

## TODD WEHR MEMORIAL LIBRARY

### Viterbo University

#### Collection Statement

#### Chemistry and Physics

#### GENERAL PURPOSE

The Todd Wehr Memorial Library aims to support the chemistry and physics curriculum, which seeks to fulfill a wide range of professional and pre-professional program needs from those of the non-scientist to those that prepare industrial chemists or graduate students medical and health science professionals, and prospective teachers. The physics minor supports other science programs. The medical physics emphasis is designed to prepare interested physical science students for graduate work and a career in medical physics. Where possible, the Library supports faculty research and course development through acquisitions, interlibrary loan services, and electronic accessibility. The Library encourages use of the collection and electronic services through course-related instruction, orientations, reference services, workshops, and one-on-one interviews.

#### *Degree Programs*

<b>Majors</b>	<b>Minors</b>
Chemistry—BS and BA	Chemistry minor
ACS accredited Chemistry	General physics minor
Chemistry Major, emphasis in environmental chemistry and biology	
Biochemistry	
Chemistry/Education	
Mathematical Physics (New)	

#### SUBJECT AND LANGUAGE MODIFIERS

*Languages* - English is the major language of the collection.

*Geographical Areas* – global

*Chronological Periods* - The collection emphasizes current research and topics.

#### SUBJECTS AND COLLECTION LEVELS ( see explanation on next page)

<b>Subjects</b>	
General chemistry	Environmental chemistry
Organic chemistry	Atomic and Molecular Spectroscopy
biochemistry	Laboratory techniques
Analytical chem	Waves and optics
Inorganic chemistry	biomechanics
Physical chemistry	Medical physics
research	electricity
instrumentation	thermodynamics

The library collection in the sciences is mainly at the basic information level for books and at the high instructional support level for access to scholarly journals because the program **emphasizes the use of scholarly journals.**

## DESCRIPTIONS OF MATERIALS COLLECTED

*Types of Materials Collected* – Primary sources in journals (in online collections whenever possible) and databases are emphasized. Videos and books are collected to a lesser extent. Reference books are hardly used because of the emphasis on primary sources. Videos owned by any university department may be converted to digital format for BlackBoard.

***Electronic Databases and Resources*** –Databases for sciences: general database such as Academic search Complete or JSTOR (archived journals), science education in educational database ERIC, and the following databases for science research:

<i>Annual Reviews</i> (physical sciences): Physical chemistry; Environment & Resources	MEDLINE (EBSCOhost)/PubMed
SciFinder Scholar	Science Direct
RefWorks	

*Types of Materials Excluded* – Current Textbooks

*Interdisciplinary Factors* Natural Sciences; Biochemistry; nursing program; Environmental Studies; Natural Sciences: A joint course introducing the students to research methodology and pedagogy; a joint capstone senior seminar course exploring advanced topics in biology and chemistry and current topics at the interface of biology and chemistry;. There is also an interdisciplinary biotechnology certificate program and mathematical physics

## COLLECTION REVIEW AND RETENTION

Most material will be retained no longer than 10 years, regardless of use or condition. Materials of historical significance, however, may be retained indefinitely. The collection will be reviewed periodically by library staff and faculty to ensure appropriate materials are weeded or maintained.