

Pre-Respiratory Therapy Courses at UMKC

The following courses are commonly required and/or recommended for entry into respiratory therapy programs. Familiarize yourself with the requirements of programs of interest to you to ensure you are taking the proper courses to meet their entry requirements.

Required Courses (to be completed one year prior to entering RT program)

| | | |
|-----------------------------------|----------------------------------|---------------|
| Math 110 | College Algebra | 3 hrs |
| Stat 235 | General Statistics | 3 hrs |
| English 110 | English Composition I | 3 hrs |
| English 225 | English Composition II | 3 hrs |
| Humanities | Electives | 9 hrs |
| Psych 210 | General Psychology | 3 hrs |
| His 101/102 | Pol Sci 210 US History/Gov | 3 hrs |
| Soc/Anthro/Econ | Elective | 3 hrs |
| Biol 108 | General Biology I | 3 hrs |
| Biol 108L | General Biology I Lab | 1 hr |
| LS Mcrb 121 | Microbiology | 3 hrs |
| LS Mcrb 121L | Microbiology Lab | 1 hr |
| LS Anat 118 | Human Anatomy | 3 hrs |
| LS Anat 118L | Human Anatomy Lab | 2 hrs |
| LS Phys 117 | Human Physiology | 3 hrs |
| LS Phys 117L | Human Physiology Lab | 1 hr |
| Chem 211 | General Chemistry I | 4 hrs |
| Chem 211L | General Chemistry I Lab | 1 hr |
| Chem 212 | General Chemistry II | 4 hrs |
| Chem 212L | General Chemistry II Lab | 1 hr |
| Physics 210 | General Physics I (includes lab) | 4 hrs |
| N 125 | Medical Terminology | 1 hr |
| Total hours of Pre-RT coursework: | | 62 hrs |

Recommended Courses

| | | |
|------------|--------------------------|-------|
| Com St 110 | Public Speaking | 3 hrs |
| Chem 321 | Organic Chemistry I | 3 hrs |
| Chem 321L | Organic Chemistry I Lab | 1 hr |
| Chem 322 | Organic Chemistry II | 3 hrs |
| Chem 322L | Organic Chemistry II Lab | 1 hr |

For more information please contact:

Cary Lyon, Director of Pre-Health Sciences Programs, College of Arts & Sciences
lyonc@umkc.edu 816-235-5874 (phone) <http://cas.umkc.edu/premed>

Pre-Respiratory Therapy Courses at UMKC (con't)

In addition to the aforementioned pre-requisite courses, you should also:

- Volunteer and job shadow in a variety of respiratory therapy settings throughout your college career (i.e. hospitals, clinics, etc.)
- Actively involve yourself with activities demonstrating your social conscience, compassion, and personal character
- Show leadership ability through collegiate or community activities
- Possess ability s to communicate with a variety of people in a variety of ways (i.e. written, verbal, non-verbal, technological, etc.)
- Demonstrate your ability to effectively manage time

RT baccalaureate programs in the Midwest:

- University of Missouri-Columbia-Columbia, MO
- University of Kansas Medical Center-Kansas City, KS
- Alegent Health-Omaha, NE
- Nebraska Methodist College of Nursing and Allied Health-Omaha, NE

The following resources will be of assistance to you in exploring RT programs:

American Association for Respiratory Care (AARC)

<http://www.aarc.org/>

National Board for Respiratory Care (NBRC)

<http://www.nbrc.org>

CAAHEP List of Accredited Respiratory Therapy Programs

http://www.caahep.org/Find_An_Accredited_Program.aspx