College of Science and Health (SAH)

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The College of Science and Health houses high quality major and minor programs in the natural and physical sciences, mathematics and computer science, exercise science, recreation, and in selected allied health professions. The college’s combination of programs provides both applications for the sciences and a strong science base for the allied health offerings. These programs also collectively provide many scientific literacy offerings within the university’s general education program. All major programs offer undergraduate research experiences and/or professional internship experiences through collaborative agreements with external agencies.

Sequences and requirements are listed on the various department pages, with major or minor requirements listed on those specific tabs in the department’s section. In addition to the major and general education requirements, all students in the College of Science and Health must complete a core curriculum, which emphasizes diverse in-depth study outside of the major.

Degrees offered
- Bachelor of Arts
- Bachelor of Science
- Master of Public Health (see graduate catalog)
- Master of Science (see graduate catalog)
- Master of Software Engineering (see graduate catalog)
- Doctor of Physical Therapy (see graduate catalog)

Majors and minors
B.A. = Bachelor of Arts B.S. = Bachelor of Science m = minor
- Adapted Physical Education (http://catalog.uwlax.edu/undergraduate/exerciseandsportscience) (m)
- Athletic Training (http://catalog.uwlax.edu/undergraduate/exerciseandsportscience) (B.S.)
- Biochemistry (http://catalog.uwlax.edu/undergraduate/chemistry) (B.S.)
- Biology (http://catalog.uwlax.edu/undergraduate/biology) (B.A., B.S., m)
  - Aquatic Science Concentration (B.A., B.S.)
  - Biomedical Science Concentration (B.A., B.S.)
  - Cellular and Molecular Concentration (B.A., B.S.)
  - Environmental Science Concentration (B.A., B.S.)
- Biology Education (http://catalog.uwlax.edu/undergraduate/biology) (B.S., m)
- Chemistry with American Chemical Society (ACS) Certification (http://catalog.uwlax.edu/undergraduate/chemistry) (B.S.)
  - Business Concentration (B.S.)
  - Chemistry (m)
  - Environmental Science Concentration (B.S.)
- Chemistry Education (http://catalog.uwlax.edu/undergraduate/chemistry) (B.S., m)
- Clinical Laboratory Science (http://catalog.uwlax.edu/undergraduate/clinicallaboratoryscience) (B.S.)
- Community Health Education (http://catalog.uwlax.edu/undergraduate/healtheducation) (B.S.)
- Computational Science (http://catalog.uwlax.edu/undergraduate/computationalscience) (m)
- Computer Science (http://catalog.uwlax.edu/undergraduate/computerscience) (B.S., m)
- Computer Science Education (http://catalog.uwlax.edu/undergraduate/computerscience) (B.S., m)
- Computer Science Education (http://catalog.uwlax.edu/undergraduate/exerciseandsportscience) (B.S., m)
  - Exercise Science Emphasis
    - Fitness Track (B.S.)
    - Pre-Professional Track (B.S.)
  - Physical Education Emphasis (B.S.)
  - Sport Management Emphasis (B.S.)
- General Science Education (http://catalog.uwlax.edu/undergraduate/biology/general-science-education) (Broad Field; second major only; open to Early Adolescence-Adolescence teacher certification program only)
- Geography (http://catalog.uwlax.edu/undergraduate/geography) (B.A., B.S., m)
  - Environmental Science Concentration (B.A., B.S.)
  - Geographic Information Science Concentration (B.A., B.S., m)

Department/units
- Biology
- Chemistry and Biochemistry
- Computer Science
- Exercise and Sport Science
- Geography/Earth Science
- Health Education and Health Promotion
- Health Professions
  - Nuclear Medicine Technology
  - Occupational Therapy (graduate only)
  - Physical Therapy (graduate only)
  - Physician Assistant Studies (graduate only)
  - Radiation Therapy
- Mathematics
- Microbiology
  - Clinical Laboratory Science
- Physics
- Recreation Management and Therapeutic Recreation

Pre-professional tracks (p. 3)
• Geochaeology (http://catalog.uwlax.edu/undergraduate/geography) (m)
• Geography Education (http://catalog.uwlax.edu/undergraduate/geography) (B.S., m)
• Health and Wellness Management (http://catalog.uwlax.edu/undergraduate/healtheducation) (B.S.)
• Inclusive Recreation (http://catalog.uwlax.edu/undergraduate/recreationmanagement) (m)
• Mathematics (http://catalog.uwlax.edu/undergraduate/mathematics) (B.A., B.S., m)
  • Applied Emphasis (B.A., B.S.)
  • Education Emphasis (B.A., B.S., m)
• Mathematics Education (http://catalog.uwlax.edu/undergraduate/mathematics) (B.S., m)
• Microbiology (http://catalog.uwlax.edu/undergraduate/microbiology) (B.S., m)
  • Biomedical Concentration (B.S.)
  • Business Concentration (B.S.)
  • Environmental Concentration (B.S.)
• Nuclear Medicine Technology (http://catalog.u wlax.edu/undergraduate/nuclearmedicinetechnology) (B.S.)
• Nutrition (http://catalog.uwlax.edu/undergraduate/nutrition) (m)
• Physics (http://catalog.uwlax.edu/undergraduate/physics) (B.A., B.S., m)
  • Astronomy Emphasis (B.A., B.S., m)
  • Biomedical Concentration (B.S.)
  • Business Concentration (B.S.)
  • Computational Physics Emphasis (B.S.)
  • Optics Emphasis (B.S.)
• Physics Education (http://catalog.uwlax.edu/undergraduate/physics) (B.S., m)
• Radiation Therapy (http://catalog.uwlax.edu/undergraduate/radiationtherapy) (B.S.)
• Recreation Management (http://catalog.uwlax.edu/undergraduate/recreationmanagement) (B.S., m)
• School Health Education (http://catalog.uwlax.edu/undergraduate/healtheducation) (B.S., m)
• Statistics (http://catalog.u wlax.edu/undergraduate/mathematics) (B.S., m)
  • Actuarial Science Concentration (B.S.)
• Therapeutic Recreation (http://catalog.uwlax.edu/undergraduate/recreationmanagement) (B.S.)

Dual degree programs

• Biology/Physical Therapy (http://catalog.uwlax.edu/undergraduate/biology)
• Chemistry/Engineering (http://catalog.uwlax.edu/undergraduate/chemistry)
• Computer Science/Engineering (http://catalog.uwlax.edu/undergraduate/computerscience)
• Computer Science/Software Engineering (http://catalog.uwlax.edu/undergraduate/computerscience)
• Mathematics/Engineering (http://catalog.uwlax.edu/undergraduate/mathematics)
• Physics/Engineering (http://catalog.uwlax.edu/undergraduate/physics)
• Physics/Physical Therapy (http://catalog.uwlax.edu/undergraduate/physics)
• Psychology/Occupational Therapy (http://catalog.uwlax.edu/undergraduate/psychology) (program suspension pending)

Concentrations

• Coaching Competitive Athletics (http://catalog.uwlax.edu/undergraduate/exerciseandsportscience)

College of Science and Health (SAH) Bachelor of Arts core requirements

B.S. and B.A. students graduating from the College of Science and Health are required to take two natural laboratory science courses selected from the general education laboratory science category (GE 05) and from BIO 203, BIO 304, BIO 210, CHM 104, ESC 221, ESC 222, PHY 104, or PHY 204, and they either must take two mathematics courses or one math course and one computer science course from the math/logical systems category of the general education requirements (GE 02). One of the two science courses must be from a department outside of the student’s major department.

Note: Math courses can be pairs, i.e. 150 and 151; MTH/CS majors can use two science courses from same department.

For the Bachelor of Arts degree, students must complete a major from the college and proficiency in a foreign language at the 202 level or an ESL proficiency score of 80 or above on the La Crosse Battery of exams for non-native speakers of English. Contact the English as a Second Language Institute (http://www.uwlax.edu/esl) for eligibility and regulations. Students must also complete:

• a minor in the College of Liberal Studies or
• 15 credits at the 300/400 level in the College of Liberal Studies.
  Internship credits generally do not count toward this college core option.

College of Science and Health (SAH) Bachelor of Science core requirements

B.S. and B.A. students graduating from the College of Science and Health are required to take two natural laboratory science courses selected from the general education laboratory science category (GE 05) and from BIO 203, BIO 304, BIO 210, CHM 104, ESC 221, ESC 222, PHY 104, or PHY 204, and they either must take two mathematics courses or one math course and one computer science course from the math/logical systems category of the general education requirements (GE 02). One of the two science courses must be from a department outside of the student’s major department.

Note: Math courses can be pairs, i.e. 150 and 151; MTH/CS majors can use two science courses from same department.

For the Bachelor of Science degree, students must complete a major from the college plus:

• a minor (or a second major) from any college or
• 18 credits at the 300/400 level in courses outside the major department from any college. Internship credits generally do not count toward this college core option.

SAH college core exemptions

Students participating in the following programs are exempt from the college core requirements:

Athletic Training
Biology Education
Chemistry with a Business Concentration
Chemistry with an Environmental Science Concentration
Chemistry Education
Clinical Laboratory Science
Community Health Education
Computer Science Major: Computer Engineering Technology Emphasis
Computer Science Education
Exercise and Sport Science – Exercise Science Fitness Track
Exercise and Sport Science – Physical Education Teaching
Exercise and Sport Science – Sport Management
Health and Wellness Management
Mathematics Education
Nuclear Medicine Technology
Physics Education
Radiation Therapy
Recreation Management
School Health Education
Therapeutic Recreation

Pre-professional curricula
www.uwlax.edu/sah/pre-professional-programs/

Students are provided the opportunity to complete requirements in a variety of pre-professional fields on the campus prior to applying to other colleges and universities for admission to their professional programs. Pre-professional program requirements vary widely; some require a degree while others do not. Students are expected to be aware of the requirements of the school to which they plan to apply; therefore, they need to select their course work carefully. Pre-professional advisors on the campus can be of assistance to students in designing a curriculum in such programs. Contact one of the pre-professional advisors (http://www.uwlax.edu/SAH/Pre-professional-programs) or inquire at the College of Science and Health Academic Services Office, 205 Graff Main Hall for more information. A pre-professional program is NOT a declared major and are referred to as "tracks" in the WINGS student information center.

Pre-chiropractic track

Pre-chiropractic students enroll at UW-L for at least three years (90 credits) before being admitted to professional chiropractic schools; however, most chiropractic colleges strongly recommend a bachelor’s degree. Students should sample liberally from the general education curriculum (English, communication, psychology, other humanities and social sciences). Minimal science requirements are 24 credits (biology, chemistry, physics). Some chiropractic universities require more than 24 credits of science coursework. Contact the pre-chiropractic advisor (http://www.uwlax.edu/SAH/Pre-Chiropractic) or explore the website for more information.

Pre-dentistry track

The usual pre-professional education requirements for admission to dental school stipulate two academic years of liberal arts study; however, many of the dental schools in the United States require three years of college education, and most prefer baccalaureate degree candidates. Dental school requirements in pre-professional curricula vary but a first year basically includes:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 105</td>
<td>General Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 303</td>
<td>Vertebrate Form and Function</td>
<td>4-8</td>
</tr>
<tr>
<td>BIO 312</td>
<td>Human Anatomy and Physiology I</td>
<td></td>
</tr>
<tr>
<td>&amp; BIO 313</td>
<td>and Human Anatomy and Physiology II</td>
<td></td>
</tr>
</tbody>
</table>

Pre-engineering track

Most of the basic mathematics, chemistry and physics courses that the prospective engineer needs in the first two years of an engineering curriculum can be taken at UW-L, and a wide choice of electives is also available. In the first two years, every pre-engineer should complete three semesters of calculus, two semesters of chemistry, and two semesters of physics. Since requirements vary with the engineering school and the particular major, students should see the pre-engineering advisor (http://www.uwlax.edu/SAH/Engineering) in the chemistry, computer science, mathematics, or physics department as early as possible. The advisor can furnish information about specific majors within engineering schools. Engineering curricula require four or more years of study; therefore, students spending the first two years at UW-L will need to spend two or more years at an engineering school to complete degree requirements.

Pre-forestry (natural resources, conservation, wildlife management) track

A curriculum is available to meet the needs of the majority of students who will later major in such diverse fields as wildlife management, forestry, and conservation education. However, students entering one of these fields are reminded that most forestry schools set their own requirements for admission, and thus, it is imperative that exact requirements be obtained from current catalogs of the schools to which students plan to transfer to complete their professional training. Generally, the requirement for admission with junior standing to professional school is 60 semester hours.

In some cases, students will find it advantageous to earn a bachelor’s degree before entering the professional program. Students may do so by continuing for two more academic years at UW-L and fulfilling requirements prescribed for that degree. Students electing to follow this plan should allow extra years to complete graduate work in the professional school. Students are urged to contact the university’s pre-forestry advisor (http://www.uwlax.edu/SAH/Pre-Forestry) early in their first semester.

Pre-medicine track

Minimal academic requirements to qualify for admission to medical school include a number of courses as part of, or in addition to, a regular academic major leading to a baccalaureate degree. Pre-medicine requirements include at least eight semester hours in biology (general and advanced biology courses); 16 semester hours of chemistry including one year of general and eight semester hours of organic; two semesters of mathematics through pre-calculus and statistics; eight semester hours
of physics; and six semester hours of English. Academic preparation in all of these areas is available at UW-L.

Although the majority of pre-medical students major in chemistry, biology, or microbiology, the student may major in any field of interest as long as the minimal requirements are satisfied.

Admission to medical school is highly competitive, and admission decisions are based on factors such as overall grade point average, grade point average in the required science courses, performance on the national Medical College Admission Test (MCAT), usually taken in the spring of the junior year, non-academic credentials (activities and work experiences), letters of evaluation from faculty, and a personal interview. Contact the pre-med advisor (http://www.uwlax.edu/SAH/Pre-Med) or explore the website for more information.

Pre-occupational therapy track

Occupational therapists are health professionals who work with individuals to maximize performance in their everyday life tasks when impacted by injury, disease, or other health risk. Occupational therapists, along with physicians, physician assistants, physical therapists, speech pathologists, and recreational therapists, are part of a healthcare team that may also include psychologists, social workers, nurses, and other health professionals. “Occupation” refers to those everyday meaningful tasks that individuals do each day. The goal of occupational therapy is to help individuals successfully engage in purposeful tasks that comprise daily life.

Undergraduate students interested in occupational therapy must declare an undergraduate major. In addition to declaring an undergraduate major, students then select pre-professional occupational therapy as a secondary area of interest.

General admission requirements (http://www.uwlax.edu/Occupational-Therapy-MS/Admission-requirements) for the UW-La Crosse occupational therapy graduate program (http://www.uwlax.edu/occupational-therapy-ms) include:

- An undergraduate degree or completion of an undergraduate degree prior to starting the program
- Completion of all prerequisite course work including

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 312</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIO 313</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>PHY 125</td>
<td>Physics for the Life Sciences</td>
<td>4</td>
</tr>
<tr>
<td>PSY 212</td>
<td>Lifespan Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY 204</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>MTH 145</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>CHM 300</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHM 303</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHM 304</td>
<td>Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHM 305</td>
<td>Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 105</td>
<td>General Biology</td>
<td>8</td>
</tr>
<tr>
<td>BIO 203</td>
<td>and Organismal Biology</td>
<td>8</td>
</tr>
<tr>
<td>CHM 103</td>
<td>General Chemistry I</td>
<td>10</td>
</tr>
<tr>
<td>&amp; CHM 104</td>
<td>and General Chemistry II</td>
<td>10</td>
</tr>
<tr>
<td>CHM 300</td>
<td>Survey of Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>or CHM 303</td>
<td>Organic Chemistry Theory I</td>
<td>5</td>
</tr>
<tr>
<td>&amp; CHM 304</td>
<td>and Organic Chemistry Theory II</td>
<td>5</td>
</tr>
<tr>
<td>&amp; CHM 305</td>
<td>and Organic Chemistry Laboratory</td>
<td>5</td>
</tr>
</tbody>
</table>

Select one of the following:

- PHY 103 | Fundamental Physics I | 8 |
- & PHY 104 | and Fundamental Physics II | 8 |
- PHY 203 | General Physics I | 5 |
- & PHY 204 | and General Physics II | 5 |
- MTH 207 | Calculus I | 5 |

Additional courses in English, Psychology and Sociology, along with additional electives in biology are usually also required. Consult the pre-optometry advisor (http://www.uwlax.edu/SAH/Pre-Optometry) for complete undergraduate curriculum requirements. The Optometry Admission Test (OAT) must be taken before or during the semester in which students apply for admission to a school of optometry.

Pre-osteopathic medicine track

The statement in the section on pre-medicine (http://www.uwlax.edu/SAH/Medicine) applies equally to pre-osteopathic (http://www.uwlax.edu/SAH/Osteopathy) medicine. Medical school and osteopathic curricula are nearly identical, and the practice of medicine by graduates of either type of school is essentially identical. Osteopathy is best considered an alternative within medicine rather than an alternative to medicine.

Pre-pharmacy track

Most pharmacy programs offer the Doctor of Pharmacy degree. These programs involve a pre-pharmacy curriculum (http://www.uwlax.edu/SAH/Pharmacy) of about 70 credits that can be taken at UW-L. The professional program that is taken at a College of Pharmacy is an additional four years. The pre-pharmacy curriculum is set by the individual colleges of pharmacy but generally consists of:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Semester Hours</th>
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</thead>
<tbody>
<tr>
<td>BIO 105</td>
<td>General Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 312</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIO 313</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 306</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>or BIO 315</td>
<td>Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>CHM 103</td>
<td>General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>CHM 104</td>
<td>General Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td>CHM 303</td>
<td>Organic Chemistry Theory I</td>
<td>3</td>
</tr>
<tr>
<td>CHM 304</td>
<td>Organic Chemistry Theory II</td>
<td>3</td>
</tr>
<tr>
<td>CHM 305</td>
<td>Organic Chemistry Laboratory</td>
<td>2</td>
</tr>
</tbody>
</table>
Pre-physical therapy track

Undergraduate students interested in physical therapy must declare an undergraduate major. Typical majors include biology, exercise & sport science, psychology, and physics but other majors are equally appropriate and feasible with appropriate planning. In addition to declaring an undergraduate major, students may select pre-professional physical therapy as a secondary area of interest. Dual degree agreements are available for biology majors and physics majors in which students receive both a bachelor of science and a graduate physical therapy degree from UW-La Crosse. The total length of time for both degrees is approximately five and three-quarter years. It is important that students selecting this option work with their major advisor early and declare their intent officially.

General admission requirements (http://www.uwlax.edu/Physical-Therapy-DPT/Admission-requirements), including specific application instructions and deadlines, for the UW-La Crosse physical therapy graduate program (http://www.uwlax.edu/physical-therapy-dpt) include:

• An undergraduate degree or completion of an undergraduate degree prior to starting the program (except for declared dual degree students)
• Completion of all prerequisite course work including
  BIO 105 General Biology
  BIO 312 Human Anatomy and Physiology I
  BIO 313 Human Anatomy and Physiology II
  CHM 103 General Chemistry I
  CHM 104 General Chemistry II
  PHY 103 Fundamental Physics I
  or PHY 203 General Physics I
  PHY 104 Fundamental Physics II
  or PHY 204 General Physics II
  Any psychology course
  Any sociology course or a second psychology course
  MTH 145 Elementary Statistics
• Attainment of at least a 3.00 cumulative GPA
• Completion of required volunteer experiences with letters of recommendation
• Completion and submission of Graduate Records Examination (GRE) scores

The program typically conducts early and general admissions screening of completed applications. The UW-L PT Program participates in the Physical Therapy Centralized Application Service (PTCAS).

Pre-physician assistant studies track

Physician assistants (PAs) practice medicine with physician supervision. To become a PA, students must be admitted to an accredited PA education program. Like many PA programs across the country, the UW-L – Gundersen – Mayo Physician Assistant Program (http://www.uwlax.edu/pastudies) is a graduate program. Thus, undergraduate students interested in the UW-L program must declare a primary undergraduate major in another field in order to complete a baccalaureate degree. Pre-physician assistant studies then may be selected as a track and an appropriate academic advisor will be assigned.

Prerequisite requirements are quite variable among the appropriate 140 PA programs across the country. For the UW-L graduate PA program, at a minimum the following prerequisite requirements apply:

**Biology:** At least 14 semester hours of biology including at least two lab courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO 312</td>
<td>4</td>
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<tr>
<td>BIO 313</td>
<td>4</td>
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<tr>
<td>MIC 230</td>
<td>4</td>
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Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO 306</td>
<td>2-4</td>
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<tr>
<td>BIO 406</td>
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<td>BIO 408</td>
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<td>BIO 413</td>
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<td>BIO 424</td>
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<td>BIO 432</td>
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<td>BIO 443</td>
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<td>BIO 465</td>
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<td>BIO 466</td>
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<td>MIC 310</td>
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<td>MIC 410</td>
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</table>

**Chemistry:** A minimum of 11 semester hours of chemistry including at least two of these courses which must include laboratory:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHM 103</td>
<td>5</td>
</tr>
<tr>
<td>CHM 104</td>
<td>5</td>
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Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHM 300</td>
<td>5-6</td>
</tr>
<tr>
<td>CHM 303</td>
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<td>CHM 304</td>
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Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHM 325</td>
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</tr>
<tr>
<td>CHM 417</td>
<td></td>
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<tr>
<td>&amp; CHM 418</td>
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</table>

**Mathematics:** A minimum of two semesters including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MTH 151</td>
<td>4</td>
</tr>
<tr>
<td>or MTH 207</td>
<td></td>
</tr>
<tr>
<td>MTH 145</td>
<td>4</td>
</tr>
<tr>
<td>or MTH 405</td>
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</tbody>
</table>

**Psychology:**

Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 100</td>
<td>3</td>
</tr>
<tr>
<td>PSY 204</td>
<td></td>
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<tr>
<td>PSY 210</td>
<td></td>
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</tbody>
</table>
Academic Aptitude: A minimum cumulative GPA on all post-high school courses of 3.00. A minimum science GPA of 3.00. Submission of Graduate Record Exam (GRE) scores is required.

Health Care Experience: Prior direct patient care health experience is expected. Such experience provides evidence of a career commitment to healthcare as a PA.

Application to the UW-L – Gundersen – Mayo PA program should be made during the summer prior to the expected year of graduation. Pre-PA students should consider making application to several PA programs and carefully review the specific requirements of the programs in which they are interested. Many programs, including the UW-L – Gundersen – Mayo PA program, utilize the Centralized Application Service for Physician Assistants (CASPA) and require a program specific supplemental application.

Pre-podiatry track
A podiatrist is a medical specialist who has unlimited licensure to practice on the ankle and foot. Requirements for admission to a school of podiatric medicine (http://www.uwlax.edu/SAH/Podiatry) are the same as those listed in the pre-medicine (http://www.uwlax.edu/SAH/Medicine) section.

Pre-veterinary track
The University of Wisconsin-La Crosse offers courses that satisfy the requirements for admission to any school of veterinary medicine. Requirements generally include courses in biology, microbiology, chemistry, physics, English composition, mathematics, social sciences, and humanities. Several majors at UW-L (particularly biology, microbiology and chemistry) provide an excellent basis for meeting course requirements while pursuing a bachelor’s degree. Applicants are also required to take the Graduate Record Exam (GRE) and have documented animal work experience. Check veterinary schools’ websites for the most current information. Contact the pre-veterinary medicine advisor (http://www.uwlax.edu/SAH/Veterinary-Medicine) for more information.