

Graduate school is training in research. Graduate school is really admission into a community of scholars. These scholars are working together to create new knowledge, and to expand the boundaries of existing scientific and technical knowledge.

- In graduate school you are asked to do writing, reading, and synthesizing of both what you learn and the knowledge *you create on your own* by your intellectual curiosity on the subject/topic.
- **In graduate school your personal identity will almost certainly undergo great transformation: you will become known as the person who did such-and-such research, who refuted such-and-such theory, or who initiated such-and-such line of inquiry.**
- **The purpose of Graduate study is to instill in the student a freedom of inquiry, understanding of and capacity for scholarship, independent critical judgment, academic rigor, and intellectual honesty.**

Graduate Term Paper/Courses

Students are expected to work independently and produce high quality results, **as measured by amount of independent thinking and presentations judged by senior peers.**

- *In graduate term paper, you are expected to demonstrate independent thinking on the topic by attempting to add to the body of existing scientific and technical knowledge.*

*(in undergraduate courses you learn **what is already known to the world**)*

Graduate courses are quite different from undergraduate school. Graduate courses require more focused, sustained work and intellectual 'curiosity' on the topic and independent thinking.

It is expected that graduate students will gain expertise in a particular area of study and seek to expand the knowledge of that disciplinary field.

Graduate students should learn how to impart disciplinary knowledge through appropriate forms presentation/publication and how to apply that knowledge to particular business, industrial and social problems.