

Pre-Dental Curriculum Guide 2023-2024*

Course requirements for Michigan Dental Schools

Requirements	University of Detroit Mercy	University of Michigan
Biological Science	BIO 111 & BIO 112	BIO 111 & BIO 112
Microbiology	BIO 320 or BIO 208	BIO 320 or BIO 208
Chemistry	CHM 131 & CHM 132	CHM 131 & CHM 132
Organic Chemistry	CHM 345 & CHM 346 & CHM 349	CHM 345 & CHM 346 & CHM 349
Biochemistry	CHM 520 <u>or</u> CHM 521 & CHM 522	CHM 520 <u>or</u> CHM 521 & CHM 522
Physics	PHY 130, 170 131, 171 <u>or</u> PHY 145, 146, 175, 176	PHY 130, 170 131, 171 <u>or</u> PHY 145, 146, 175, 176
Mathematics	Math is not a requirement for many dental schools. However, students preparing for dental school are encouraged to complete MTH 109 (Trigonometry) or higher for the DAT.	
Statistics	Statistics is not a requirement for many dental schools. However, students preparing for dental school are encouraged to complete a statistics course for the DAT (see advisor for additional information).	
English Composition	ENG 101 & ENG 201**	ENG 101 & ENG 201**
Psychology	Recommended	PSY 100
Sociology	Recommended	SOC 100
Additional Recommended Courses	Comparative Anatomy, Physiology, Statistics, Business, Molecular Genetics, Cell Biology, Histology, Embryology, and Virology.	Anatomy, Histology, Physiology, Public Speaking and Art.
CLEP/AP Credit	Advanced Placement (AP) and CLEP credit are accepted.	Advanced Placement (AP) credit is accepted for the prerequisites if college credit was received and the AP courses appear on official transcripts. CLEP credits are not accepted.
Credit Expiration	Prerequisites should be completed within 5 years of the application date and will need to be retaken, if expired.	No expiration.
Minimum Prerequisite GPA	Minimum grade of C in each course, but high B grades or higher are truly more competitive.	Minimum grade of C in each course.
Competitive GPA	3.5 Science (minimum 3.0) 3.5 Cumulative (minimum 3.0)	3.6 Science 3.69 Cumulative
Competitive DAT	20 Academic Average Should be taken by December 31.	21 Academic Average. Should be taken by August 31.
Letters of Recommendation	2 Science Faculty (see website) 1 Dentist	2 Science Faculty (must receive grade) 1 of choice (Science <u>or</u> Non-Science Faculty <u>or</u> Dentist <u>or</u> Employer)
Dental Hours	60 hrs. shadowing in a general practice (should NOT be with a family member)	Minimum 100 hrs. shadowing (majority in general practice)

* Students are encouraged to meet regularly with their pre-health academic advisors and faculty advisors.

** Three semester hours of credit in literature may be used to satisfy part of this requirement if the course description confirms that writing was integral to the course.

***Although a bachelor's degree is not required, it is *highly recommended*.