



## Medicine

*Additional Education: Yes*

**Medicine is an extremely large and diverse branch of the health care industry. Doctors may work in private practices, specialized clinics, hospitals, with professional sports teams, or in various places around the world providing medical care to local populations. Their responsibilities include the diagnosis, treatment, and management of injuries and diseases as well as overall health advice and management of their patients.**

### Pre-requisite/suggested courses for Medicine at UBC

As of June 2017. Minimum required grade: 75% for BC Residents (85% for out of province). This is not a competitive average.

Note: The following courses are recommended courses, and are not mandatory for completion of a BKIN. 90 Credits must be completed by the end of the Academic year in which you are applying (These do not include IB/AP credits). In addition to courses, students are recommended to have involvement activities in the medical field or any related position. 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.

Complementary Kinesiology Courses	UBC MED Prerequisite Courses*
KIN 351: Biomechanics II	<p><b>*UPDATE: For the 2017/18 application cycle, UBC MED no longer requires any Science courses as prerequisites, but they remain highly recommended. Two semesters of university level English are still required.</b></p> <p>1) English Requirement (6 Credits): - ENGL 112 + one of ENGL 110/111/120/121</p> <p>2) Chemistry Recommended (6 Credits): - CHEM 111+113 (if no CHEM 12) - <u>or</u> CHEM 121+123</p> <p>3) Organic Chemistry Recommended (min 6 Credits): - CHEM 203 &amp; 213 - <u>or</u> CHEM 233, 235 &amp; 213 - <u>or</u> CHEM 223, 205* &amp; 235</p> <p>4) Biology Recommended (6 Credits): - BIOL 111 (If no BIOL 12), 121</p> <p>5) Biochemistry Recommended (6 Credits): - BIOC 202 &amp; 302</p> <p>Optional Recommended: Physics, Statistics, Social Sciences</p> <p>*CHEM 205 PRE-REQ: One of MATH 102/110/120/180/184</p>
KIN 362: Adapted Physical Activity	
KIN 367: Leisure and Disabled Persons	
KIN 389: Neuromuscular Integration of Human Movement	
KIN 390: Human Functional Musculoskeletal Anatomy	
KIN 462: Skeletal Muscle Physiology: From Generation to Regeneration	
KIN 475: Pulmonary Physiology of Exercise	
KIN 473: Neuroanatomy of Human Movement	

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## Additional Resources

Suggested Co-Curricular Involvement	Suggested Certifications
Clinic Volunteer	First Aid & CPR/AED
Vancouver General Hospital	
BC Children's Hospital	
Vancouver Coastal Health Volunteer	
UBC Pre-Med Society	

How To Get Involved / How To Get Certified	Other Programs To Enhance Your Learning Experience
Vancouver Coastal Health-Volunteer <a href="http://www.vch.ca/get-involved/volunteer/">http://www.vch.ca/get-involved/volunteer/</a>	Kinesiology Peer Academic Coaching (KPAC) <a href="http://kin.educ.ubc.ca/current-students/student-kinvolvement/kpac/">http://kin.educ.ubc.ca/current-students/student-kinvolvement/kpac/</a>
UBC Pre-Med Society <a href="http://ubcpremed.weebly.com/">http://ubcpremed.weebly.com/</a>	Athletics & Recreation: Campus Recreation <a href="http://www.gothunderbirds.ca/">http://www.gothunderbirds.ca/</a>
First Aid/CPR Training – Canadian Red Cross <a href="http://www.redcross.ca/">http://www.redcross.ca/</a>	Campus Life: Volunteer for Campus Events <a href="http://www.students.ubc.ca/campus-life/">http://www.students.ubc.ca/campus-life/</a>
	Community Service Learning: <a href="http://www.learningexchange.ubc.ca/community_learn.html">http://www.learningexchange.ubc.ca/community_learn.html</a>
	Co-operative Education Program <a href="http://kin.educ.ubc.ca/co-op/about/">http://kin.educ.ubc.ca/co-op/about/</a>

Career Planning Tips
<p><b>ASSESS: Self discovery</b> <i>Reflect and write down your interests, values, personality traits, and skills.</i></p> <p><b>EXPLORE: Self awareness and career options</b> <i>List your top 5 priorities in each category of self assessment. Identify employment sectors based on the list.</i></p> <p><b>RESEARCH: Gather information</b> <i>Choose and gather information on 5 to 10 careers as identified above. Go online and talk to people in the industry.</i></p> <p><b>EVALUATE: Make decisions</b> <i>Identify pros and cons, required education, job trends, entrance strategies, and related occupations.</i></p> <p><b>PLAN: Action!</b> <i>Set goals and carry out strategies to experience your chosen career (e.g., volunteer, Co-op, summer work).</i></p>

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