmacy Duluth
Pharmacy School, University of Minnesota College of Pharmacy Duluth
Pharmacy School, University of Minnesota College of Pharmacy Duluth
Physician Assistant School, Carroll University, Waukesha, WI
Physician Assistant School, Carroll University, Waukesha, WI

Undergrad/Technical, American Sign Language, St. Catherine University, St. Paul, MN
Undergrad/Technical, Nursing, The College of St. Scholastica, Duluth, MN
Undergrad/Technical, Nursing, The College of St. Scholastica, Duluth, MN
Undergrad/Technical, Nursing, Wisconsin Indianhead Technical College, Superior, WI
Undergrad/Technical, Post-Baccalaureate Pre-Health Program, Northwestern Health Sciences University, Bloomington, MN