DEPARTMENT OF PHYSICS · ADVISING FORM

Honours Physics (Medical Physics with Thesis)

November 8, 2026 · Undergraduate Calendar, Winter 2027

University of Windsor

Student name _____

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

Telephone _____ Email _____

REQUIREMENTS: FORTY (40) 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. Two courses in arts, humanities and social sciences
7. Three courses from any area of study

STANDING REQUIRED

	CUMULATIVE	MAJOR
To continue	60%	60%
To graduate	60%	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**
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		**40**

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.
- 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.