Physics PhD Program Outcomes

The student:

1. Analyzes and interprets the physical problems and applies the interpretation to the other problems and issues.
2. Makes self-improvement by following the recent developments in science, technology and other modern subjects.
3. Follows national and international modern problems.
4. Is sensitive in environmental issues and is consistent in social relations.
5. Uses gained information when necessary.
6. Works in groups and internalizes it.
7. Relates gained information with other disciplines and participates in collaborative studies.
8. Has the skill to see the differences and similarities among physical events and take advantage of them.
9. Looks at a physical event from multi-perspectives and understands the event fully.
10. Be able to design and do simulation and/or experiment related with physics, collect and analyze data and interpret the results of them.
11. Maintain an advanced study in the field of physics independently or as a member of a group.
12. Follow technological innovations and scientific improvements in the field of physics.
13. Contribute to scientific knowledge in the field of physics.
14. Be conscious of workers' health, environment and work safety; awareness of professional and ethical responsibilities and the legal consequences of physical applications.