

Trinity Science Features:

Reformed Christian perspective

Small class sizes, individual attention

Inquiry-based, experimental labs

New Science Building (2002)

Active student research programs

Proximity to Chicago resources

Internship as part of the major

Successful applications to graduate and medical/professional schools

Biology Department

<http://www.trnty.edu/depts/biology>

bboomsma@trnty.edu

One of the highlights of the Trinity experience is forming close relationships with your professors in addition to your peers, and this is true of the biology department as well. The biology department offers a strong major that will prepare you for Christian discipleship in whatever area of biology you decide to pursue. Our graduates have been successful as physicians, physical therapists, research scientists, field biologists, optometrists, and in many other fields. We provide three tracks in our major in order to tailor your program for your future needs: a general track for pre-med students and those interested in graduate school, an ecological track for

those with a specific interest in ecology, and an allied health science track for pre-physical therapy students and others.

We help all of our students gain some kind of field experience to assist them in applying their learning to a practical area of study. Students intern at local universities, Argonne National Laboratory, hospitals, government agencies, nonprofit organizations, etc. Student research can be arranged with one of the faculty members here or at a local research center. Thus, you have the opportunity to pursue your interests as you prepare for your future.

On-campus research projects

- Using adult stem cells to repair damaged heart tissue
- Medaka (fish) development
- Antibiotic resistance genes in fungal infections
- Seasonality of bat activity using acoustic monitoring
- Acoustic surveys for bat roost sites
- Restoration of a small temporary wetland
- Population biology of Chicago garter snakes
- Demographics of campus trees
- Green chemistry



Science Scholarships

Deadline

Departments will begin to evaluate applications on **January 15**.

Scholarships will be awarded on a rolling basis.

Submit scholarship materials to the Financial Aid Office.

Chemistry Department

<http://www.trnty.edu/depts/chemistry>

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At Trinity classes are small and labs are taught by the professor. The chemistry professors all have a Ph.D. and considerable industrial experience which can be said of only 9% of the nation's faculty. Trinity chemistry graduates have performed well and over 30% have received a Ph.D. or M.D. with several more alumni studying in grad school where generous assistantships over \$20,000 along with tuition remission is typical. While studying at Trinity, chemistry students may find lab

experience at Global Green Products, a company doing research in our science building, or they may do research with a professor or a retired Argonne National Lab employee in our lab or they may do it at Argonne. Our offerings are supplemented by opportunities at AuSable Institute for Environmental Studies in Michigan and through a consortium of colleges called ACCA in the Chicagoland area.

Scholarship Specifics

- \$1000-5000 per year
- Awarded on top of other institutional financial aid (academic, activity, need-based, etc.)
- Renewable for a total of four years with good academic performance

Minimum Scholarship Requirements

- ACT score of 24, high school GPA of 3.0/4.0
- Completed scholarship application
- Letter of recommendation
- 2 page essay on why you want to major in biology or chemistry
- All forms online at <http://www.trnty.edu/financialaid/forms.html>