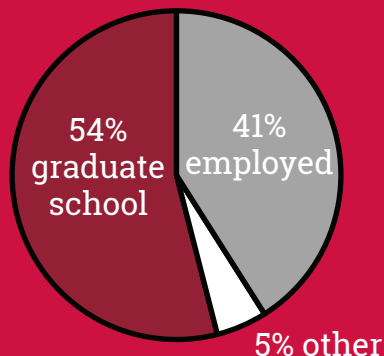


PHYSICS MAJORS EARN JOBS



within one year of graduating, according to an AIP survey of 4,886 grads from US universities in 2013 & 2014

Common Job Titles of Physics Majors

Electrical Engineer
Business Analyst Researcher
Programmer
Product Engineer **Data Analyst**
High School **Project Manager**
Science Teacher IT Consultant
Software Developer **Mechanical Engineer**
Investment Associate
Assistant Scientist Systems Engineer



Physics majors earn on average the second-highest scores on the MCAT and LSAT compared to all undergraduate majors!

Interested in a
Physics major?

CONTACT A MAJOR ADVISOR

Prof. Jan Egedal
3275 Chamberlin Hall
608.262.3628
egedal@wisc.edu

Prof. Deniz Yavuz
5320 Chamberlin Hall
608.263.9399
yavuz@wisc.edu

Prof. Dan McCammon
6207 Chamberlin Hall
608.262.5916
mccammon@physics.wisc.edu

FOR MORE INFORMATION:

www.physics.wisc.edu
info@physics.wisc.edu
(608) 262-4526
2320 Chamberlin Hall
🐦 📷 @UWMadPhysics



Why Physics?

A GUIDE FOR STUDENTS
INTERESTED IN
MAJORING IN PHYSICS AT
THE UNIVERSITY OF
WISCONSIN-MADISON



Department of Physics
COLLEGE OF LETTERS & SCIENCES
UNIVERSITY OF WISCONSIN-MADISON

WHY PHYSICS?

Roughly speaking, physics is to the inanimate world what philosophy is to the patterns of human thought. We observe, describe, predict, synthesize, and abstract. At one time, in fact, Physics was natural philosophy.

But in the modern era, the two have parted ways. Science has adopted its own approach to the truth, asserting that measurement is the precise form of questioning and that precise questioning is the beginning of understanding.

Physics is the science of the properties of matter, radiation, and energy in all forms. As such, it is the most fundamental of the sciences. It provides the underlying framework for the other physics sciences and engineering, and for understanding physics processes in biological and environmental sciences.

5 REASONS TO MAJOR IN PHYSICS

1

Intellectual Satisfaction

Physics satisfies our deep desire to understand how the universe works

2

Intellectual Challenge

Physicists move past a descriptive approach of how the world works into how and why

3

New Technologies + Expertise

Physics Today's physics are tomorrow's tech advances, and physicists are at the forefront

4

Flexibility

Physicists learn to think and apply knowledge to quickly adapt to solve problems

5

Physics is Analytical and Quantitative

Analytical reasoning and quantitative analysis are essential for the success of most pursuits

PHYSICS MAJORS CONNECT

Great science stems from strong collaboration, and Physics majors know this as well as any students on campus! Our majors take advantage of the many professional development, social, and outreach opportunities available within the department.



Physics Club

Study, network,
and explore
with other
Physics
undergrads

Hone your
teaching skills
by tutoring
students in Intro
Physics



Physics Learning Center



GMaWiP

Career
development,
mentorship and
advocacy for
Gender
Minorities and
Women in
Physics

Share the
excitement of
Physics with a
wider audience

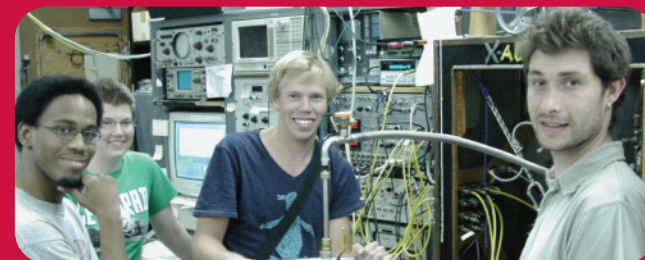


Physics Outreach

PHYSICS MAJORS DO RESEARCH

Direct experience with ongoing research is one of the most important parts of a Physics major's education. It is a good way to find out what working in Physics is actually like, and it is an entirely different experience from coursework.

From atomic to astronomical, from theory to experiment, there are many opportunities for undergraduates to conduct research! We offer both paid and for-credit research opportunities.



"Working with the amazing graduate students and scientists in my lab was a true inspiration, and helped me to decide what I wanted to do in graduate school and beyond."

Megan Tabbutt '18

PHYSICS IS A GREAT DOUBLE MAJOR

UW-Madison Physics majors have graduated with double majors in:



Astronomy



AMEP



Engineering



Mathematics



Computer
Sciences



Gender and
Women's Studies



Art



Education