

Associate in Science (510)

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.

Pre-Chiropractic American Chiropractic Association 1701 Clarendon Blvd. Arlington, VA 22209 www.acatoday.org	Pre-Medical Association of Medical Colleges One Dupont Circle, N.W. Ste 200 Washington, DC 20036 www.aamc.org	Pre-Optometry American Optometric Association Student Recruitment 243 N. Lindbergh Blvd. St. Louis, MO 63141 http://www.aoa.org	Pre-Veterinary American Veterinary Medical Association 930 N. Meacham Rd. Schaumburg, IL 60172 www.avma.org
Pre-Dental American Dental Association Education Association NW Suite 6000 1625 Massachusetts Ave. Washington, DC 20036 www.ada.org	Pre-Physician Assistant American Academy of Physician Assistants 950 North Washington Street Alexandria, VA 22314-1552 www.aapa.org	Pre-Pharmacy Accreditation Council for Pharmacy Education 135 S. LaSalle Street Suite 4100 Chicago, IL 60603-4810 www.acpe-accredit.org	

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 academic advisors, because admission is highly competitive.**

Effective Fall of 2016, the associate in science (A.S.) degree is designed to complete the lower-division (freshman and sophomore) portion of a bachelor of science degree in STEM related majors. As a result, A.S. degree does not include the entire General Education Core Curriculum. **Therefore, students will need to complete MORE general education courses after transfer by completing the GECC curriculum while enrolled at the participating Illinois transfer institution OR fulfilling the general education requirements of their selected non-participating transfer institution.**

Work and Employment

Doctors, dentists, veterinarians, and pharmacists work in private practice, hospitals, clinics and in university settings in a variety of specialty areas. Click here for further career information: <https://www.svcc.edu/academics/programs/individual/510.html>

Special Considerations

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

Program Contacts at Sauk Valley Community College

Academic Advising, 815/835-6354

Total Hours Required - 65-66 Hours

Suggested Program

First Semester - 18 Hours

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BIO 105 - Principles of Biology (5 Semester Hours)

- CHE 105 - General Chemistry I (5 Semester Hours)
- ENG 101 - Composition I (3 Semester Hours)
- FYE 101 - First Year Experience (1 Semester Hours)
- MAT 203 - Calculus & Analytic Geometry I (4 Semester Hours)

Second Semester - 17-18 Hours

- Social/Behavioral Science 3 Semester hour(s)
- Fine Arts 3 Semester hour(s)
- Additional Mathematics 3-4 Semester hour(s)
- CHE 106 - General Chemistry II (5 Semester Hours)
- ENG 103 - Composition II (3 Semester Hours)

Third Semester - 16 Hours

- Social/Behavioral Science 3 Semester hour(s)
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 - BIO 131 - General Zoology (5 Semester Hours)
 - CHE 201 - Organic Chemistry I (5 Semester Hours)
- OR**
- PHY 201 - General Physics I (5 Semester Hours)
 - COM 131 - Intro to Oral Communication (3 Semester Hours)

Fourth Semester - 14 Hours

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

Footnotes

- *Some institutions require BIO 123 Intro to Botany in addition to BIO 105 and 131. BIO 109 & 110 may also be required by some transfer institutions.