

# MINOR IN MEDICINAL CHEMISTRY

## At a Glance

### Faculty

[www.kpu.ca/science](http://www.kpu.ca/science) (<http://www.kpu.ca/science/>)

### Area of Study:

[www.kpu.ca/science/chemistry](http://www.kpu.ca/science/chemistry) (<http://www.kpu.ca/science/chemistry/>)

### Academic Level:

Undergraduate

### Credential Granted:

Minor

### Start Date:

Fall (September)

Spring (January)

Summer (May)

### Intake Type:

- Open

### Minimum Credits Required:

48

### Curriculum Effective Date:

01-Sep-2017

Intakes for this program have been postponed indefinitely.

## Description

This minor may be applied towards any KPU bachelor's degree.

## Requirements

### Admission Requirements

Students pursuing a Minor in Medicinal Chemistry must be admitted to KPU for undergraduate studies.

### Declaration Requirements

Students pursuing this minor must declare their intention prior to graduation. A minor may only be declared as part of a bachelor's degree.

### Curricular Requirements

The Minor in Medicinal Chemistry requires completion of 18 credits of upper-level CHEM courses.

Additionally, up to 30 credits of lower-level prerequisite courses in CHEM, MATH and PHYS may be required, depending on the student's academic background.

Code	Title	Credits
<b>Lower-Level Prerequisites</b>		
CHEM 1210	Chemical Energetics and Dynamics	4
CHEM 2315	Analytical Chemistry	4
CHEM 2320	Organic Chemistry I	4
CHEM 2420	Organic Chemistry II	4
Select one of the following:		3
MATH 1120	Differential Calculus	
MATH 1130	Calculus for Life Sciences I	
MATH 1140	Calculus I (Business Applications)	
MATH 1220	Integral Calculus	3
or MATH 1230	Calculus for Life Sciences II	
PHYS 1101	Physics for Life Sciences I	4
or PHYS 1120	Physics for Physical and Applied Sciences I	
PHYS 1102	Physics for Life Sciences II	4
or PHYS 1220	Physics for Physical and Applied Sciences II	
<b>Upper-Level Requirements</b>		
CHEM 3320	Natural Products Chemistry	4
CHEM 4320	Drug Discovery, Design & Development	4
CHEM 4330	Modern Alchemy	3
CHEM 4399	Current Topics in Medicinal Chemistry	3
CHEM 4610	Instrumental Analysis	4
<b>Total Credits</b>		<b>48</b>

## Credential Awarded

Upon successful completion of the minor as part of a bachelor's degree program, transcripts will indicate a **Minor in Medicinal Chemistry**.