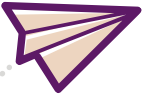


BACHELOR OF SCIENCE IN PHYSICS



CONCENTRATION IN APPLIED PHYSICS



ABOUT THE MAJOR/ CONCENTRATION

The Bachelor of Science in Physics with a concentration in Applied Physics is designed to introduce the major branches of physics to those seeking double degrees and for those preparing for professions other than physics. Applied physics is a general term for physics which is intended for a particular technological or practical use. It is usually considered as a bridge or a connection between "pure" physics and engineering.

"Applied" is distinguished from "pure" by a subtle combination of factors, such as the motivation and attitude of researchers and the nature of the relationship to the technology or science that may be affected by the work. It usually differs from engineering in that an applied physicist may not be designing something in particular, but rather is using physics or conducting physics research with the aim of developing new technologies or solving an engineering problem.



SKILLS



Mathematical Reasoning



Problem-Solving



Ability to Interpret Data



Critical Thinking



POTENTIAL CAREER OPPORTUNITIES

- Astronomer*
- Astrophysicist*
- Atomic, Molecular, Optics Physicist*
- Chemical Physicist*
- Computer Scientist*
- Engineering Physicist*
- Geophysicist*
- Government Researcher
- Medical Physicist*
- Nuclear Physicist*
- Space Physicist*
- STEM Educator*

*Additional education/certification may be required

COMMON CAREER AREAS FOR THIS MAJOR

Research & Development

Data & Analytics

Biophysics

Geophysics

Chemical Physics

Engineering Physics

STEM Education



ADD TO YOUR RESUME

✓ Do volunteer work

Did you know UNLV has programs, student groups, and academic service-learning opportunities for you to join?

View more information here: unlv.edu/service

✓ Get part-time job or internship

A part-time, temporary, and summer job or internship can help you increase your confidence as you develop your skills and add experiences to your resume.

✓ Join a student organization

Students are encouraged to get involved with these groups early on!

- UNLV Scientista Foundation
- Institute of Electrical and Electronics Engineers at UNLV
- American Institute of Aeronautics and Astronautics
- Alliance of Non-Traditional Students (ANTS)
- KindUp

Find more than 350 student organizations at: involvementcenter.unlv.edu



MEDIAN SALARIES AND PROJECTED EMPLOYMENT

	2018 Local Median Salary (Las Vegas, NV)	2018 National Median Salary	Annual Projected Job Openings in US (2016-2026)
Bioinformatics Scientists	\$76,230	\$79,590	3,700
Geophysical Data Technicians	\$54,260	\$53,300	1,900
Environmental Engineering Technicians	\$50,560	\$65,480	1,700
Computer Systems Analysts	\$81,940	\$88,740	44,900
High School Teachers	\$56,140	\$60,320	79,500

www.careeronestop.org (Website is sponsored by the US Dept. of Labor)



EXTERNAL RESOURCES

Job Search Websites

- glassdoor.com
- indeed.com
- idealist.org (non-profit jobs)
- simplyhire.com

Career Information

- bls.gov/oo
- careeronestop.org
- onetonline.org

Salary Information

- glassdoor.com/salaries
- payscale.com

UNLV COLLEGE OF SCIENCES

The College of Sciences Advising Center seeks to proactively mentor, support, and empower students to achieve their personal and professional goals.

702-895-2077

sci.advising@unlv.edu

MPE-A, Rm. 130

unlv.edu/sciences/advising

UNLV CAREER SERVICES

Career Services is your source for resume building, interview preparation, and a wide variety of job and internship opportunities to get you started on your path to career success.

702-895-3495

careerservices@unlv.edu

SSC-A, Rm. 201

unlv.edu/careerservices