



WHAT CAN I DO WITH A MAJOR IN...

PHYSICS

Description of Major

A Bachelor of Science in Physics offers students an academic experience in which teaching excellence and research apply critical thinking and the methods of inquiry in the pursuit of knowledge of the physical universe and discover ways by which this knowledge can be used to enrich humanity. Areas of research include:

- Astrophysics
- Atomic Molecular, Optical and Plasma Physics
- Computational Physics
- Condensed Matter Physics
- Nuclear Physics
- Astronomy

For more information, visit <https://www.physics.msstate.edu/>, stop by Hilbun Hall, or call (662) 325-2806.

Possible Job Titles*

Note: This list is not comprehensive, and some positions may require further education.

Astrophysicist	Optical Devices Designer
Atomic Physicist	Physics Researcher
Engineering Technician	Satellite Data Analyst
Fluid Physicist	Solid State Physicist
Nuclear Physicist	Stratigrapher

Possible Employers*

Centers for Disease Control	NASA
Department of Defense	National Science Foundation
Environmental Protection Agency	Occupational Safety & Health Adm.
Food & Drug Administration	Research and Development
Infinity Power	Technical Consultant

Job Search Websites*

The following links are excellent resources on specific careers such as those listed above:

- **Connections:** <https://msstate-csm.symplicity.com/>
 - **Careershift** - Under "Resources" tab
 - **GoinGlobal** - Under "Resources" tab
- **LinkedIn:** <https://www.linkedin.com/>
- **O*Net:** <https://www.onetonline.org/>
- **USAJobs:** <https://www.usajobs.gov/>
- **American Institute of Physics:** <https://www.aip.org/statistics/employment>

Campus Involvement*

The following links are excellent resources on how to get involved on the MSU campus:

- **Bulldog Mentor Program:** <https://bulldognetwork.msstate.edu/v2>
- **Cowbell Connect:** <https://msstate.campuslabs.com/engage/>

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