

## Associate in Science (510)

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Requirements for admission to professional schools vary considerably depending on the profession and the school, for this reason, students planning to enter a professional school should seek specific information from the school they wish to attend. Specific entrance requirements for individual schools are available from the associations listed below.

<b>Pre-Chiropractic</b> American Chiropractic Association 1701 Clarendon Blvd. Arlington, VA 22209 <a href="http://www.acatoday.org">www.acatoday.org</a>	<b>Pre-Medical</b> Association of Medical Colleges One Dupont Circle, N.W. Ste 200 Washington, DC 20036 < <a href="http://www.aamc.org">www.aamc.org</a> >	<b>Pre-Optometry</b> American Optometric Association Student Recruitment 243 N. Lindbergh Blvd. St. Louis, MO 63141 < <a href="http://www.aoa.org">www.aoa.org</a> >	<b>Pre-Veterinary</b> American Veterinary Medical Association 930 N. Meacham Rd. Schaumburg, IL 60172 < <a href="http://www.avma.org">www.avma.org</a> >
<b>Pre-Dental</b> American Dental Association Education Association NW Suite 6000 1625 Massachusetts Ave. Washington, DC 20036 <a href="http://www.ada.org">www.ada.org</a>	<b>Pre-Physician Assistant</b> American Academy of Physician Assistants 950 North Washington Street Alexandria, VA 22314-1552 < <a href="http://www.aapa.org">www.aapa.org</a> >	<b>Pre-Pharmacy</b> American Council on Pharmaceutical Education 311 W. Superior Street Chicago, IL 60610 < <a href="http://www.acpe-accredit.org">www.acpe-accredit.org</a> >	

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This program outlines the basic freshman-sophomore level courses required by medical schools, dental schools, veterinary schools, and pharmacy schools. "Pre-Med" is not a major. **Students planning to seek admission to medical schools, dental schools, or veterinary schools should work closely with counselors and advisors, because admission is highly competitive.**

### Work and Employment

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Doctors, dentists, veterinarians, and pharmacists work in private practice, hospitals, clinics and in university settings in a variety of specialty areas.

### Special Considerations

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Computer skills are valuable. Students should realize the importance of maintaining a high grade point average. Students should confer with counselors about the various specialized admissions tests required by medical schools, dental schools and veterinary schools.

### Program Contacts at Sauk Valley Community College

Counseling Office, 815/835-6354.

### Suggested Program

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First Semester - Sem/Hrs: 18

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- \* BIO 105 - Principles of Biology 5 Semester hour(s)
- CHE 105 - General Chemistry I 5 Semester hour(s)
- ENG 101 - Composition I 3 Semester hour(s)
- FYE 101 - First Year Experience 1 Semester hour(s)
- MAT 203 - Calculus and Analytic Geometry I 4 Semester hour(s)

Second Semester - Sem/Hrs: 17

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- Social/Behavioral Science 3 Semester hour(s)
- Fine Arts 3 Semester hour(s)
- Humanities 3 Semester hour(s)
  
- CHE 106 - General Chemistry II 5 Semester hour(s)

- ENG 103 - Composition II 3 Semester hour(s)

Third Semester - Sem/Hrs: 16

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- Social/Behavioral Science 3 Semester hour(s)
- \* BIO 131 - General Zoology 5 Semester hour(s)
- CHE 201 - Organic Chemistry I 5 Semester hour(s)
- or
- PHY 201 - General Physics I 5 Semester hour(s)
- SPE 131 - Introduction to Oral Communication 3 Semester hour(s)

Fourth Semester - Sem/Hrs: 14

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- Personal Development 3 Semester hour(s)
- Humanities/Fine Arts 3 Semester hour(s)
- Social/Behavioral Science 3 Semester hour(s)
- CHE 202 - Organic Chemistry II 5 Semester hour(s)
- or
- PHY 202 - General Physics II 5 Semester hour(s)

Total Credits: 65

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Footnote

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\*Some institutions (i.e., NIU) require BIO 123 Intro to Botany in addition to BIO 105 and 131. BIO 109 & 110 may also be required by some transfer institutions.

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