

# Dentistry

Pre-Professional Advising  
907-474-6396

Dentistry is concerned with the prevention, diagnosis and treatment of oral disease and disorders. Professional dental study typically involves a four-year program of graduate classroom instruction, lab work and hands-on patient treatment. Students who want to specialize within the field may pursue advanced training at the post-doctoral level. Specialists and general dentists must be licensed by the state before practicing.

While a definite pre-dentistry curriculum is not required for admission to dental school, students planning to apply should include specific courses in their undergraduate studies. At UAF, these are biology (BIOL F115X and F116X), chemistry (CHEM F103X and F104X, or F105X and F106X), organic chemistry with lab (CHEM F321, F322, and F324), and physics (PHYS F103X and F104X). Some schools suggest additional science course work in areas such as anatomy and physiology (BIOL F111X and F112X).

Dental schools expect students to have a broad general background in the social sciences and humanities. Some dental schools accept applicants after their third year of undergraduate work, but the majority of students entering dental school have completed a bachelor's degree. A strong undergraduate academic record and high scores on the Dental Admission Test (DAT) are desirable for admission.

Students who are considering dentistry as a career should contact the Academic Advising Center. An academic advisor will help students plan an appropriate undergraduate program and explore professional schools, licensing requirements and financial aid. See [www.uaf.edu/advising/degree/preprof/dentistry.html](http://www.uaf.edu/advising/degree/preprof/dentistry.html) for detailed information on preparing for dental school while at UAF.

## Baccalaureate Core Requirements

All degrees (e.g. B.A., B.S., etc.) require additional courses. Refer to specific degree and program requirements.

### COMMUNICATION (9)

Complete the following:

ENGL F111X ..... (3) \_\_\_\_\_  
*ENGL F190H may be substituted.*

Complete one of the following:

ENGL F211X OR ENGL F213X ..... (3) \_\_\_\_\_

Complete one of the following:

COMM F131X OR COMM F141X ..... (3) \_\_\_\_\_

### PERSPECTIVES ON THE HUMAN CONDITION (18)

Complete all of the following four courses:

ANTH F100X/SOC F100X ..... (3) \_\_\_\_\_  
ECON F100X OR PS F100X ..... (3) \_\_\_\_\_  
HIST F100X ..... (3) \_\_\_\_\_  
ENGL/FL F200X ..... (3) \_\_\_\_\_

Complete one of the following three courses:

ART/MUS/THR F200X, HUM F201X OR ANS F202X ..... (3) \_\_\_\_\_

Complete one of the following six courses:

BA F323X, COMM F300X, JUST F300X, NRM F303X,  
PS F300X OR PHIL F322X ..... (3) \_\_\_\_\_

OR complete 12 credits from the above courses PLUS

- two semester-length courses in a single Alaska Native language or other non-English language OR
- three semester-length courses (9 credits) in American Sign Language taken at the university level.

### MATHEMATICS (3)

Complete one of the following:

MATH F103X, MATH F107X, MATH F161X OR STAT F200X. (3-4) \_\_\_\_\_  
*\* No credit may be earned for more than one of MATH F107X or F161X.*

OR complete one of the following\*:

MATH F200X, MATH F201X, MATH F202X,  
MATH F262X OR MATH F272X ..... (4) \_\_\_\_\_

*\*Or any math course having one of these as a prerequisite.*

### NATURAL SCIENCES (8)

Complete any two (4-credit) courses:

ATM F101X ..... (4) \_\_\_\_\_  
BIOL F100X ..... (4) \_\_\_\_\_  
BIOL F103X ..... (4) \_\_\_\_\_  
BIOL F104X ..... (4) \_\_\_\_\_  
BIOL F111X ..... (4) \_\_\_\_\_  
BIOL F112X ..... (4) \_\_\_\_\_  
BIOL F115X ..... (4) \_\_\_\_\_  
BIOL F116X ..... (4) \_\_\_\_\_  
CHEM F100X ..... (4) \_\_\_\_\_  
CHEM F103X ..... (4) \_\_\_\_\_  
CHEM F104X ..... (4) \_\_\_\_\_  
CHEM F105X ..... (4) \_\_\_\_\_  
CHEM F106X ..... (4) \_\_\_\_\_  
GEOG F205X ..... (4) \_\_\_\_\_  
GEOS F100X ..... (4) \_\_\_\_\_  
GEOS F101X ..... (4) \_\_\_\_\_  
GEOS F112X ..... (4) \_\_\_\_\_  
GEOS F120X ..... (4) \_\_\_\_\_  
GEOS F125X ..... (4) \_\_\_\_\_  
MSL F111X ..... (4) \_\_\_\_\_  
PHYS F102X ..... (4) \_\_\_\_\_  
PHYS F103X ..... (4) \_\_\_\_\_  
PHYS F104X ..... (4) \_\_\_\_\_  
PHYS F115X ..... (4) \_\_\_\_\_  
PHYS F116X ..... (4) \_\_\_\_\_  
PHYS F175X ..... (4) \_\_\_\_\_  
PHYS F211X ..... (4) \_\_\_\_\_  
PHYS F212X ..... (4) \_\_\_\_\_  
PHYS F213X ..... (4) \_\_\_\_\_

### LIBRARY AND INFORMATION RESEARCH (0-1)

Successful completion of library skills competency test OR

LS F100X or F101X prior to junior standing ..... (0-1) \_\_\_\_\_

### UPPER-DIVISION WRITING AND ORAL COMMUNICATION (0)

Complete the following:

Two writing intensive courses designated (W) ..... (0) \_\_\_\_\_  
One oral communication intensive course designated (O) ..... (0) \_\_\_\_\_

OR two oral communication intensive courses designated (O/2), at the upper-division level (see degree and/or major requirements) ..... (0) \_\_\_\_\_

**TOTAL CREDITS REQUIRED ..... 38-39**