



## MACOMB COMMUNITY COLLEGE EQUIVALENCY GUIDE

### COLLEGE OF ENGINEERING AND SCIENCE

### PRE-DENTAL PROGRAM

The Pre-Dental Program is not a degree program in itself. It is a combination of support structures and learning environments that aid pre-professional students in their efforts to gain entry into dental school. Although many of the common academic majors satisfy dental school requirements, the majority of successful applicants have majored in biology, chemistry, or biochemistry. This provides educational experience in the sciences to better prepare students for success on the national Dental Admission Test and for the in-depth scientific studies included in the dental school curriculum.

Students may transfer a maximum of 63 UDM semester hours of credit toward a Bachelor's Degree. A GPA of 2.5, based on at least 24 semester hours, is required for transfer acceptance into the University. (If less than 24 credits have been taken, high school transcripts are required.) However, dental schools typically require a minimum undergraduate GPA of 3.4-3.6 in both overall course work and in the science areas, including mathematics. Consequently, an overall minimum GPA of 3.0 is required for acceptance into the Pre-Dental Program itself. For more information or to arrange a campus visit, contact an Admissions Counselor at 800-635-5020, or [admissions@udmercy.edu](mailto:admissions@udmercy.edu) or Dr. Greg Grabowski, Program Coordinator, at 313-993-1181.

Although dental schools may accept an exceptionally well-qualified applicant after completion of three years (90 semester hours) of undergraduate work, a majority of beginning dental school students have already earned their bachelors' degrees.

Listed below are the specific undergraduate courses that all dental schools require for admission into the professional program. *Students are encouraged to also obtain a transfer guide for their chosen major* (available on UDM's website). Although not required, dental school admission committees often prefer courses be taken at a four-year, rather than a two-year, school.

UDM website: [www.udmercy.edu](http://www.udmercy.edu)

#### MACOMB COMM COLLEGE COURSES

#### UDM EQUIVALENCIES

##### Mathematics and Science Courses:

|           |                   |               |                         |
|-----------|-------------------|---------------|-------------------------|
| BIOL 1000 | General Biology 1 | BIO 1200/1210 | General Biology I/ Lab  |
| BIOL 1010 | General Biology 2 | BIO 1202/1230 | General Biology II/ Lab |

Also required is at least one additional biology course such as Comparative Anatomy, Physiology, Microbiology, Genetics, Cell and Molecular Biology, Histology, Embryology or Virology. Biochemistry is also particularly recommended.

##### Chemistry Courses:

|           |                              |                            |                           |
|-----------|------------------------------|----------------------------|---------------------------|
| CHEM 1170 | Principles of Chemistry 1    | CHM 1070/1100              | General Chemistry I/ Lab  |
| CHEM 1180 | Principles of Chemistry 2    | CHM 1080/1120              | General Chemistry II/ Lab |
| CHEM 2260 | Organic Chemistry 1          | CHM 2270                   | Organic Chemistry I       |
| CHEM 2270 | Organic Chemistry Laboratory | CHM 2250/2260 <sup>1</sup> | Organic Chem Labs I & II  |
| CHEM 2280 | Organic Chemistry 2          | CHM 2290                   | Organic Chemistry II      |

##### Mathematics Course (some programs require calculus - see specific Equivalency Guides):

|           |             |          |                      |
|-----------|-------------|----------|----------------------|
| MATH 1460 | Precalculus | MTH 1400 | Elementary Functions |
|-----------|-------------|----------|----------------------|

##### Physics Courses (some programs require a higher level of physics - see specific Equivalency Guides):

|           |                   |               |                         |
|-----------|-------------------|---------------|-------------------------|
| PHYS 1180 | College Physics 1 | PHY 1300/1310 | General Physics I/ Lab  |
| PHYS 1190 | College Physics 2 | PHY 1320/1330 | General Physics II/ Lab |

##### English Courses:

|           |                  |          |                  |
|-----------|------------------|----------|------------------|
| ENGL 1190 | Communications 2 |          |                  |
| ENGL 1220 | Composition 2    | ENL 1310 | Academic Writing |

<sup>1</sup> Note: UDM's CHM 2300 (not CHM 2260) is required for Biochemistry/Chemistry majors.