



SCHOOLCRAFT COLLEGE EQUIVALENCY GUIDE
COLLEGE OF ENGINEERING AND SCIENCE
BIOCHEMISTRY: PRE-PHYSICIAN ASSISTANT PROGRAM

Entrance Requirements: 2.5 GPA based on at least 24 semester hours of credit. If less than 24 credits have been taken, high school transcripts are required. Students may transfer a maximum of 63 semester hours toward a Bachelor's Degree. According to transfer policy, additional courses not on this guide may also be transferable. For more information or to arrange a campus visit, please contact an Admissions Counselor at 800-635-5020, 313-993-1245, or admissions@udmercy.edu.

In order to apply to the Physician Assistant program, undergraduate students from UDM sciences must have at least six months of health care experience, all designated coursework completed (as outlined by the department), and a recommendation from the department chair and/or advisor.

UDM website: www.udmercy.edu

SCHOOLCRAFT COLLEGE COURSES

UDM EQUIVALENCIES

Major Courses:

BIOL 120	Principles of Biology 1	BIO 120/121	General Biology I/ Lab
BIOL 130	Principles of Biology 2	BIO 122/123	General Biology II/ Lab
BIOL 115	Nutrition	BIO 204	Applied Nutrition
CHEM 111	General Chemistry 1	CHM 107/110	General Chemistry I/ Lab
CHEM 117	General Chemistry & Qualitative Analysis 2	CHM 108/112	General Chemistry II/ Lab
CHEM 213	Organic Chemistry 1	CHM 227/225	Organic Chemistry I/ Lab
CHEM 214	Organic Chemistry 2	CHM 229/226 ¹	Organic Chemistry II/ Lab
MATH 150	Calculus with Analytic Geometry 1	MTH 141	Analytic Geom & Calculus I
MATH 151	Calculus with Analytic Geometry 2	MTH 142	Analytic Geom & Calculus II
PHYS 181	General Physics 1	PHY 130/131	General Physics I/ Lab
PHYS 182	General Physics 2	PHY 132/133	General Physics II/ Lab
PSYCH 229	Life-Span Developmental Psychology	PYC 250	Developmental Psychology

Core Curriculum Courses:

COMA 103	Fundamentals of Speech	CST 101	Fund of Speech (Obj 1)
ENG 102	English Composition 2	ENL 131	Academic Writing (Obj 1)
CIS 120	Software Applications	CIS 100	Intro to Computers (Obj 2)
PHIL 243	An Introduction to Philosophy	PHL 100	Intro to Philosophy (Obj 4)
ANTH 211	Myth, Magic and World Religions		Religious Studies requirement (Obj 4)
PHIL 247 or PHIL 277 (select only one)		PHL 150	Logic or PHL 201 Ethics (Obj 4)

¹ Note: UDM's CHM 230 (not CHM 226) is required for Biochemistry/Chemistry majors.

Objective 5 Courses (select up to three*):

HIST 134-230	Historical Experience courses (Obj 5A)
ENG 170, 243-275	Literary Experience courses (Obj 5B)
ART 105-106, 115-116, 125, 201, 211, 216, 236, 243; ENG 200; HUM 150-232; MUSIC 105, 109, 149, 164, 165; THEA 101, 208, 231, 232	Aesthetic Experience courses (Obj 5C)
ANTH 112-201, 214; ARB 101-202; CHIN 101,102; FR 101-202; GEOG 133, 241; GER 101-202; ITAL 101,102; POLS 207; SOC 210; SPAN 101-202	Comparative Experiences course (Obj 5D)

* B.S. Biochemistry requires two courses total from objectives 5A, 5B, 5C above (both may not be from the same group) and one course from objective 5D.

HIGHLIGHTS

- For the eighth consecutive year, University of Detroit Mercy is listed in the **top tier of Midwestern Master's Universities** in the 2009 edition of the *U.S. News and World Report's* "America's Best Colleges." The University was ranked one of the top 25 schools in its category and the **highest-ranking school in Michigan**.
- The B.S. /B.A. degrees in chemistry and biochemistry prepare students for **numerous career choices**, including **teaching, medical forensics and industrial research**. Our students are accepted into M.S. and Ph.D. programs, as well as professional schools, including **medical, dental, physician assistant, veterinary, pharmacy, podiatry, optometry, chiropractic and law**.
- All Department of Chemistry and Biochemistry faculty have active research programs and work with **undergraduate students in their laboratories**. Undergraduates have been co-authors on numerous research publications and have attended both regional and national scientific meetings.
- A number of academic **scholarships** and summer **research fellowships** are available for Chemistry and Biochemistry majors.
- The **UDM Chemistry Club** has received "**Outstanding**" or "**Commendable**" **Recognition** by the American Chemical Society over the past 14 years. The Chem Club was also recognized with the 2004-05 and 2006-07 "Green Chemistry" Chapter award.
- Students majoring in Chemistry or Biochemistry have the option to **study abroad** for one or two semesters.
- The Department of Chemistry and Biochemistry has recently been awarded **8 major grants** for state-of-the-art instrumentation that undergraduates use in lab courses and research.