Dentistry

*Additional Education: Yes*

Dentistry is an important component of an interdisciplinary approach to health care. Dentists usually work in individual practices, but some may specialize and end up working in hospitals or other institutions. Their job involves providing yearly check-ups of their patients’ teeth, the diagnosis and treatment of dental issues, performing both necessary and cosmetic procedures, and generally managing the health and appearance of their patients’ teeth.

**Prerequisite/suggested courses for Dentistry at UBC**

As of June 2017. Minimum required grade: 70% (This is not a competitive average)

Note: All Non-KIN Electives listed are required in order to be eligible to apply to Dentistry at UBC. All Kinesiology courses are recommended, but not mandatory for completion of a BKIN. In addition to courses, students are recommended to have involvement activities in the medical field or any related position. 90 Credits must be completed by the end of the Academic year in which you are applying. Students with 4 years of University will have their worst year dropped provided that it’s 24 credits and it’s not the most recent year.

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<tr>
<th>Complementary Kinesiology Courses</th>
<th>UBC Dental Prerequisites (Non-KIN Electives)</th>
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<tr>
<td>KIN 351: Biomechanics II</td>
<td>1) English Requirement (6 credits minimum):</td>
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<td>KIN 362: Adapted Physical Activity</td>
<td>- ENGL 112 + one of ENGL 110/111/120/121</td>
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<td>KIN 367: Leisure and Disabled Persons</td>
<td>2) Chemistry Requirement (6 credits minimum):</td>
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<td>KIN 389: Neuromuscular Integration of Human Movement</td>
<td>- CHEM 111+113 (if no CHEM 12)</td>
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<td>KIN 373: Research Methods in Kinesiology</td>
<td>- CHEM 121+123</td>
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<td>KIN 371: Statistics in Kinesiology</td>
<td>3) Biology Requirement:</td>
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<td>KIN 462: Skeletal Muscle Physiology: From Generation to Regeneration</td>
<td>- BIOL 121 + BIOL 140 (with Biology 12)</td>
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<tr>
<td>KIN 475: Pulmonary Physiology of Exercise</td>
<td>- BIOL 111 + BIOL 121 + BIOL 140 (without Biology 12)</td>
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4) Organic Chemistry Requirement (6 credits min.): |
   - CHEM 203 + CHEM 213  **or**  
   - CHEM 233 + CHEM 235 + CHEM 205  

5) Biochemistry Requirement (6 credits minimum): |
   - BIOC 202 + BIOC 302  **or**  
   - BIOC 201 + BIOC 302  

* CHEM 205 PRE-REQ:  
  One of MATH 102/110/120/180/184

A comprehensive list of pre-dental requirements at UBC can be found at: [http://www.dentistry.ubc.ca/dmd/dmd-admission-procedures/](http://www.dentistry.ubc.ca/dmd/dmd-admission-procedures/).

Disclaimer: While every effort will be made to ensure that the information provided is accurate and up to date, it is the student’s responsibility to check directly with the institutions/schools they are applying to. Courses listed in this document are RECOMMENDED courses for the Dentistry program at the University of British Columbia. Other institutions/schools may have more specific/alternate requirements and it is advised that you consult their admission requirements respectively. Please see an Academic Advisor to discuss your course options.
Additional Resources

Suggested Co-Curricular Involvement

- Clinic Volunteer
- Vancouver General Hospital
- BC Children’s Hospital
- Vancouver Coastal Health Volunteer
- UBC Pre-Dental Society

Suggested Certifications

- First Aid & CPR/AED

How To Get Involved / How To Get Certified

- Vancouver Coastal Health-Volunteer
  [Link](http://www.vch.ca/get_involved/volunteer/)
- First Aid/CPR Training – Canadian Red Cross
  [Link](http://www.redcross.ca/)

Other Programs To Enhance Your Learning Experience

- Kinesiology Peer Academic Coaching (KPAC)
  [Link](http://kin.educ.ubc.ca/current-students/student-kinvolvement/kpac/)
- Athletics & Recreation: Campus Recreation
  [Link](http://www.recreation.ubc.ca/)
- Campus Life: Volunteer for Campus Events
  [Link](http://www.students.ubc.ca/campus-life/)
- Community Service Learning:
  [Link](http://www.learningexchange.ubc.ca/community_learn.html)
- Co-operative Education Program
  [Link](http://kin.educ.ubc.ca/co-op/about/)

Career Planning Tips

**ASSESS:** Self discovery
Reflect and write down your interests, values, personality traits, and skills.

**EXPLORE:** Self awareness and career options
List your top 5 priorities in each category of self assessment. Identify employment sectors based on the list.

**RESEARCH:** Gather information
Choose and gather information on 5 to 10 careers as identified above. Go online and talk to people in the industry.

**EVALUATE:** Make decisions
Identify pros and cons, required education, job trends, entrance strategies, and related occupations.

**PLAN:** Action!
Set goals and carry out strategies to experience your chosen career (e.g., volunteer, Co-op, summer work).

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