

with the instructor, usually on a regularly arranged basis, to consider an agreed-upon topic which is not normally offered as part of the curriculum. Outside reading and/or research is expected, depending on the nature of the topics. Expectations commensurate with graduate level work. Prerequisite: Graduate status; consent of instructor

Restrictions: May not be enrolled in one of the following Level(s): Denied Adm Undergraduate, Non-Admitted Undergraduate, Undergraduate. Must be enrolled in one of the following Class(es): Graduate, Non-Admitted Graduate, Post-Baccalaureate

Eastern Oregon University

Statistics

OBJECTIVES

The need to analyze data is common to all disciplines. Statistics courses are offered in order to:

- Provide an introduction to statistical procedures as part of the critical analysis of information, and
- Provide the background necessary for the application of statistical methods to various disciplines.

STATISTICS COURSE DESCRIPTIONS

STAT 110 - Selected Topics Credits: 1.00 to 6.00
Topics of current interest to students and faculty.

STAT 210 - Selected Topics Credits: 1.00 to 6.00
Topics of current interest to students and faculty.

STAT 310 - Selected Topics Credits: 1.00 to 6.00
Topics of current interest to students and faculty.

STAT 315 - Princ Statistics*L/CP Credits: 4.00
Gen Ed-Language & Logic

New Gen Ed-Crit Think/Prob Sol

Introduction to concepts of statistical data analysis including experimental design, descriptive statistics, correlation and regression, the normal distribution, confidence intervals and hypothesis testing. Prerequisite: MATH 095 or equivalent competency.

STAT 316 - Statistical Comp*L Credits: 1.00 **Gen Ed-Language & Logic**

Introduction to standard computing packages used in statistical work such as MINITAB. Prerequisite or co-requisite: STAT 315.

STAT 327 - Stat & Exper Design*L/QR Credits: 5.00 **Gen Ed-Language & Logic**

New Gen Ed-Quantitative Reason

Principles of experimental design and associated data analysis techniques such as regression, hypothesis testing, analysis of variance, and non-parametric statistics; experience with statistical packages for computers; introduction to exploratory data analysis. Prerequisite: MATH 111 or equivalent.

STAT 410 - Selected Topics Credits: 1.00 to 6.00

Topics of current interest to students and faculty. Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore