



Health and Sciences Division

Health Sciences

For many students, the goal of earning an undergraduate science-related degree is to prepare for further study at the graduate level. At Mount Mary College, students interested in advanced study in health science fields earn a Bachelor of Science degree with a major in either biology or chemistry. Courses within these two majors have been designed to fulfill the prerequisites for professional schools, along with providing the learner with a strong liberal arts education.

Mount Mary's Health and Sciences Division is committed to student-centered learning through its three core student experiences – collaborating, exploring, and putting principles into practice. Mount Mary's biology and chemistry majors emphasize scientific inquiry as a path to scientific literacy.

The discovery-oriented curriculum engages students in active problem solving through various instructional strategies including problem-based learning, process-oriented guided inquiry and inquiry-based laboratories. Such student-centered learning experiences prepare science majors to conduct their own undergraduate research projects.

Both Mount Mary's biology and chemistry degrees are appropriate for students interested in:

- Pre-Chiropractic Medicine
- Pre-Dentistry
- Pre-Medicine
- Pre-Osteopathic Medicine
- Pre-Veterinary Medicine

Benefits of a Mount Mary College Health Science degree

Mount Mary's biology and chemistry majors provide a strong undergraduate foundation for advanced study. In health sciences coursework students:

- complete undergraduate research projects
- work side-by-side with faculty members
- learn laboratory techniques
- experience small class sizes, similar to the feel of professional schools
- develop creative and critical thinking skills
- develop strong leadership skills



2900 North Menomonee
River Parkway
Milwaukee, Wisconsin
53222-4597
www.mtmary.edu

Sample Health Science courses

- Genetics
- Human Physiology
- Microbiology
- Genetics
- Essentials of Organic and Biological Chemistry
- Inorganic Chemistry
- Physical Chemistry

Faculty

Mount Mary's student-centered science faculty brings real-world experience to the classroom and is energized by the success of their students. With personal attention from such a caring faculty, Mount Mary students are academically prepared for successful careers and personally inspired with "can do" attitudes.

- Patricia B. Ahrens, Ph.D., University of Virginia
- Colleen Conway, Ph.D., University of Wisconsin - Madison
- Lynn M. Diener, Ph.D., University of Wisconsin - Madison
- Steven Levsen, Ph.D., Marquette University
- Maureen Leonard, Ph.D., University of New Mexico
- S. Patricia Ann Obremski, SSDN, M.S., Marquette University

Did you know?

Mount Mary College also offers minors in:

- Biology
- Chemistry
- Environmental Studies
- Health Sciences

www.mtmary.edu 800-321-6265

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State-of-the-art facilities

In 2004, Mount Mary College opened the state-of-the-art Gerhardinger Center to house all science-related fields. The new facilities create a perfect environment for active learning in the natural sciences. Each classroom is designed so professors can combine lecture and laboratory components, creating a smooth transition from learning about a topic to hands-on experimentation.

Internships and volunteer experiences

Internships and volunteer experiences are encouraged for students in the biology and chemistry programs. Some examples of previous student placements include:

- Medical College of Wisconsin - Summer Program for Undergraduate Research
- UW-Whitewater - Undergraduate Mallard Research Project
- Arequipa, Peru - Clinic Volunteer
- Froedtert Hospital - Spinal Cord Injury Support Group Volunteer

Entrance exams for post-graduate education

Students planning to pursue advanced studies are required to take specific entrance exams in their chosen field before being admitted to graduate programs. Through rigorous coursework, hands-on learning opportunities and test preparation, Mount Mary students are well prepared for the following pre-professional exams:

- Medical school (for both MD and DO programs): Medical College Admission Test (MCAT)
- Dental school: Dental Admission Test (DAT)
- Veterinary school: Graduate Record Exam (GRE) or another exam designated by the school of choice

Advanced Study

Mount Mary Health Science graduates have gone to excel at professional and graduate schools within Wisconsin and throughout the country. Examples of post-baccalaureate schools our graduates have attended include:

- Medical College of Wisconsin
- Southern Illinois University
- University of Louisville
- University of South Carolina
- University of Wisconsin-Madison



More on the Web

Visit www.mtmary.edu/div_healthandsciences.htm for additional information about Mount Mary's Health Sciences offerings, including links to other health-related programs of study, including:

- Biology
- Chemistry
- Diagnostic Medical Sonography
- Dietetics
- Environmental Studies
- Health Sciences
- Nursing
- Occupational Therapy
- Radiologic Technology
- Science Education

About Mount Mary College

Discover what the more than 1,800 current Mount Mary graduate and undergraduate students already know. Mount Mary offers an engaging and transformational education. Here students explore and expand their hopes and dreams. We invite you to be one of them.

Mount Mary's residential campus is home to a diverse student body. Be a part of our gorgeous suburban campus, just 20 minutes from downtown Milwaukee.

For over 90 years Mount Mary College has been educating women in the Catholic tradition – we are committed to your success. More than 90% of our students receive scholarships and other types of financial assistance. A Mount Mary education is affordable for you.

See how Mount Mary's strong academics, our small class sizes, our safe and vibrant campus and our student organizations and leadership opportunities will help you achieve your personal and career goals. Contact the Admission Office at 800-321-6265 or admiss@mtmary.edu.

