Your Pathway to ENGINEERING & So Much More

PHYSICS

TEXAS LUTHERAN UNIVERSITY
Physics graduates gain valuable skills graduate schools and employers want and need:

- Superior problem-solving abilities
- Unique set of technical skills
- Ability to decipher complicated information
- Advanced mathematics proficiency
- Enhanced comprehension of how things work and why

Can I Become an Engineer with a Bachelor’s Degree in Physics?

We have an outstanding record of our graduates being accepted into well-known graduate engineering programs and finding gainful employment with their bachelor’s degree.

“I was prepared to put in extra time out of class for my graduate studies because the professors at TLU expected us to work hard and give 110% to our major. The graduate material is not any more difficult than what I had been learning in undergrad. Mechanical engineering is an easy transition from physics.”

– Derek Kanas 2014 TLU Physics Major, Graduate Student at Texas A&M Mechanical Engineering

The MCAT & LSAT Advantage

Interested in medicine or law? Physics bachelor’s degree recipients achieve among the highest scores of any college major on the entrance exams for medical school and law school.*

- Average LSAT score for Physics majors outranks Political Science, Pre-Law & Criminal Justice majors
- Average MCAT score for Physics majors outranks Electrical Engineering, Neuroscience, Biology and Pre-Med majors**

Source: AIP Statistical Research Center www.aip.org/statistics
* Source: Compiled by the Statistical Research Center based on data collected by the Law School Admission Council
** Source: Compiled by the Statistical Research Center based on data collected by the Association of American Medical Colleges
I Have a Bachelor’s Degree in Physics

WHAT’S NEXT?

50% GRADUATE STUDY

61% PURSUE PHYSICS OR ASTRO NOMY in their graduate studies.

18% PURSUE ENGINEERING in their graduate studies.

21% PURSUE MATH, MEDICINE, EDUCATION, PHYSICAL SCIENCE, COMPUTER SCIENCE, LAW, BUSINESS or HUMANITIES in their graduate studies.

MCAT & LSAT Physics bachelor’s degree recipients achieve among the highest scores on the MCAT & LSAT.

50% EMPLOYMENT

PRIVATE SECTOR

The majority of employment for physics bachelor’s degree holders is in the private sector, and over half work in the fields of ENGINEERING or COMPUTER SCIENCE.

75% STEM

Almost 75% of all employed physics graduates are working in STEM (Natural Science, Technology, Engineering and Medicine) fields.

65K STARTING SALARY

Physics majors earn the highest starting salary among math & science majors.*

61% Pursue physics or astronomy in their graduate studies.

18% Pursue engineering in their graduate studies.

21% Pursue math, medicine, education, physical science, computer science, law, business or humanities in their graduate studies.

Did You Know These Famous People Have a Degree in Physics?

David X. Cohen
Futurama Screenwriter & Executive Producer
Physics, University of California, Berkeley

Jonathan Edwards
Triple-Jump World Record Holder
Physics, Durham University, Van Mildert College

Angela Merkel
German Chancellor
Ph.D. Physics, University of Leipzig

Brian May
Lead Guitarist of Queen
Ph.D. Astrophysics, Imperial College, London

Source: AIP Statistical Research Center www.aip.org/statistics

* Source: USA Today “The 5 highest paying degrees of 2015” January 2015

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CAREER OPPORTUNITIES

For Job Seekers with a Bachelor’s Degree in Physics

Computer Hardware & Software
Analyst
IT Consultant
Programmer
Software Engineer
Systems Analyst
Technical Support Staff
Web Developer

Education
Physics Teacher
Science Teacher

Research & Technical
Accelerator Operator
Lab Assistant
Lab Technician
Physical Sciences Technician
Research Assistant
Research Associate
Research Technician

Engineering
Application Engineer
Associate Engineer
Design Engineer
Development Engineer
Electrical Engineer
Engineering Technician
Field Engineer
General Engineer
Laser Engineer
Manufacturing Engineer
Manufacturing Technician
Mechanical Engineer
Optical Engineer
Process Engineer
Process Technician
Product Engineer
Product Manager
Project Engineer
Research Engineer
Systems Engineer
Technical Services Engineer
Test Engineer

Source: American Institute of Physics (AIP) Career Pathways Project, funded by the National Science Foundation

PREPARE FOR THE CAREER YOU WANT WITH TLU’S PHYSICS PROGRAM

• Our Flexible Curriculum offers a broad range of options tailored to your education.
• Hands-On Learning in a variety of high-quality lab courses.
• Faculty Mentored, Independent Research Opportunities as early as your freshman year.
• Professional Communication Skills are developed as part of physics coursework.
• Support for a Strong Student Learning Community through a nationally recognized chapter of the Society of Physics Students.
• Civic Engagement Opportunities through science outreach activities.
• TLU’s Faculty and Staff are Committed to the success of every student at all levels, regardless of career goals.

Expand Your Opportunities for a Great Career with a Bachelor’s Degree in Physics.

For more information, visit www.tlu.edu/physics or contact Dr. Toni Sauncy, Physics Department Chair, at 830.372.6904 or tsauncy@tlu.edu.

Schedule a visit to tour campus and meet with a professor at www.tlu.edu/visit-physics.