



Dentistry

Pathway Preparation Sheet 2016-2017

Dentistry – What is it?

Dentistry is a branch of medicine involving all aspects of the oral health care. Dentists are trained to evaluate, diagnose, treat and prevent diseases and conditions of the teeth, gums and surrounding tissues.

Areas of study in Dentistry: Basic health sciences, dental anatomy, epidemiology of oral diseases, diagnosis and treatment of dental conditions and diseases, dental pharmacology, surgical procedures, orthodontics, dental restoration, dental hygiene, public health, professional ethics, clinical practice and management.

Where does my path start?

You will complete an Associate of Science-Transfer (AS-T) Track 1 at Shoreline.

Use the AS-T Track 1 **Degree Planning Guide** to understand the requirements for graduation.

A typical next step would be to complete a Bachelor's degree at a four-year school, then apply for Doctor of Dental Surgery (D.D.S.) programs during your senior year or after completing the Bachelor's degree. Although a Bachelor's degree is not required for all dental schools, very few students without a Bachelor's degree are selected for admission.

Where can I go for help?

Program Faculty Advisors

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General Academic Advising

206-546-4559
advising@shoreline.edu
FOSS (5000) Building, Rm. 5229
www.shoreline.edu/advising

International Advising

9000 Building, Rm. 9302
206-546-4697
ieadvisors@shoreline.edu
www.shoreline.edu/international/advising/

Career Planning

www.shoreline.edu/job-career-services/

For course information and entry codes, contact:

biologyadvising@shoreline.edu
chemistryadvising@shoreline.edu

Where can I transfer for a Bachelor's degree?

The AS-T makes it possible for students to transfer to public and private colleges and universities in the U.S. with junior standing (please see the AS-T Track 1 Degree Planning Guide for a list of schools) The courses recommended to prepare for a Dentistry program align well with majors in chemistry, biochemistry, and biology; however, a science-related major is not required to apply to most Dentistry programs.

Where can I study Dentistry?

The only school in Washington state that offers a Dentistry program is the [University of Washington, Seattle](http://www.uw.edu) campus.

What can I do with a degree in Doctor in Dental Surgery (DDS)?

Dentists develop skills to administer anesthetics, prescribe medicine, fill cavities, examine x-rays, extract teeth, straighten teeth and treat gum disease. While most dentists are general practitioners working in private practices, other dentists specialize in orthodontics, oral surgery, pediatric dentistry, periodontics, prosthodontics and public health. Dentists must be licensed by a state in order to practice.

Potential employers include: Private dental practice, hospitals, health care clinics, military service and other government agencies, colleges and universities. For more, please visit <http://www.shoreline.edu/counseling-services/career-counseling.aspx>.

What courses should I take?*

I. GENERAL EDUCATION REQUIREMENTS | 18 - 20 Credits

ENGL &101
 ENGL &102, &230, or CMST &101
 One course in Multicultural Understanding
 Quantitative/Symbolic Reasoning (MATH &151)

II. DISTRIBUTION REQUIREMENTS | 15 Credits

One course in Humanities
 One course in Social Sciences
 A third course in either Humanities or Social Sciences

III. PRE-MAJOR PROGRAM I 54 – 59 Credits

Science	19.5 Credits	QTR	GR	CR
CHEM 171/181	Every Quarter			6.5
CHEM 172/182	Win, Spr, Sum			6.5
CHEM 173/183	Spr, Sum, Fall			6.5

Additional Math	10 Credits	QTR	GR	CR
MATH &152	Every Quarter			5
MATH &163 or 211	Every Quarter			5

Major Science Sequences		Select any two biology, chemistry, or physics sequences from the list below.							
Biology		Algebra-Based Physics			Sequence 1	15 – 21 Credits	QTR	GR	CR
BIOL &211	Every Qtr 5 Cr.	PHYS &114	Fall	5 Cr.					
BIOL &212	Win, Sp 5 Cr.	PHYS &115	Win	5 Cr.					
BIOL &213	Spr, Sum 5 Cr.	PHYS &116	Spr	5 Cr.					
Calculus-based Physics		Chemistry			Sequence 2	15 – 21 Credits	QTR	GR	CR
PHYS &221	Fall, Win 5.5 Cr.	CHEM &241/271	Fall, Win	4/3 Cr.					
PHYS &222	Win, Spr 5.5 Cr.	CHEM &242/272	Win, Spr	4/3 Cr.					
PHYS &223	Spr, Fall 5.5 Cr.	CHEM &243/273	Spr	4/3 Cr.					
Electives -- Microbiology and Biochemistry					Electives		QTR	GR	CR
<i>These courses are not required for the AS-T degree.</i> They are prerequisites for the Dentistry School, and are often taken after transfer Dental schools may have additional required courses, such as Human Anatomy & Physiology, Microbiology, and Biochemistry. This varies by school. The University of Washington requires two microbiology courses (e.g. BIOL &260 and &277) and biochemistry (at SCC this is CHEM 255 and 256.).					BIOL &260	Every quarter			
					BIOL &277	Spr			
					CHEM 255	Win (Online)			
					CHEM 256	Spr (Online)			

More information about programs in Dentistry

Dental School Application information:

For details, see the American Dental Education Association web site: www.adea.org Annual deadline is Nov. 1 for the American Association of Dental Schools Application Service (AADSAS). It is better to apply much sooner as interviews begin in October. The Dental Application Test is required and must be taken by October 31: www.ada.org/prof/ed/testing/dat/index.asp. Preparation for dental school must also include development of personal skills and characteristics, such as interpersonal communication, multicultural understanding, leadership, and ethics. In addition it is vital that students gain experience in the dental field by volunteering and job shadowing.

University of Washington—D.D.S. Doctor of Dental Surgery

The State of Washington has one dentistry program at the University of Washington. The UW admits 55 students each year from a large and competitive group of applicants. The average overall GPA of admitted students is 3.6 with an average science GPA of 3.55 While the program does not require completion of a bachelor’s degree, most applicants do have one. The Doctor of Dental Surgery (DDS) is a four year program.

Contact information: Memory Brock, Office of Admissions, Dental School
 Phone: 206-543-5840
 E-mail: askuwsod@u.washington.edu
 Website: www.dental.washington.edu;

The Delta Delta Sigma UW student pre-dental club is open to all prospective students. Contact dental@u.washington.edu

**** This unofficial guide is intended to support you as you prepare for your pathway. Please consult with an advisor and your chosen four-year school(s), as program and admissions requirements vary and may change without notice.**