

GRADUATE  
**FOLLOW-UP REPORT**  
UNIVERSITY OF MINNESOTA DULUTH

2017-2018

# Biology

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2017-18 UMD Graduate Follow-up Report

# Biology

(Bachelor of Arts or Bachelor of Science)

## Annual Comparison

| July 1 to June 30   | 2013-14      | 2014-15      | 2015-16      | 2016-17      | 2017-18      |
|---|--------------|--------------|--------------|--------------|--------------|
| <b>Students Granted Baccalaureate Degrees</b>                                   | 133          | 124          | 123          | 108          | 92           |
| <b>Baccalaureate Degree Respondents</b>   | 113<br>85%   | 110<br>89%   | 97<br>79%    | 94<br>87%    | 78<br>85%    |
| Respondents Employed  | 86<br>76%    | 75<br>68%    | 56<br>58%    | 64<br>68%    | 48<br>62%    |
| Respondents Employed in Minnesota   | 71/85<br>84% | 58/75<br>77% | 44/55<br>80% | 54/64<br>84% | 41/47<br>87% |
| Respondents Continuing Education  | 19<br>17%    | 29<br>26%    | 35<br>36%    | 25<br>27%    | 26<br>33%    |
| <b>Internship Participation Respondents</b>                                     | 99<br>74%    | 102<br>82%   | 88<br>72%    | 86<br>80%    | 67<br>73%    |
| Respondents completing an internship or co-op experience (not student teaching) | 19<br>19%    | 27<br>26%    | 17<br>19%    | 16<br>19%    | 10<br>15%    |
| Respondents receiving academic credit for their internship or co-op experience  | 5/18<br>28%  | 12/25<br>48% | 5/17<br>29%  | 8/15<br>53%  | 3/10<br>30%  |
| Respondents receiving payment for their internship or co-op experience          | 0/0<br>na    | 14/25<br>56% | 9/17<br>53%  | 9/15<br>60%  | 8/10<br>80%  |
| Respondents receiving an offer of employment from the internship or co-op site  | 9/18<br>50%  | 4/26<br>15%  | 5/17<br>29%  | 6/15<br>40%  | 5/9<br>40%   |
| Respondents accepting the employment offer                                      | 4/9<br>44%   | 2/4<br>50%   | 4/5<br>80%   | 4/6<br>67%   | 2/5<br>40%   |
| <b>Study Abroad Participation Respondents</b>                                   | 97<br>73%    | 98<br>79%    | 87<br>71%    | 84<br>78%    | 69<br>75%    |
| Respondents participating in a study abroad program                             | 21<br>22%    | 14<br>14%    | 13<br>15%    | 17<br>20%    | 15<br>22%    |

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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> |
|-----------------------------|---------------------------------|----------|-------------------|-------------------|-------------|------------------|---------|------------------------|-----------------------|-------------------------|------------|-----------------------|
| 92                          | 78                              | 48       | 9                 | 17                | 1           | 3                | 14      | 47                     | 41                    | 87%                     | 62%        | 96%                   |

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

| # Respondents | Low   | High  | Mean  | Median |
|---------------|-------|-------|-------|--------|
| 37            | 25000 | 85000 | 39435 | 33280  |

## Job Relevance to Major

|                        | Related | Somewhat Related | Not Related | No Response |
|------------------------|---------|------------------|-------------|-------------|
| Respondents            | 23      | 10               | 15          | 0           |
| % of Total Respondents | 48%     | 21%              | 31%         |             |

## 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 |
| 67                                   | 10    | 15%   | 10                              | 3     | 30%   | 10          | 8     | 80%   | 9                               | 5     | 56%   | 5                  | 2     | 40%   |

## Study Abroad

| Studied Abroad |        |         | Did not study abroad |         | No response |         |
|----------------|--------|---------|----------------------|---------|-------------|---------|
| # Respondents  | Number | Percent | Number               | Percent | Number      | Percent |
| 69             | 15     | 22%     | 54                   | 78%     | 9           | 12%     |

<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 Biology – Bachelor of Art**

Abbott, Plymouth, MN - Post Market Analyst II

Demo Unlimited, St. Paul, MN - Construction Laborer

Emergency Care Consultant, Minneapolis, MN - Medical Scribe

Gibbon Winthrop Fairfax Schools, Gibbon, MN - Substitute Biology Teacher

Le Sueur County Soil & Water Conservation District, Le Center, MN - Farm Bill Technician  
Police Officer

Private Family, Two Harbors, MN - Nanny

State of Minnesota, Department of Natural Resources, Brooklyn Park, MN - Officer Trainee

Wells Concrete, Maple Grove, MN - Safety Manager

Graduate School, Education, University of Minnesota Duluth, Duluth, MN

Graduate School, Environmental Health & Safety, University of Minnesota Duluth, Duluth, MN

Graduate School, Nursing, University of Minnesota Twin Cities, Minneapolis, MN

Undergrad/Technical, Nursing, College of St. Scholastica, Duluth, MN

Undergrad/Technical, Nursing, College of St. Scholastica, St Cloud, MN

## **Follow-up of Biology - Bachelor of Science**

3M, Maplewood, MN - Regulatory Analyst  
Alaskan Observers, Seattle, WA - Fisheries Observer  
Amerhart, West Salem, WI - Forklift Driver  
Aurora St. Luke's Medical Center, Milwaukee, WI - Medical Scribe  
Axalta, Fridley, MN - Batch Maker  
Beckman Coulter, Chaska, MN - Senior Reagent Operation Technician  
Benedictine Health System, Duluth, MN - Certified Nursing Assistant  
Be the Match: National Marrow Donor Program, New Brighton, MN -  
Biorepository Technician  
Bigelow Laboratory for Ocean Sciences, East Boothbay, ME - Research  
Technician  
Boomerang Laboratories, Spring Park, MN - Laboratory Technician  
Edgewater Hotel & Waterpark, Duluth, MN - Manager on Duty  
Falks, Duluth, MN - Pharmacy Tech  
FedEx, Bloomington, MN - Swing Carrier  
Genoa Healthcare, Roseville, MN - Pharmacy Technician  
HealthSource Chiropractic, Duluth, MN - Receptionist  
Honeywell, Minneapolis, MN - Group Leader  
Mayo Clinic, Rochester, MN - Patient Care Assistant  
Medtox, New Brighton, MN - Clinical Toxicology Laboratory Technologist  
Medtronic, Bloomington, MN - Sterilization Specialist  
Medtronic, Minneapolis, MN - Associate Multidrug Resistance Vigilance  
Specialist  
National Ecological Observatory Network, Manhattan, KS - Biology Field  
Technician  
Park Nicollet, St. Louis Park, MN - Nursing Assistant  
REM Woodvale, Kasson, MN  
Rich Products, Eagan, MN - Quality Assurance Coordinator  
ScribeAmerica, MN - Medical Scribe  
SEH, St. Paul, MN - Wetland Biologist  
St. Michael's Health & Rehabilitation Center, Virginia, MN - Certified  
Nursing Assistant  
St. Paul, MN - Quality Manager  
Tareen Dermatology, Faribault, MN - Medical Assistant  
Tareen Dermatology, Roseville, MN - Clinical Assistant  
TBI Residential & Community Services, Duluth, MN - Direct Support  
Specialist  
The Hormel Institute University of Minnesota Mayo Clinic, Austin, MN -  
Laboratory Manager & Researcher 2  
Third Degree Heat, Bloomington, MN - Owner  
Trinity Health Services, Farmington, MN - Nursing Assistant

United States Air National Guard 148 Fighter Wing, Duluth, MN -  
Munitions Systems Specialist  
United States Forest Service, Carson, WA - Special Forest Products-Forest  
Protection Officer  
University of Minnesota Crookston, Extension Program, Mahanomen, MN -  
Interim Program Coordinator  
University of Minnesota Duluth, Natural Resources Research Institute,  
Duluth, MN - Research Technician  
WYS, Rogers, MN - Operator  
  
Chiropractic School, Northwestern Health Sciences University,  
Bloomington, MN  
Dental School, Marquette University, School of Dentistry, Milwaukee, WI  
Graduate School, Integrated Biosciences, University of Minnesota Duluth,  
Duluth, MN  
Graduate School, Marine & Coastal Environment Studies, National  
University of Ireland Galway, Galway, Ireland  
Graduate School, Nursing, Marquette University, College of Nursing,  
Milwaukee, WI  
Graduate School, Nursing, University of Minnesota Twin Cities,  
Minneapolis, MN  
Law School, Louisiana State University, Paul M. Hebert Law Center, Baton  
Rouge, LA  
Medical School, University of Minnesota Medical School, Duluth, Duluth,  
MN  
Occupational Therapy School, St. Catherine University, St. Paul, MN  
Optometry School, University of California Berkeley, Berkeley, CA  
Pharmacy School, University of Minnesota College of Pharmacy Duluth,  
Duluth, MN (2)  
Physician Assistant School, College of St. Scholastica, Duluth, MN  
Physician Assistant School, St. Catherine University, St. Paul, MN  
  
Undergrad/Technical, Dental Assisting, Herzing University, St. Louis Park,  
MN  
Undergrad/Technical, Nursing, Augustana University, Sioux Falls, SD  
Undergrad/Technical, Nursing, College of St. Scholastica, Duluth, MN  
Undergrad/Technical, Nursing, Lake Superior College, Duluth, MN  
Undergrad/Technical, Professional School prerequisites, University of  
Minnesota Duluth, Duluth, MN  
Undergrad/Technical, Respiratory Therapy, Lake Superior College, Duluth,  
MN

Undergrad/Technical, Surgical Technologist, Saint Paul College, St. Paul,  
MN