Schulich School of Medicine & Dentistry and Faculty of Science

NEW CALENDAR COPY
http://www.westerncalendar.uwo.ca/2013/pg717.html

MAJOR IN PATHOLOGY
This Major can be completed only in combination with another Major (double Majors) in a Bachelor of Medical Sciences (BMSc) degree. See BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM for more information.

Admission Requirements for September 1, 2013:
Completion of first-year requirements, including a mark of at least 60% in each of the 3.0 principal courses below:
1.0 course: Biology 1001A* and 1002B*
1.0 course: Chemistry 1100A/B and 1200B
1.0 course from: Applied Mathematics 1201A/B, 1413, Calculus 1000A/B or 1500A/B or the former Calculus 1100A/B, Calculus 1301A/B or 1501A/B, Mathematics 1600A/B, 1228A/B, 1229A/B, Statistical Sciences 1024A/B

* Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.

1.0 course in Physics must be completed by the end of Year 2 and a minimum mark of 60% must be achieved in each of two courses, as follows:
0.5 course from: Physics 1028A/B, 1301A/B, 1501A/B
0.5 course from: Physics 1029A/B, 1302A/B, 1502A/B

For students admitted to Western in September 2013 and onward, admission to the Major in Pathology will not occur until Year 3 since admission to BMSc degrees will not occur until Year 3.

Admission Requirements for students admitted to Year 1 in September 2013 and onward:
Admission to this Major module occurs in Year 3 and requires admission to double Majors in a Bachelor of Medical Sciences (BMSc) degree. Students will usually complete the MEDICAL SCIENCES FIRST ENTRY PROGRAM (Medical Sciences 1 and 2) prior to admission to the BMSc Program.

The 1000-level half courses listed below must each be completed with a mark of at least 60%:

1.0 course: Biology 1001A* and 1002B*
1.0 course: Chemistry 1301A/B and 1302A/B
0.5 course from: Calculus 1000A/B, 1500A/B
0.5 course from: Applied Mathematics 1201A/B, Calculus 1301A/B, 1501A/B, Mathematics 1600A/B
0.5 course from: Physics 1028A/B, 1301A/B, 1501A/B
0.5 course from: Physics 1029A/B, 1302A/B, 1502A/B

* Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.

The courses below must each be completed with a minimum mark of 60% prior to admission to the Major module in Year 3. These courses will also be used towards the module requirements. See ADMISSION TO THE BACHELOR OF MEDICAL SCIENCES (BMSc) PROGRAM and MODULES OFFERED IN THE BMSc PROGRAM for additional requirements (averages, course load, etc.):
0.5 course: Biochemistry 2280A
0.5 course: Biology 2382B
0.5 course from: Biology 2244A/B, Chemistry 2213A/B, Statistical Sciences 2244A/B

Module
6.0 courses:
1.0 course: Biochemistry 2280A, Biology 2382B
0.5 course from: Biology 2244A/B, Chemistry 2213A/B, Statistical Sciences 2244A/B
1.0 course from: Anatomy and Cell Biology 3309, 3319

1.0 course: Physiology 3120
1.5 courses: Pathology 3240A, 3245B, 4400A/B
1.0 course from: Medical Health Informatics 4100F, 4110G, Medical Sciences 4100F/G, Microbiology and Immunology 2500A/B, Pathology 4200A/B, 4500B, Physiology 3140A, the former Pathology 4100F, 4110G

Note: Some modular courses include a mark/average requirement in their prerequisite(s). See UNDERGRADUATE COURSE INFORMATION.

NEW CALENDAR COPY
http://www.westerncalendar.uwo.ca/2013/pg698.html

HONORS SPECIALIZATION IN MEDICAL BIOPHYSICS (BIOLOGICAL SCIENCE CONCENTRATION)
This module can be completed only within a Bachelor of Science (BSc) Honors degree.

Admission Requirements
Completion of first-year requirements (5.0 courses) with no failures. Students must have an average of at least 70% in the following 4.0 principal courses, with no mark below 60% in any of these courses:

1.0 course: Biology 1001A* and 1002B*, or the former Biology 1222 or 1223
1.0 course from: Chemistry 1301A/B and 1302A/B or the former 1100A/B and 1200B, or the former Chemistry 1050
0.5 course from: Calculus 1000A/B, 1500A/B, the former 1100A/B
0.5 course from: Calculus 1301A/B, 1501A/B
0.5 course from: Physics 1028A/B, 1301A/B, 1501A/B
0.5 course from: Physics 1029A/B, 1302A/B, 1502A/B

* Biology 1201A with a mark of at least 70% may be used in place of Biology 1001A, and Biology 1202B with a mark of at least 70% may be used in place of Biology 1002B.

Module
9.5 courses:
0.5 course: Biochemistry 2280A
1.0 course from: Biology 2290F/G, 2382B, 2581B
0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B, the former Statistical Sciences 2122A/B
0.5 course: Chemistry 2213A/B
0.5 course: Computer Science 2035A/B
3.0 courses: Medical Biophysics 3330F/G, 3501F, 3503G, 3505F, 3507G, 3970Z
1.0 course: Physiology 2130
1.0 course from: Medical Biophysics 4455A/B, 4467A/B, 4475A/B, 4535A/B
1.5 courses: Medical Biophysics 4970E (Research Project = 1.5 courses)