

OPSA can advise you realistically on whether your credentials show promise for admission to medical or dental school, but only you can decide if that is what you truly want to do. One way to explore your interest is to volunteer at a local hospital or dental office. You can also observe or shadow a physician/dentist or talk to professionals in the field. Another way is to read information about professional schools and medicine/dentistry as a career. Be sure to join one of the campus pre-health organizations.



We suggest that you choose a major that leads to what you would select as an alternative career for these reasons: you generally do best at what you enjoy the most; this is another way to determine whether medicine is the right choice; and an alternative career provides good insurance if you should happen to change direction or postpone entry.



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MEDICAL & DENTAL SCHOOLS



**NUTRITION &
FOOD SCIENCE**
TEXAS A&M UNIVERSITY

CURRICULUM IN NUTRITIONAL SCIENCES GENERAL NUTRITION TRACK

University Core Curriculum**

Citizenship

_____ Am. History Elective (3)
(TCCN: HIST 1301)

_____ Am. History Elective (3)
(TCCN: HIST 1302)

_____ POLS 206 (3)
(TCCN: GOVT 2305)

_____ POLS 207 (3)
(TCCN: GOVT 2306)

Communication

_____ ENGL 104 (3)
(TCCN: 1301)

_____ ENGL 241 (3)
(TCCN: 2311 accepted)

Natural Sciences

_____ CHEM 101/111 (4)
(TCCN: 1411)

_____ CHEM 102/112 (4)
(TCCN: 1412)

Language, Philosophy, and Culture

_____ Language, Philosophy and
Culture Elective (3)

Mathematics and Statistics

_____ MATH 141 (3)
(TCCN: 1324)

_____ MATH 142 (3)
(TCCN: 1325)

_____ STAT 302 (3)
(must be taken at TAMU)

Social and Behavioral Sciences

_____ Social & Behavioral Science
Elective (3)

Creative Arts

_____ Creative Arts Elective (3)

International & Cultural Diversity

_____ 3 hours

_____ 3 hours

(can be used to satisfy
other requirements)

Writing Intensive Credits (must be NUTR/2 required)

1. NUTR 481

2. NUTR 430 or NUTR 469

Science Courses (Credit hrs)

Anatomy/Physiology

_____ BIOL 319 (4)

*** (Cannot substitute

BIOL 2401)

_____ BIOL 320 (4)

*** (Cannot substitute

BIOL 2402)

Biochemistry

_____ BICH 410 (3)

_____ BICH 411 (3)

Biology and Genetics

_____ BIOL 111 (4)

(TCCN: 1406)

_____ BIOL 112 (4)

(TCCN: 1407)

_____ GENE 301 (4)

Chemistry

_____ CHEM 227 (3)

(TCCN: 2423)

_____ CHEM 237 (1)

(TCCN: 2423)

_____ CHEM 228 (3)

(TCCN: 2425)

Required Nutrition/Food Science Courses

_____ BIOL 351 (4)

_____ NUTR 203 (3)

_____ NUTR 210 (2)

_____ NUTR 301 (3)

_____ NUTR 430 (3)

_____ NUTR 470 (3)

_____ NUTR 481 "C" (1)

_____ NUTR Elective (3)***

_____ NUTR Elective (3)***

Technical Electives (9 hrs total)

_____ Approved Electives (3)****

_____ Approved Electives (3)****

_____ Approved Electives (3)****

Free Electives (9 hrs total)

_____ Free Electives

_____ Free Electives

_____ Free Electives

A total of 120 hours is required for graduation; 36 hours of 300/400 level courses are required at TAMU.

*Catalog should correspond with your first semester.

**University Core Curriculum.

***Students may choose from NUTR 211, 369 "W", 410, 405, 415, 430 "W", 440, 450, 471, 485, 489.

****Approved Electives – CHEM 238, PHYS 201, PHYS 202, CHEM 315 and 318, BIOL 413 or 414, MICR 352 or 360, VTPP 425, COMM 203, 315, or 325, PSYC 306, PSYC 307, BICH 431, HLTH 354

***** Student may choose to take biomedical anatomy and physiology. Choose VIBS 305 and VTPP 423

Dental School Course Requirements

The minimum entrance requirements for dental school are as follows, each of which must be completed with a grade of "C" or better

- **2 semesters of English* (6 hrs)**
(ENGL 104 & any literature or technical writing)
- **1 semester of Statistics (3hrs)**
(STAT 301, 302, 303)
- **2 semesters of Introductory Biology with lab* (8 hrs)** (BIOL 111, 112)
- **1 semester of upper-level Biology* (3-4 hrs)**
- **1 semester of Microbiology**
(BIOL 351 or VTPB 405)
- **2 semesters of Inorganic Chemistry with lab*(8 hrs)**
(CHEM 101/111 and 102/112)
- **2 semesters of Organic Chemistry with lab* (8 hrs)**
(CHEM 227/237 and 228/238)
- **2 semesters of Physics with lab* (8 hrs)**
(PHYS 201 and 202)
- **1 semester of biochemistry (3 hrs)**
(BICH 410)

Highlighted bold
courses in the General
Nutrition Degree Plan
(left panel) are the
required courses for
dental/medical school.



Medical School Course Requirements

The minimum entrance requirements for medical school are as follows, each of which must be completed with a grade of "C" or better

- **2 semesters of English* (6 hrs)**
(ENGL 104 & any literature or technical writing)
- **1 semester of Statistics* (3 hrs)**
(STAT 301, 302, 303)
- **2 semesters of Introductory Biology with lab* (8 hrs)** (BIOL 111, 112)
- **2 semesters of upper-level Biology*(6 hrs)**
(see note below for some selections)
- **2 semesters of Inorganic Chemistry with lab* (8 hrs)** (CHEM 101/111 and 102/112)
- **2 semesters of Organic Chemistry with lab* (8 hrs)** (CHEM 227/237 and 228/238)
- **2 semesters of Physics with lab* (8 hrs)** (PHYS 201 and 202)
- **1 semester of biochemistry (BICH 410) required for UT-San Antonio Medical School & Texas Tech Medical School (3 hrs)**



All prerequisites and information are subject to change at any time and without notice. It is the responsibility of the applicant to remain up to date on all requirements for their TAMU major and their desired program.

* Some out of state medical/dental schools require additional courses. Others do not accept AP credits for prerequisite course work.

Always check with the medical programs in which you are interested before you begin your undergraduate coursework.

- Upper level biology courses can be chosen from VIBS 305, 343, 450, 451; BIOL 213, 214, 318, **319, 320**, 335, 351, 352, 360, 388, 405, 406, 413, 438, 445, 454, 456; VTPB 409, 405, 408, 438; **GENE 301**, 302, 310, 320, 405, 406, 421, 431, 452; VTPP 423, 425, 429, 434, 435;. Check with an OPSA advisor for approval of any other courses.
- Biochemistry 410 and 411 at A&M do not count as upper-level biology for Texas medical and dental schools.