



So, you want to go to Medical School?

Get the Physics *edge*.

BS Physics with Pre-Med Concentration

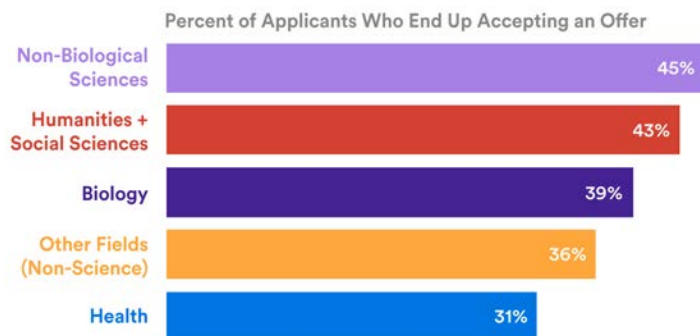
- Did you know that physics majors have among the highest scores on the MCAT?
- Did you know that the highest acceptance rates for medical school are physical science majors?
- Our BS Physics Pre-Med concentration provides focused preparation for the MCATs and medical school applications.
- Our curriculum has all the advantages of a strong preparation in physics—including advanced training in math, computation, data analysis, modeling, experimentation, & problem solving.
- In place of selected physics & math courses, you would take the necessary biology, chemistry, biochemistry, and psychology courses.
- A course in **Radiation and Medical Physics** will teach you about the physics-based diagnostic and treatment tools used by physicians.
- Our **Medical Physics Seminar** course takes place at Mountainside Hospital, where you will have the chance to *learn directly from medical professionals in a real hospital setting*.
- Physics is a difficult major, and you will need to do well to get into Med School. But if you are passionate about understanding how the world works, this may be the option for you.
- Our department provides small classes and individual attention. Our faculty and students form a community that will help you succeed.

Average MCAT Scores* by Selected Majors, 2012

	Physical Science	Biological Science	Verbal Reasoning	Number of Applicants
Economics	10.8	10.8	9.9	633
Physics	11.1	10.4	9.8	228
Biomedical Engineering	11.1	10.6	9.6	1,147
Mathematics	10.6	10.4	9.3	340
Electrical Engineering	10.9	10.1	9.4	135
Neuroscience	10.1	10.6	9.5	1,615
English	9.6	10.1	10.2	380
Biochemistry	10.1	10.4	9.0	2,864
Chemistry	9.5	10.0	9.0	2,113
Microbiology	9.2	10.1	8.8	759
Psychology	9.1	9.6	9.1	2,327
Biology	9.0	9.7	8.7	13,605
Premedical	8.3	8.9	8.1	587
All Majors	9.5	9.9	9.0	44,464

Who Gets Into Medical School?

MATRICULATION RATE OF MD APPLICANTS BY UNDERGRADUATE MAJOR





What else can I do with physics?

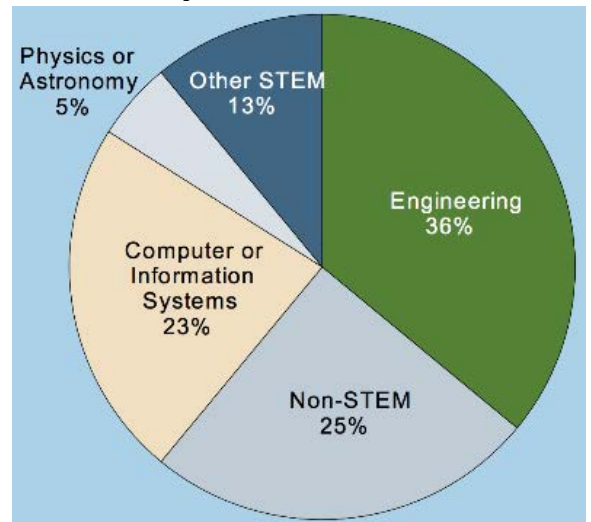
Besides great prep for Med School, Physics teaches you advanced math, computing, data analysis, writing/presentation skills, experimental techniques, & appreciation for how the natural world works. You will be prepared for careers in:

- Engineering and Manufacturing
- Computer Programming/Software Design
- Finance & Management Consulting
- Defense & Aerospace Industry
- Law & Government
- Journalism/Science Writing
- Science Teaching
- Physics/Astronomy Research
- Graduate study in Physics, Astronomy, Math, & Engineering.

Physics bachelors 1-year after graduating



New graduates employed in the private sector

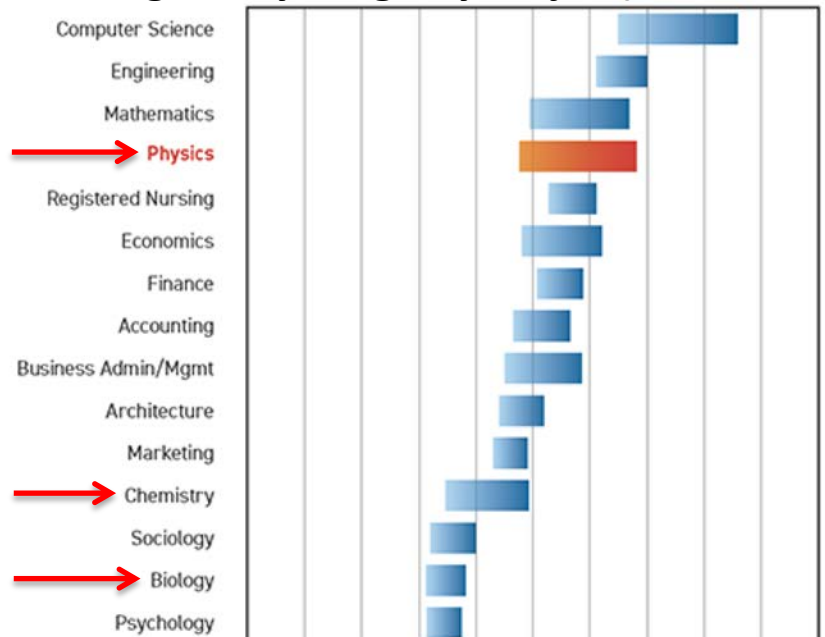


Learn more at:

montclair.edu/physics-astronomy

Contact: Dr. Marc Favata, Chairperson
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Starting salary range by major (class of '18)



[Charts from AIP Statistical Research Center]