

## pre-MEDICINE MAJORS (Suggested Associate in Science Degree Curriculum)

This worksheet is designed to help students select courses which are likely to apply to a **pre-MEDICINE** program. These suggested courses satisfy the Associate in Science Degree requirements at Prairie State College and provide the basis for transferring to a four-year institution. This program meets the guidelines of the **IAI (Illinois Articulation Initiative) General Education Core**. Students should obtain a copy of the Prairie State College **Associate in Science Degree Worksheet** and should visit the IAI website at [www.iTransfer.org](http://www.iTransfer.org) for additional information.

### ACADEMIC PREPARATION

This program provides the foundation course work in biology, chemistry, and mathematics for students who plan to apply to medical school. **Admission to medical school is very competitive** and it is important for the student to focus on maintaining a high overall grade point average, as well as excelling in the laboratory science and mathematics courses. This course work also helps to prepare the student to take the Medical College Admissions Test (MCAT) <http://www.aamc.org/mcat> which is required as part of the admissions screening process. If you are considering a career in medicine, visit the AAMC website at: [www.aamc.org/students/considering/start.htm](http://www.aamc.org/students/considering/start.htm)

### SUGGESTED CURRICULUM

*Each senior institution has its own transfer policies. Therefore, we cannot guarantee the accuracy of this information in regard to every individual school. Consult the school of your choice and/or the Prairie State College Counseling and Advising Center to discuss the transferability of courses.*

### TRANSFERABLE GENERAL EDUCATION CORE (41 credits)

#### Area A: Communications ( 9 credits)

ENG 101 (3)	[C1 900]*	Composition I (Prereq. ENG 099 , C or better, or qualifying score on English Placement Test)
ENG 102 (3)	[C1 901R]*	Composition II (Prereq. ENG 101, C or better)
COMM 101(3)	[C2 900]	Principles of Communication (Prereq. Placement in ENG 099 or above)

*\*Must have a C or better in ENG 101 & 102 to receive credit for the degree.*

#### Area B: Humanities and Fine Arts ( 9 credits)

Select three courses with at least one course selected from the humanities area and one course from the fine arts area. Refer to the Associate in Science Degree Worksheet, Area B, for a listing of approved course choices.

Humanities Course (3)	Select any Area B Humanities Course (Prereq. Placement in ENG 099 or above)
Fine Arts Course (3)	Select any Area B Fine Arts Course (Prereq. Placement in ENG 099 or above)
Humanities/Fine Arts Course (3)	Select any Area B Course (Prereq. Placement in ENG 099 or above)

#### Area C: Mathematics (5 credits)

MATH 171 (5)	[M1 900-1]	Calculus with Analytic Geometry I (Prereq. MATH 165 with C or better or qualifying score on Math Placement Test)
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#### Area D: Physical and Life Sciences ( 9 credits)

BIOL 112 (4)	[L1 900L]	Organismal Biology (Prereq. High school biology or equivalent; placement into ENG 099 or above)
CHEM 110 (5)	[P1 902L]	General Chemistry I (Prereq. MATH 095 with C or better or placement in MATH 151 AND high school chemistry)

#### Area E: Social and Behavioral Sciences ( 9 credits)

Select three courses in at least two different disciplines. Refer to the Associate in Science Degree Worksheet, Area E, for a listing of approved course choices.

PSYCH 101 (3)	[S6 900]	Introduction to Psychology (Prereq. Placement in ENG 099 or above)
Social/Behavioral Sci Course (3)	Select any Area E Social/Behav Sci Course (Prereq. Placement in ENG 099 or above)	
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### Pre-MEDICINE MAJOR COURSE RECOMMENDATIONS (21 credits)

*(Check with the school to which you plan to transfer to verify transferability of courses for this major)*

Select 21 credits from the “suggested” course recommendations listed below:

**Suggested Pre-Medicine Core courses include:**

BIOL 111 (4)	Cellular and Molecular Biology ( <i>Prereq. High school biology or equivalent with a C or better within the past 5 years; placement into ENG 099 or above</i> )
CHEM 130 (5)	General Chemistry II ( <i>Prereq. CHEM 110 with C or better</i> )

**Other suggested pre-medicine courses often include:**

BIOL 221 (4)	Human Anatomy & Physiology I ( <i>Prereq. BIOL 111 with C or better; or CHEM 105 with C or better; or high school chemistry within past 5 years with C or better</i> )
BIOL 222 (4)	Human Anatomy & Physiology II ( <i>Prereq. BIOL 221</i> )
CHEM 203 (5)	Organic Chemistry I ( <i>Prereq. CHEM 130 with C or better</i> )
CHEM 204 (5)	Organic Chemistry II ( <i>Prereq. CHEM 203 with C or better</i> )
MATH 172 (5)	Calculus with Analytic Geometry II ( <i>Prereq. MATH 171 with C or better</i> )

**Other suggested courses to satisfy the PSC AS degree requirements may include electives such as:**

- Any additional general education courses chosen from Areas B, C, D or E
- Any entry level majors course in a transferable major area
- Any foreign language courses\*
- Up to four credits of physical education courses
- Additional courses recommended by the school(s) to which you plan to transfer.

*\*Foreign Language Requirement: Some universities have a foreign language requirement. Generally, four years of a single foreign language in high school, or four semesters in college, will fulfill this requirement. It is recommended that students complete the entire sequence at one institution.*

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## 62 CREDITS REQUIRED FOR AN ASSOCIATE IN SCIENCE DEGREE

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**FOR FURTHER INFORMATION CONTACT:**

Counseling & Advising Center Room 1190 (708) 709-3506

**FOR TRANSFER INFORMATION:**

u.select, formerly known as Course Applicability System (CAS): [www.transfer.org](http://www.transfer.org)

Illinois Articulation Initiative (IAI): [www.iTransfer.org](http://www.iTransfer.org)

Links to Articulation Tables for Illinois Colleges: <http://www.itransfer.org/IAI/Other/Articulationlinks.taf>

Visit the web sites of colleges and universities to which you plan to transfer.

**PRE-MED PROGRAM INFORMATION:**

American Medical College Application Service: <http://www.aamc.org/students/amcas/start.htm>

Medical College Admissions Test (MCAT): <http://www.aamc.org/mcat>

*Barron's Guide to Medical and Dental Schools*

*Princeton Review Guide to the Best Medical Schools*

*Occupational Outlook Handbook*, U.S. Department of Labor: <http://www.bls.gov/oco/home.htm>

**ACCREDITED MEDICAL SCHOOLS IN ILLINOIS:**

Loyola University Chicago Stritch School of Medicine: <http://www.meddean.luc.edu/>

Northwestern University - The Feinberg School of Medicine: <http://www.medschool.northwestern.edu/>

Rosalind Franklin University of Medicine/Chicago School of Medicine: <http://www.rfums.net/cms/>

Rush Medical College of Rush University: <http://www.rushu.rush.edu/medcol/>

Southern Illinois University School of Medicine: <http://www.siumed.edu/>

University of Chicago Division of Biological Sciences The Pritzker School of Medicine: <http://pritzker.bsd.uchicago.edu/>

University of Illinois at Chicago College of Medicine: <http://www.uic.edu/depts/mcam/>