



Health Careers Advising



US and Canadian M.D. Programs that Require 5 Chemistry Courses

www.brown.edu/go/healthcareers

NOTES:

- A growing number of US M.D. programs require a semester of Biochemistry (45). Most other M.D. programs highly recommend a semester of Biochemistry. Biochemistry is an essential part of the new MCAT
- A number of M.D. programs require a 5-course sequence in chemistry. If a school or schools to which you are applying requires the 5-course sequence you must complete CHEM 0330, CHEM 0350, CHEM 0360, BIOL 0280 and 1 more semester of General Chemistry with Lab (CHEM 0400, or CHEM 0500 at Brown). If you started with CHEM 0100 and proceeded to take CHEM 0330, CHEM 0350, CHEM 0360, BIOL 0280 you should have met the 5-course sequence requirement. The typical 4-course Chemistry sequences at Brown are detailed on our website.
- Prioritize the 4-course sequence in your planning and take any additional course you may need for your state or dream school(s) toward the end of your undergraduate studies.
- This information was compiled from MSAR Online and individual MD program websites in September 2016. MSAR Online is updated every spring. Always consult MSAR Online for individual school requirements as you build your school list.

U.S. M.D. PROGRAMS

SCHOOL NAME		GEN CHEM	ORG CHEM	BIOCHEM
5 courses	Loma Linda University College of Medicine	2	2	1
5 courses	Louisiana State University School of Medicine in New Orleans	2	2	1
5 courses	Marshall University- Joan C. Edwards School of Medicine	2	2	1
5 courses	Mayo Medical School	2	2	1
5 courses	Michigan State University College of Human Medicine	2	2	1
5 courses	Ohio State College of Medicine	2	2	1
5 courses	Texas A&M Health Science Center College of Medicine	2	2	1
5 courses	Texas Tech University Health Sciences Center Paul L. Foster School of Medicine	2	2	1
5 courses	Texas Tech University Health Sciences Center- Lubbock	2	2	1
5 courses	The University of Texas Health Science Center- San Antonio	2	2	1
5 courses	University of Hawai'i- John A. Burns School of Medicine	2	2	1
5 courses	University of Kentucky College of Medicine	2	2	1
5 courses	University of Nebraska Medical Center	2	2	1
5 courses	University of Nevada School of Medicine	2	2	1
5 courses	University of New Mexico-HSC School of Medicine	2	2	1
5 courses	University of Utah School of Medicine	2	2	1
5 courses	Wayne State University School of Medicine	2	2	1

CANADIAN M.D. PROGRAMS

SCHOOL NAME		GEN CHEM	ORG CHEM	BIOCHEM
University of Alberta Faculty of Medicine & Dentistry		2	2	1
University of British Columbia Faculty of Medicine		2	2	2
University of Calgary College of Medicine		2	2	2
University of Manitoba Faculty of Medicine				2
University of Ottawa Faculty of Medicine		2	2	2
University of Saskatchewan College of Medicine		1	1	2
Faculté de Médecine de l'Université Laval		1	1	1