

Dental School Prerequisites

7/20 AEK

Prereq Requirement	FSU Course Options Number and Name	Planned Semester and Year to take	Completed	Grade
2 semesters Biology w/ lab	BIOL 160 Introduction to Organismal Biology AND BIOL 161 Introduction to Cellular and Molecular Biology			
1 upper division Biology w/ lab	See recommended courses below			
2 semester General Chemistry w/ lab	CHEM 107 Principles of Chemistry AND CHEM 108 Principles of Chemistry & Quantitative Analysis			
2 semester Organic Chemistry w/ lab	CHEM 207 Organic Chemistry I AND CHEM 208 Organic Chemistry II			
1 semester Biochemistry	CHEM 301 Biochemistry I (recommended) OR CHEM 300 Principles of Biochemistry			
2 semesters Physics w/ lab	PHYS 211 Principles of Physics I AND PHYS 212 Principles of Physics II			
2 semesters Math	MATH 219 Calculus I (must be taken before beginning PHYS 211 Principles of Physics) AND Another MATH Course			
2 semester English Composition	ENGL 110 Expository Writing AND One of the following: ENGL 225 Introduction to Journalism ENGL 280 Persuasive Writing ENGL 282 Creative Writing ENGL 283 Writing Poetry ENGL 284 Creative NonFiction ENGL 286 Professional Writing ENGL 288 Writing Fiction ENGL 311 Writing About Science			
1 semester each Humanities, Social Science, History, English, Literature, Philosophy, Government	Most of these requirements can be filled by General Education Program with careful selection			

Recommended Courses				
Human Anatomy and Physiology I and II	BIOL 241 Human Anatomy and Physiology I AND BIOL 242 Human Anatomy and Physiology II			
Cell Biology	BIOL 260 Cell Biology			
Genetics	BIOL 208 Genetics			
Development/Embryology	BIOL 409 Developmental Biology			
Immunology	BIOL 340 Immunology			
Microbiology	BIOL 307 Microbiology			
Molecular Biology	BIOL 262 Molecular Biology			
Statistics	MATH 117 Introduction to Statistics STAT 208 Biostatistics ENVS 202 Data Analysis for Scientists			
Calculus II	MATH 220 Calculus II			
Other Recommendations:				
40 hours experience of dentist shadowing with a general dentist				
75 hourse experience in the dental field				
DAT				