

Course Requirements for Pre-Dental Students

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Requirement	Course Code	Course Title	Semesters Offered	Prerequisites
2 semesters of general chemistry	CHE 131	General Chemistry I	FA and SP	MAT 110 or basic math skills
	CHE 132	General Chemistry II	FA and SP	CHE 131 with a grade C- or higher
2 semesters of organic chemistry	CHE 241	Organic Chemistry I	FA and SP	CHE 132 with a grade C- or higher
	CHE 242	Organic Chemistry II	FA and SP	CHE 241 with a grade C- or higher
7 semesters of biology*	BIO 110	Evolution, Biodiversity, Ecology	FA and SP	MAT 110 or basic math skills
	BIO 210	Introduction to Genetics	FA and SP	BIO 110
	BIO 226	Human Anatomy and Physiology I	FA	BIO 110 CHE 131
	BIO 227	Human Anatomy and Physiology II	SP	BIO 226
	BIO 340	Microbiology	FA and SP	BIO 110 BMB 210
	BIO 345	Histology	FA	BMB 210
	BIO 355	Immunology	Unclear	BIO 210 BMB 210
2 semesters of Biochemistry*	BMB 210	Introduction to Biochemistry and Cell Biology	FA and SP	CHE 241
	BMB 340	Cell Biology	SP	BMB 210
1 semester of Physics	PHY 110 or PHY 210	Introduction to Physics	FA and SP	MAT 110 or basic skills in math
		General Physics I	SP	MAT 165 or permission of the instructor

***It is advised that students complete CHE 131, 132, & BIO 110 OR CHE 131, BIO 110 & 210 by the end of their first year

* Biology and BMB course requirement may differ between dental schools, please refer to specific program.