

## WHAT IS STATISTICS?

Statistics is a field that studies data. A statistician is involved with collecting, summarizing, and interpreting this data. Many problems in statistics are motivated by the world around us. For these problems, there is often an inherent degree of variability among the data points. Statistics helps us find solutions to these problems by using techniques to deal with this uncertainty in the data.

## WHO SHOULD CONSIDER THE STATISTICS TRACK OR STATISTICS MINOR?

A person who likes to solve practical problems.

A person who likes working with numbers.

A person who likes working with people.

A person who likes computers.

## WHAT ARE THE ADVANTAGES IN TAKING STATISTICS COURSES?

It will increase your chance of getting a good job by increasing your marketability.

It will increase your analytical reasoning.

It is applicable to a wide variety of disciplines.

## WHAT CAREERS USE STATISTICS?

Careers that incorporate statistics can be found in a wide variety of disciplines. Here are a few examples of fields which use statistics.

<b>AGRICULTURE</b> Agronomy Crop Research Forestry Wildlife Management	<b>BUSINESS</b> Economics Market Research Actuarial Science	<b>INDUSTRY</b> Manufacturing Reliability Quality Improvement
<b>COMPUTER SCIENCE</b> Software Design Statistical Programming	<b>CAREERS</b>	<b>HEALTH SCIENCES</b> Pharmacology Medical Research
<b>GOVERNMENT</b> Center for Disease Control Census Bureau Federal Drug Administration Department of Agriculture	<b>SCIENTIFIC DISCIPLINES</b> Biology Chemistry Engineering Astronomy Genetics Space Science	<b>OTHER DISCIPLINES</b> Psychology Sociology Telecommunications Education Sports