

Bachelors Degrees in Physics: What you didn't know













Job Stability & Satisfaction



Based on national surveys of students with bachelor's degrees in physics

- High employment rates (95%)
- High job satisfaction in terms of
 - Feelings of job security
 - 75% to 93% (depending on sector) felt secure
 - Overall satisfaction
 - 71% to 90% (depending on sector) felt a sense of satisfaction



Job Opportunities



Flexible options and sectors including:

- National Labs
- Professional Schools (e.g. Medicine, Health)
- Environmental/Climate Science, Energy
- Space Science
- Government/Policy
- Public Administration, Business
- Communication (e.g. Science Writing, Media)
- Education (e.g. High School, College/University)
- Engineering, Computing
- Arts (e.g. Music, Television)
- Not-for-Profit Organizations
- Graduate Studies (e.g. multiple STEM disciplines)
 STEPUPphysics.org



Job Opportunities



- On the MCAT (Medical College Admission Test), which major from amongst the following gets the highest scores? Lowest scores?
- A. Biology B. Psychology C. Chemistry D. Physics E. Engineering
- On the LSAT (Law School Admission Test), which major from amongst the following gets the highest scores? Lowest scores?
- A. Biology B. Psychology C. Chemistry D. Physics E. Engineering



Surprising Facts: Medicine



- Physics Majors and Medical School
 - Physics majors get very high scores on the MCATs

	Physical Science	Biological Science	Verbal Reasoning
Economics	10.8	10.8	9.9
Physics	11.1	10.4	9.8
Biomedical Engineering	11.1	10.6	9.6
Mathematics	10.6	10.4	9.3
Electrical Engineering	10.9	10.1	9.4
Neuroscience	10.1	10.6	9.5
English	9.6	10.1	10.2
Biochemistry	10.1	10.4	9.0
Chemistry	9.5	10.0	9.0
Microbiology	9.2	10.1	8.8
Psychology	9.1	9.6	9.1
Biology	9.0	9.7	8.7
Premedical	8.3	8.9	8.1
All Majors	9.5	9.9	9.0



Surprising Facts: Law



- Physics Majors and Law School
 - Physics majors get very high scores on the LSATs

Scores on LSAT by major			
Degree Field	Average Score		
Mathematics	162.2		
Physics	162.1		
Economics	159.1		
Engineering	157.3		
Chemistry	156.7		
History	156.7		
English	155.8		
Biology	155.2		
Political Science	154.3		
Psychology	153.3		
Computer Sci	152.3		
Pre-Law	149.0		
Criminal Justice	145.6		
All Majors	153.6		
Law			

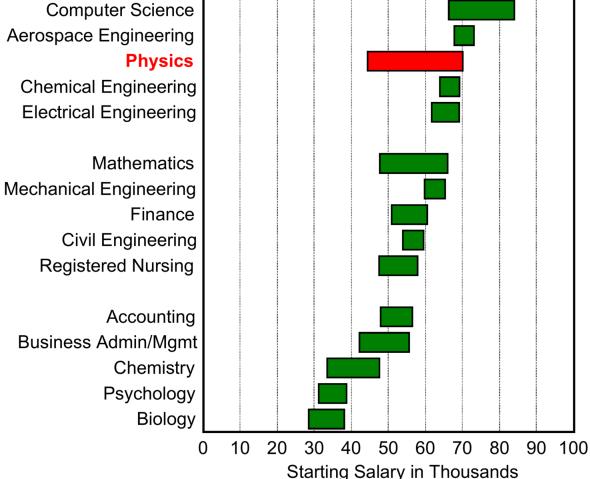


Surprising Facts: Salaries



- Physics Majors and Earnings
 - Physics bachelors earn comparatively more

Bachelor's Field





Surprising Facts: Helping Society



Physics Majors Help Others

- Improving people's health
 - Diagnosis and treatment of illness, for example:
 - Cancer treatment using radiation, new nanobot technology to target individual cancer cells
 - Body imaging using X-rays, ultrasound, NMR and PET scans
 - New methods using infrared light to monitor our blood
- Addressing environmental issues
 - Energy needs and climate change effects, for example:
 - New renewable energy technology
 - Climate change effects on humans, animals (e.g. penguin populations), and land (size of the Sahara Desert)
 - Environmentally friendly transportation methods
- And many more...



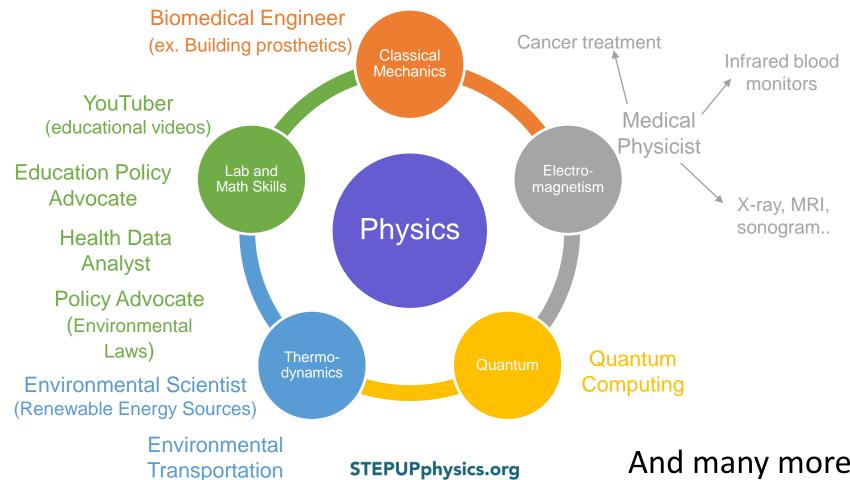


Surprising Facts: Helping Society

Scientist



Careers that help use physics knowledge!



Summary



Students who earn a degree in physics:

- Have high employment and job satisfaction
- Work in many different sectors (STEM/non-STEM)
- Gain skills that give them a competitive edge for Medical and Law School
- Earn comparatively higher salaries than most other bachelor's degrees
- Have the opportunity to help society in substantial ways



Exit Slip



What surprised you about the:

- Areas in which physicists work?
- Skills physicists apply working in such diverse areas?
- Benefit physicists can have on the lives of others?



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