

Student Success Map for **PHYSICS BS**

	First Year	Middle Years	Final Year
Create Classroom Success	<ul style="list-style-type: none"> <input type="checkbox"/> Meet with your Academic Advisor to review major requirements <input type="checkbox"/> Select your special emphasis area <input type="checkbox"/> Take: Calculus I & II, University Physics I & II <input type="checkbox"/> Tour the CORD to locate the Writing Center and tutoring 	<ul style="list-style-type: none"> <input type="checkbox"/> Talk to a professor about your career plans, a research project, and/or grad school <input type="checkbox"/> Check with your advisor on your progress <input type="checkbox"/> Continue Physics and Math courses and take additional sciences <input type="checkbox"/> Propose participation in a research experience project 	<ul style="list-style-type: none"> <input type="checkbox"/> Meet with your Academic Advisor to confirm you are ready to graduate <input type="checkbox"/> Take Physics Senior Seminar and advanced Physics courses
Find Campus Belonging	<ul style="list-style-type: none"> <input type="checkbox"/> Attend HillFest in September <input type="checkbox"/> Join an RSO like SPACE Hogs or the Society of Physics Students and/or read the "One Community, One Book" selection <input type="checkbox"/> Attend the spring Physics dept. picnic 	<ul style="list-style-type: none"> <input type="checkbox"/> Increase your involvement in an RSO <input type="checkbox"/> Be part of the Physics Haunted Lab <input type="checkbox"/> Attend Physics Department Colloquia to learn about career options 	<ul style="list-style-type: none"> <input type="checkbox"/> Mentor a first-year student <input type="checkbox"/> Take on a leadership role in an RSO <input type="checkbox"/> Present REU project at a Physics Department Colloquium
Make Local & Global Connections	<ul style="list-style-type: none"> <input type="checkbox"/> Find a service project on GivePulse <input type="checkbox"/> Explore Study Abroad opportunities 	<ul style="list-style-type: none"> <input type="checkbox"/> Study Abroad <input type="checkbox"/> Volunteer for a STEM night at a local school through an RSO <input type="checkbox"/> Explore summer research (REU) and internships with government agencies <input type="checkbox"/> Attend INBRE 	<ul style="list-style-type: none"> <input type="checkbox"/> Attend a regional professional conference (CU*iP, APS, etc.)
Build Career Ready Skills	<ul style="list-style-type: none"> <input type="checkbox"/> Take the Career Readiness Inventory <input type="checkbox"/> Find a student mentor <input type="checkbox"/> Explore the STEM Education minor, certificate, or licensure program 	<ul style="list-style-type: none"> <input type="checkbox"/> Complete the Career Launch program <input type="checkbox"/> Explore the PACE microcertificate and/or UA Career Ready Badge <input type="checkbox"/> Build coding skills 	<ul style="list-style-type: none"> <input type="checkbox"/> Take the Career Readiness Inventory & First Destination Survey <input type="checkbox"/> Check-out on-campus jobs
Prep for Post-Graduation	<ul style="list-style-type: none"> <input type="checkbox"/> Talk to a Career Coach about on-campus and/or summer jobs <input type="checkbox"/> Create LinkedIn & Handshake profiles <input type="checkbox"/> Make an affordability plan with a financial aid counselor 	<ul style="list-style-type: none"> <input type="checkbox"/> Do an internship (visit with a Career Coach or take ARSC 10401: Internship Readiness for help applying) <input type="checkbox"/> Complete a Challenge Card assessment <input type="checkbox"/> Complete a summer REU 	<ul style="list-style-type: none"> <input type="checkbox"/> Conduct 3 career conversations <input type="checkbox"/> Meet with a Career Coach and/or faculty member for assistance applying for grad programs or jobs

Career Info for **PHYSICS BS**

What are the UofA Career-Ready Skills?

- Career and self-development
- Communication
- Critical thinking
- Perspective awareness
- Leadership experience
- Professionalism
- Teamwork
- Technology

What skills does this major develop?

- High level math skills
- Gather and analyze data
- Communicate complex ideas
- Evaluate ideas
- Inform, explain, and instruct
- Maintain records
- Prepare technical reports
- See relationships between among factors

What graduate programs do majors often go into?

- Master of Arts in Teaching
- Medical School
- Astronomy or Astrophysics
- Optometry School
- Biophysics
- Law School
- Nuclear Physics
- Computational Physics

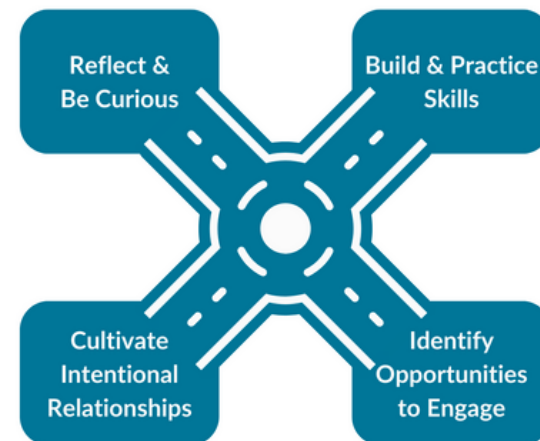
What careers do majors often go into?

Your concentration will open up a variety of opportunities. Here are a few general ideas:

- Physicist
- Researcher
- Data Scientist
- High School Science Teacher
- Lawyer, Technology Specialty
- Medical Doctor
- Nuclear Medicine Physician
- Optometrist
- Scientific Programmer Analyst
- Technology Entrepreneur
- Technology Consultant
- Work in research, government, nonprofits, education, media, law, healthcare, corporate, tech or other industries.
- Write your own story!

How do I start to plan my career?

- Complete the SparkPath Challenge Card activity online and then discuss your results with a career coach or career peer mentor. Talk about why it is important to you, how it relates to you and your previous experiences.
- What organizations are working on it?
- Which of these organizations appeal to me? What role would I like to have with them?
- What are my skills and how will I use them to work on this challenge?
- What skills, knowledge and experience do I need to develop to contribute more to the challenge?
- What is my plan to learn these things? Who can I connect with at the UofA for help?



career.uark.edu
physics.uark.edu