
The MED/DEN majors provide a breadth of training in both the sciences and humanities. **Because of the breadth and flexibility of the curriculum, the MED/DEN majors satisfy the curricular requirements of health care professional schools of medicine or dentistry, as well as professional schools in other areas.** The flexibility of the MED/DEN majors also can easily accommodate those students choosing a minor within a typical four-year program.

Recent careers pursued by MED/DEN majors are medicine, dentistry, veterinary medicine, optometry, chiropractic medicine, occupational therapy, nursing, physician assistant, and graduate school.

The curriculum listed in this brochure should be used as a guide for a typical student. The specific ordering of classes will vary in accordance with individual student needs.



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PREMEDICAL PROGRAMS



THE BACHELOR OF SCIENCE DEGREE IN PREMEDICINE OR PREDENTISTRY

PREMEDICAL PROGRAMS OFFICE MED/DEN CURRICULUM

The First Step: The MED/DEN Sections of ASI150 First Year Experience

Admission to professional schools depends upon non-curricular issues as well as coursework. The Premedical Program at U.D. includes the necessary coursework plus special counseling, programming, and support which may not be provided by other majors. This programming begins in the students first term on campus with the MED/DEN sections of ASI150.

In their first semester on campus, MED/DEN majors enroll in a section of ASI150 delivered by the Premedical Program. This course deals with many aspects of university life, but because the MED/DEN majors have similar professional goals, the MED/DEN sections are able to address the specialized needs of a future candidate for a health care professional school.

Common topics in the MED/DEN sections of ASI150 include discussions of curricular, extracurricular, and personal credentials necessary to be a strong candidate, timetables, and the Heart Transplant Problem (an ethical problem of how to determine who gets a transplant and who doesn't from a list of candidates).

The Program Seminar series is a mandatory part of the MED/DEN sections of ASI150. These seminars feature admissions representatives from medical, dental, as well as other health care professional schools. This seminar series provides students with the unique opportunity to be introduced to Deans and Directors of Admission early in the educational process.

FIRST YEAR *Courses in RED are typical application requirements for health care professional schools*

First Term				Second Term			
Dept	No.	Title	Cr	Dept	No.	Title	Cr
BIO	151	Concepts of Biology	3	BIO	152	Concepts of Biology	3
BIO	151L	Concepts of Biology Lab	1	BIO	152L	Concepts of Biology Lab	1
CHM	123	General Chemistry	3	CHM	124	General Chemistry	3
CHM	123L	General Chemistry Lab	1	CHM	124L	General Chemistry Lab	1
MTH	148	Introductory Calculus	3	MTH	149	Introductory Calculus	3
ENG	100	College Composition	3	HST	103	The West and The World	3
---	103	Introduction to REL/PHL	3	---	103	Introduction to PHL/REL	3
ASI	150	First Year Seminar	1				
Totals			15-18				14-17

SECOND YEAR

First Term				Second Term			
Dept	No.	Title	Cr	Dept	No.	Title	Cr
CHM	313	Organic Chemistry	3	CHM	314	Organic Chemistry	3
CHM	313L	Organic Chemistry Lab	1	CHM	314L	Organic Chemistry Lab	1
PHY	201	General Physics	3	PHY	202	General Physics	3
PHY	201L	General Physics Lab	1	PHY	202L	General Physics Lab	1
ENG	200	College Composition	3		111	Intro to Personal Comp	
---	---	Soc/Behav Science Elective	3	CPS OR MTH	207	Intro to Statistics	3
CMM	1XX	Communication Module	1	---	367	Statistical Methods I	
				---	---	PHL/REL Ethics	3
				CMM	1XX	Communication Module	1
Totals			14-16				14-16

THIRD YEAR

First Term				Second Term			
Dept	No.	Title	Cr	Dept	No.	Title	Cr
---	---	General Elective	3	---	---	Science Elective	3
CHM	420	Biochemistry ¹	3	---	--L	Science Elective Lab	1
---	--L	Science Elective Lab	1	ENG	---	English Elective	3
---	---	Science Elective	3	---	---	Arts Study Course	3
---	---	PHL/REL Breadth Req	3	CMM	113	Communication Module	1
---	---	Soc/ Behav Science Elective	3	---	---	General Elective	3
---	1XX	Communication Module	1	---	---	Soc /Behav Science Elective	3
Totals			15-17				14-16

FOURTH YEAR

First Term				Second Term			
Dept	No.	Title	Cr	Dept	No.	Title	Cr
---	---	Science Elective	3	---	---	Science Elective	3
---	--L	Science Elective Lab	1	---	---	Science Elective	3
---	---	General Elective	3	---	---	General Elective	3
---	---	General Elective	3	---	---	General Elective	3
---	---	General Elective	3	---	---	General Elective	3
---	---	Soc/Behav Science Elective	3				
Totals			14-16				12-15

Recommend DEN majors consider MEE104L (Computer Graphics Lab) as an elective. Courses in graphic design, studio art, or performing arts are also recommended

Science and Math Core	41 Sem. Hrs.	Historical Study	6 Sem. Hrs.
Science Elective	17 Sem. Hrs.	Arts Study	3 Sem. Hrs.
Communication Skills	9 Sem. Hrs.	Soc/Behavioral Sciences	12 Sem. Hrs.
Philosophy/Religious Studies	12 Sem. Hrs.	General Elective	12 or more Sem. Hrs.

Total = 119 Semester Hours plus First year Experience (ASI 150) = 120 Semester hours

¹Beginning with the entering class of 2011. MED/DEN majors from the class of 2008, 2009 or 2010 are still required to take CHM 201/201L (Quantitative Analysis).