

**University of Southern Indiana**  
Pre-Med, Pre-Osteopathy, Pre-Podiatry

There is no specific major to prepare for medical school. Admission requirements for medical school vary for different schools. Students must take the MCAT, which covers information from the required courses. The following are the minimum required courses for the application to most medical schools: **CHEM 261, CHEM 262, CHEM 353, CHEM 354, CHEM 431, CHEM 432, BIOL 141, BIOL 334, PHYS 205 and PHYS 206, PSY 201, SOC 121, MATH 230**. The following courses are a typical course of study for a **chemistry** major interested in admission to medical, osteopathic, or podiatric training:

| <u>Fall Year 1</u> |          | <u>Spring Year 1</u> |          |
|--------------------|----------|----------------------|----------|
| CHEM 261           | 4        | CHEM 262             | 4        |
| BIOL 141           | 4        | MATH 235             | 4        |
| MATH 230           | 4        | CMST 101/107         | 3        |
| ENG 101            | 3        | ENG 201              | 3        |
| UNIV 101           | <u>1</u> | SOC 121 (core)       | <u>3</u> |
|                    | 16       |                      | 17       |

| <u>Fall Year 2</u> |          | <u>Spring Year 2</u>        |          |
|--------------------|----------|-----------------------------|----------|
| CHEM 353           | 4        | CHEM 354                    | 4        |
| BIOL 152           | 3        | BIOL 334                    | 3        |
| PHYS 205           | 5        | PHYS 206                    | 5        |
| PSY 201 (Core)     | 3        | <u>CHEM 321 (or summer)</u> | <u>4</u> |
| CHEM 218           | <u>1</u> |                             | 16       |
|                    | 16       |                             |          |

| <u>Fall Year 3</u>   |          | <u>Spring Year 3</u>     |          |
|----------------------|----------|--------------------------|----------|
| CHEM 431             | 4        | CHEM 432                 | 4        |
| CHEM 318 (or year 4) | 1        | CHEM 418 (or year 4)     | 1        |
| BIOL 333             | 4        | *CHEM 499/BIOL 499       | 1        |
| Core Elective        | 3        | BIOL 382                 | 4        |
| KIN 192              | <u>1</u> | <u>Core Elective x 2</u> | <u>6</u> |
|                      | 13       |                          | 16       |

MCAT should be taken during April/May of Junior Year

| <u>Fall Year 4</u> |          | <u>Spring Year 4</u> |          |
|--------------------|----------|----------------------|----------|
| CHEM 461           | 4        | CHEM 441             | 4        |
| CHEM 421           | 4        | CHEM Elective        | 4        |
| *CHEM 499/BIOL 499 | 1        | Core Elective        | 3        |
| Core Electives     | 3        | <u>Elective</u>      | <u>3</u> |
| <u>Elective</u>    | <u>3</u> |                      | 14       |
|                    | 15       |                      |          |

This is a **suggested** sequence of courses. There is some flexibility in this schedule. Courses taken in first year depend on math placement. In order to graduate, you must fulfill 39 credit hours at 300/400 level. \*Research courses can be taken in any semester, two are required for the degree

Contact the Chemistry Office (812-465-1701) to be put in touch with a Pre-Med, Pre-Podiatry, or Pre-Osteopathy advisor