



College of Sciences Academic Learning Compacts

Physics - B.S./B.A.

Discipline Specific Knowledge, Skills, Behavior and Values

1. Physics BS/BA program graduates will know and use the concept and knowledge of classical mechanics.
2. Physics BS/BA program graduates will demonstrate comprehensive knowledge of physics.
3. Physics BS/BA program graduates will know how to apply standard laboratory techniques and use basic scientific instruments in experiments, to study physical phenomena.
4. Physics BS/BA program graduates will know how to perform original research and present results of their research
5. Physics BS/BA program will produce nationally competitive graduates.
6. Students in the Physics BA program will have paths towards careers.

Critical Thinking

1. Physics BS/BA program graduates will know and use the concept and knowledge of classical mechanics.
2. Physics BS/BA program graduates will demonstrate comprehensive knowledge of physics.
3. Physics BS/BA program graduates will know how to apply standard laboratory techniques and use basic scientific instruments in experiments, to study physical phenomena.
4. Physics BS/BA program graduates will know how to perform original research and present results of their research
5. Physics BS/BA program will produce nationally competitive graduates.
6. Students in the Physics BA program will have paths towards careers.

Communication

1. Physics BS/BA program graduates will know how to perform original research and present results of their research
2. Physics BS/BA program will produce nationally competitive graduates.
3. Students in the Physics BA program will have paths towards careers.

Assessment of Physics - B.S./B.A. Outcomes

These outcomes will be assessed using a variety of assessment methods, including:

- **Projects**
- **Experiments and reports**
- **Research papers**
- **Oral and written presentations**
- **Exams/tests**
- **Journals**