Honours Physics (Medical Physics with Thesis) with Co-op

November 8, 2026 · Undergraduate Calendar, Winter 2027

University of Windsor

Student name _____

Student ID _____ Year ☐ First ☐ Second ☐ Third ☐ Fourth

Telephone _____ Email _____

REQUIREMENTS: FORTY-THREE (43) COURSES

1. Twenty-one Physics courses
2. Six mathematics and statistics courses
3. Five chemistry and biochemistry courses
4. Two computer science courses
5. One biology course
6. Three co-op work terms
7. Two courses in arts, humanities and social sciences
8. Three courses from any area of study

STANDING REQUIRED

	CUMULATIVE	MAJOR
To continue	65%	65%
To graduate	65%	70%

AREA	COURSES TOWARD THE DEGREE	COURSES
Physics Major average	☐ **PHYS-1400** ☐ **PHYS-1410** ☐ **PHYS-1500** ☐ **PHYS-2200** ☐ **PHYS-2210** ☐ **PHYS-2500** ☐ **PHYS-3100** ☐ **PHYS-3200** ☐ **PHYS-3210** ☐ **PHYS-3500** ☐ **PHYS-3700** ☐ **PHYS-3900** or **PHYS-3910** ☐ **PHYS-4100** ☐ **PHYS-4130** ☐ **PHYS-4700** ☐ **PHYS-4710** ☐ **PHYS-4900** (Fall) ☐ **PHYS-4900** (Winter) ☐ PHYS 3XXX/4XXX _____ ☐ PHYS 3XXX/4XXX _____ ☐ PHYS 3XXX/4XXX _____	**21**
Mathematics and statistics	☐ **MATH-1250** or **MATH-1260** ☐ **MATH-1720** or **MATH-1760** ☐ **MATH-1730** ☐ **MATH-2780** ☐ **MATH-2790** ☐ **MATH-3550**	**6**
Chemistry and biochemistry	☐ **BIOC-2010** or **BIOC-2015** ☐ **CHEM-1100** ☐ **CHEM-1110** ☐ **CHEM-2300** or **CHEM-2305** ☐ **CHEM-2400**	**5**
Computer science	☐ **COMP-1400** ☐ **COMP-1410**	**2**
Biology	☐ **BIOL-1101**	**1**
Co-op work terms	☐ **PHYS-2980** ☐ **PHYS-3980** ☐ **PHYS-4980**	**3**
Arts, humanities and social sciences	☐ _____ ☐ _____ The University counts every economics (ECON) course as a social science or humanities course.	**2**
Any area of study	☐ _____ ☐ _____ ☐ _____	**3**
Total		**43**

NOTES

- Only students who have maintained a major average of 70% and a cumulative average of 60% will be permitted to enrol in PHYS-4900.
- Students must maintain major and cumulative averages of 65% or better to qualify for Co-op placements.
- Recommended courses: Students who intend to take additional mathematics courses are advised to take MATH-1020 in first year. COMP-2120 is recommended. COMP-3400 and ELEC-2170 or COMP-2650 are strongly recommended. Students planning to pursue health professions other than Medical Physics should seek advice from an academic advisor in the Department of Physics within the first year.
- For a career in medical physics, the versions without the lab (CHEM-2305, BIOC-2015) are completely acceptable. The Department of Chemistry and Biochemistry recommends the versions with the lab, and a medical professional school will almost certainly want to see one on a transcript, so a student thinking of another career in medicine should take those.
- A student may count at most fourteen 1000-level courses toward the degree (Senate Policy on Senior-Level Course Requirements). Please be careful with course selection.