

ANEQ 565 - Interpreting Animal Science Research

Spring. Prerequisite: ANEQ 101 or ANEQ 102; three credits statistics. Designing, conducting, analyzing, and reporting of animal science research.

3.000 Credit Hours

3.000 Lecture hours

ANTH 643 - Advanced Ethnographic Field Preparation

Spring. Development of applied field methods and research questions for graduate-level ethnographic field research.

3.000 Credit Hours

3.000 Lab hours

AREC 535 ECON 535 - Applied Econometrics

Fall, Spring.

Prerequisite: AREC 335/ECON 335; ECON 304; ECON 306; ECON 501 or concurrent registration.

Credit not allowed for both AREC 535 and ECON 535.

Econometric techniques applied to testing and quantification of theoretical economic relationships drawn from both microeconomics, macroeconomics.

3.000 Credit Hours

3.000 Lecture hours

AREC 570 ECON 530 - Methodology of Economic Research

Fall (even years). Prerequisite: ECON 304; ECON 306. Credit not allowed for both AREC 570 and ECON 530. Philosophical foundations of science and research. Concepts and skills for planning, performing, reporting, and evaluating economic research.

3.000 Credit Hours

3.000 Lecture hours

AREC 572 - Social Benefit Cost Analysis

Fall. Prerequisite: ECON 306. Theory, application of concepts relating to social benefit cost analysis of public projects, policies intended to promote social welfare, economic growth.

3.000 Credit Hours

3.000 Lecture hours

AREC 635 ECON 635 - Econometric Theory I

Spring. Prerequisite: AREC 535/ECON 535. Credit not allowed for both AREC 635 and ECON 635. Theory of mathematical statistics and classical linear regression model in context of economic application.

3.000 Credit Hours

3.000 Lecture hours

AREC 735 ECON 735 - Econometric Theory II

Fall. Prerequisite: AREC 635/ECON 635. Credit not allowed for both AREC 735 and ECON 735. Model building, estimation and testing, using both microanalytic models and aggregate models of the economy.

3.000 Credit Hours

3.000 Lecture hours

ATS 650 - Measurement Systems and Theory

Fall. Prerequisite: PH 142 and STAT 301. Surface and upper air measurement systems; theory and system response, sensor design; automated data collection, analysis and display systems.

2.000 Credit Hours

2.000 Lecture hours

BC 701 - Grant Proposal Writing and Reviewing

Fall. Prerequisite: BC 403; BC 511 or concurrent registration; BC 563 or concurrent registration. Didactic and hands-on experience with locating funding sources, writing effective grant proposals, and the review process in the bio-molecular sciences.

1.000 Credit Hours

1.000 Lecture hours

BZ 544 - Presenting Research in Biology

Fall. Prerequisite: Written consent of instructor. Procedures for preparing and presenting results of biological research in scientific journals and at professional meetings.

2.000 Credit Hours

2.000 Lecture hours

BZ 577 MIP 577 - Computer Analysis in Population Genetics

Fall. Prerequisite: BZ 578/MIP 578 or concurrent registration. Credit not allowed for both BZ 577 and MIP 577. Computational and statistical techniques and practical exercises in discrete and quantitative genetics.

1.000 Credit Hours

2.000 Lab hours

CHEM - 576 Statistical Methods

Spring (odd years). Prerequisite: CHEM 472 or CHEM 476. Principles of statistical mechanics with application in the chemical sciences.

3.000 Credit Hours

3.000 Lecture hours

CM 640 - Creative Science Writing

Spring. Consideration of creative writing techniques and their relevance to traditional science/nature writing.

3.000 Credit Hours

3.000 Lecture hours

CM 666 PHIL 666 - Science and Ethics

Spring (odd years). Credit not allowed for both CM 666 and PHIL 666. Ethical issues of research on humans and animals; biosafety; fraud and deception in science; genetic engineering.

3.000 Credit Hours

3.000 Lecture hours

E 600 - Research Methods and Theory

Fall. Materials and methods of literary scholarship: bibliography, documentation, textual criticism, editing, and literary criticism.

3.000 Credit Hours

3.000 Lecture hours

E 601 - Research in Teaching English as Second Language

Fall. Prerequisite: E 526. Evaluation and design of research in language acquisition.

2.000 TO 3.000 Credit Hours

ECOL 693 - Research Seminar

Spring. Prerequisite: Written consent of instructor. Critique of research programs, plans, and ecological theory.

1.000 Credit Hours

1.000 Other hours

ECON 501 - Quantitative Methods for Economists

Fall. Prerequisite: MATH 141 or MATH 155 or MATH 160. Quantitative methods essential for graduate study in economics; functional forms, optimization, matrix methods, topological modeling.

3.000 Credit Hours

3.000 Lecture hours

ERHS 542 - Biostatistical Methods for Qualitative Data

Fall. Prerequisite: STAT 301 or ERHS 307/STAT 307. Statistical analysis of categorical data as obtained in epidemiology, toxicology, occupational health, and clinical sciences.

3.000 Credit Hours

3.000 Lecture hours

ERHS 544 STAT 544 - Biostatistical Methods for Quantitative Data

Spring. Prerequisite: STAT 301 or ERHS 307/STAT 307. Credit not allowed for both ERHS 544 and STAT 544.

Regression and analysis of variance methods applied to both observational studies and designed experiments in the biological sciences.

3.000 Credit Hours

3.000 Lecture hours

ERHS 547 - Equipment and Instrumentation

Spring (odd years). Prerequisite: ERHS 446. Sample collection, quality control, theory and application of equipment and instrumentation for analysis and confirmation of organic-inorganic chemicals.

3.000 Credit Hours

6.000 Lab hours

ERHS 642 - Applied Logistic Regression

Spring (even years). Prerequisite: ERHS 532; ERHS 542. Basic and advanced concepts of logistic regression with focus on practical applications in epidemiology using SAS.

3.000 Credit Hours

3.000 Lecture hours

ERHS 662 VS 662- Applied Research-Planning/Design/Analysis

Spring (even years). Credit not allowed for both ERHS 662 and VS 662. Must register for lecture and recitation. Training to conceptualize and execute an independent research project.

0.000 OR 3.000 Credit Hours

0.000 OR 2.000 Lecture hours

0.000 OR 1.000 Other hours

ETST 502 - Research Methods

Fall. Prerequisite: Graduate or senior status. Interdisciplinary ethnic studies research methods.
 3.000 Credit Hours
 3.000 Lecture hours

FSHN 670 - Laboratory Methods

Fall (odd years). Prerequisite: CHEM 245, CHEM 246. Must register for lecture and laboratory. Laboratory techniques and instrumentation in nutrition and food science.
 0.000 OR 2.000 Credit Hours
 0.000 OR 1.000 Lecture hours
 0.000 OR 2.000 Lab hours

FW 551 - Design of Fish and Wildlife Studies

Fall. Prerequisite: STAT 301 or STAT/ERHS 307. Must register for lecture and recitation. Principles, types of studies, and philosophy of science in design of experimental, observational, and sampling studies for wildlife investigation.
 0.000 OR 3.000 Credit Hours
 0.000 OR 2.000 Lecture hours
 0.000 OR 1.000 Other hours

FW 663 - Sampling and Analysis of Vertebrate Populations

Spring (even years). Prerequisite: FW 260; STAT 301. Must register for lecture, laboratory and recitation. Sampling and analysis of fish and wildlife populations, including survival estimation, capture-recapture sampling, and transect sampling.
 0.000 OR 5.000 Credit Hours
 0.000 OR 3.000 Lecture hours
 0.000 OR 3.000 Lab hours
 0.000 OR 1.000 Other hours

GEOL 562 - Statistical Data Analysis in Earth Resources

Fall (odd years). Prerequisite: STAT 340; STAT 350. Statistical parameters, sequential data, map analysis, and multivariate data.
 3.000 Credit Hours
 3.000 Lecture hours

GEOL 601 - Geoscience Approaches and Thesis Proposals

Fall. Prerequisite: Graduate student standing in geosciences. Core concepts of scientific approaches, local geology of Colorado, and preparation of geoscience thesis proposals.
 1.000 Credit Hours
 1.000 Other hours

HDFS 550 - Research Methods I

Spring. Prerequisite: Three credits of statistics; three credits of upper-division behavioral sciences. Research strategies and ethical considerations.
 3.000 Credit Hours
 3.000 Lecture hours

HDFS 592 - Grant Writing-Human Services and Research

Fall, Spring. Prerequisite: STAT 201. Must register for lecture and recitation. Writing grant proposals that support client services or for research.

0.000 OR 3.000 Credit Hours

0.000 OR 1.000 Lecture hours

0.000 OR 2.000 Other hours

HDFS 650 - Research Methods II

Fall.

Prerequisite: HDFS 550; STAT 301.

Must register for lecture and recitation.

Statistical concepts and analysis.

0.000 OR 3.000 Credit Hours

0.000 OR 2.000 Lecture hours

0.000 OR 1.000 Other hours

HES 600 - Data Analysis for Research Design

Fall. Prerequisite: One course in statistics. Methods of research applied to health and exercise science including quantitative techniques of analysis and research design.

3.000 Credit Hours

3.000 Lecture hours

HES 700 - Professional Skills in Bioenergetics

Fall. Prerequisite: Admission to doctoral program, or admission to M.S. program and written consent of instructor. Grant writing, authorship, peer review process, responsible conduct of science, research ethics, professional conduct, career opportunities.

0.000 OR 3.000 Credit Hours

0.000 OR 2.000 Lecture hours

0.000 OR 1.000 Other hours

HIST 501 - Historical Method: Historiography

Fall, Spring, Summer. Prerequisite: Written consent of instructor. Historiographical skills and methods, emphasis on research, writing, and interpretation.

3.000 Credit Hours

3.000 Other hours

HIST 502 - Historical Method: Archives

Fall, Spring, Summer. Prerequisite: Written consent of instructor. Historiographical skills and methods; emphasis on fundamentals of archival science.

3.000 Credit Hours

3.000 Other hours

HIST 640 - Research Seminar: State and Local History

Fall, Spring, Summer. Prerequisite: Written consent of instructor. Research in and interpretation of state and local history within the broader context of United States history.

3.000 Credit Hours

3.000 Other hours

JTC 500 - Communication Research and Evaluation Methods

Fall. Credit not allowed for both JTC 500 and JTC 471. Theory and applied communication research and evaluation methodologies for assessing and improving communication in technological environment.

4.000 Credit Hours

4.000 Lecture hours

JTC 664 - Quantitative Research in Communication

Fall. Prerequisite: JTC 500; one 300-level or higher statistics course. Advanced quantitative research methods used in communication research.

3.000 Credit Hours

3.000 Lecture hours

JTC 665 - Qualitative Methods in Communication Research

Spring. Prerequisite: JTC 500. Techniques for collecting; interpreting, analyzing qualitative communication data.

3.000 Credit Hours

3.000 Lecture hours

JTC 793A - Seminar-Experimental Design

Fall, Spring. Prerequisite: JTC 601; JTC 602.

3.000 Credit Hours

3.000 Other hours

LGEN 510 - Research Methods

Fall. Prerequisite: Written consent of instructor. Resources and reference tools appropriate to research in foreign languages and literatures.

1.000 Credit Hours

1.000 Lecture hours

MIP 654 - Research Policies and Regulations

Fall. Reviews CSU and federal policies, rules, and regulations on integrity, use of humans and animals, authorship, data, genetics, etc., using case studies.

1.000 Credit Hours

1.000 Lecture hours

MU 543 - Advanced Research Methods in Music Therapy

Spring. Prerequisite: MU 241; MU 250. Research techniques used in measuring and recording behavior. Advanced methods used in music therapy research.

3.000 Credit Hours

3.000 Lecture hours

MU 630 - Methods of Music Research

Fall. Prerequisite: MU 416. Research, documentation, and bibliography for music history, literature, performance, theory, acoustics, music education, and quantitative testing.

3.000 Credit Hours

3.000 Lecture hours

NR 505 - Concepts in GIS

Fall. Prerequisite: STAT 301 or STAT 511. Must register for lecture and laboratory. Concepts of geographic information systems and spatial data analysis.

0.000 OR 4.000 Credit Hours

0.000 OR 2.000 Lecture hours

0.000 OR 4.000 Lab hours

NR 512 - Spatial Statistical Modeling-Natural Resources

Fall. Prerequisite: STAT 301; NR 322; NR 323. Must register for lecture and laboratory. Statistical techniques used to model natural and environmental resources; GIS, remote sensing, and spatial statistics.

0.000 OR 3.000 Credit Hours

0.000 OR 2.000 Lecture hours

0.000 OR 2.000 Lab hours

NR 523 STAT 523 - Quantitative Spatial Analysis

Spring. Prerequisite: STAT 301 or STAT 307/ERHS 307. Credit not allowed for both NR 523 and STAT 523. Techniques in spatial analysis: point pattern analysis, spatial autocorrelation, trend surface and spectral analysis.

3.000 Credit Hours

3.000 Lecture hours

NR 527 - Methods-Human Dimensions of Natural Resources

Summer. Prerequisite: B.S. degree; participant in Advancing Human Dimensions Expertise Among Fish and Wildlife Agencies training program. Must register for lecture and recitation. Human dimensions research in areas of problem identification, research process, survey methods, sampling, validity and reliability.

0.000 OR 3.000 Credit Hours

0.000 OR 2.000 Lecture hours

0.000 OR 1.000 Other hours

NR 528 - Analysis: Human Dimensions; Natural Resources

Summer. Prerequisite: B.S. degree; participant in Advancing Human Dimensions Expertise Among Fish and Wildlife Agencies training program; STAT 301 or STAT 307/ERHS 307 or STAT 311 or STAT 315. Must register for lecture and laboratory. Human dimensions analysis techniques: codebook development and data entry, univariate statistics, and bivariate/multivariate statistics.

0.000 OR 3.000 Credit Hours

0.000 OR 2.000 Lecture hours

0.000 OR 2.000 Lab hours

NR 529 - Concepts: Human Dimensions-Natural Resources

Summer. Prerequisite: B.S. degree; participant in Advancing Human Dimensions Expertise Among Fish and Wildlife Agencies training program. Concepts guiding human dimensions research: motivations/satisfactions, attitudes, values, attitude/behavior change and norms.

2.000 Credit Hours

2.000 Lecture hours

NR 555 - Preparation of Grant Proposals

Spring. Prerequisite: STAT 301; one course in ecology. Idea development, preparation, writing, and presentation of research proposals in natural resources.

2.000 Credit Hours

2.000 Lecture hours

NR 621 - Design of Geographic Information Systems

Fall. Prerequisite: LAND 520 or NR 322; CS 110. Must register for lecture and laboratory. Algorithms, procedures, and applications of spatial data handling and spatial analysis.

0.000 OR 3.000 Credit Hours

0.000 OR 1.000 Lecture hours

0.000 OR 4.000 Lab hours

NR 676 - Ecological Models

Spring. Prerequisite: NR 575. Must register for lecture and laboratory. Model development for ecosystems, subsystems; deterministic, stochastic models; validation, sensitivity analysis.

0.000 OR 4.000 Credit Hours

0.000 OR 3.000 Lecture hours

0.000 OR 2.000 Lab hours

NRRT 506 - Methods in Environmental Education Research

Fall, Spring, Summer. Prerequisite: Upper-division course in natural resources. Offered only as a correspondence course. Research methods and designs; literature reviews, needs assessments and program evaluation of environmental education in informal settings.

3.000 Credit Hours

3.000 Lecture hours

NRRT 565 - Research-Human Dimensions Natural Resources

Fall. Theory, research, literature review, hypothesis development, scientific writing, proposal development.

3.000 Credit Hours

3.000 Lecture hours

NRRT 665 - Survey Research and Analysis

Spring. Prerequisite: NRRT 565; STAT 301. Must register for lecture and laboratory. Survey research, design, and analysis in human dimensions of natural resources.

0.000 OR 3.000 Credit Hours

0.000 OR 2.000 Lecture hours

0.000 OR 2.000 Lab hours

NRRT 666 - Qualitative Research in NRRT

Spring. Prerequisite: NRRT 565. Qualitative approaches to tourism research and techniques from a range of disciplinary backgrounds; methodological aspects.

3.000 Credit Hours

3.000 Lecture hours

NRRT 765 - Applied Multivariate Analysis

Fall. Prerequisite: NRRT 665. Must register for lecture and laboratory. Application and interpretation of

multivariate statistics to human dimensions in natural resources, recreation, and tourism.

0.000 OR 3.000 Credit Hours

0.000 OR 2.000 Lecture hours

0.000 OR 2.000 Lab hours

NSCI 610 - Team Research in Quantitative Ecology

Spring. Prerequisite: Written consent of instructor. Must register for lecture and laboratory. Interdisciplinary team-based research aimed at studying real life models in quantitative ecology using mathematical and statistical tools.

0.000 OR 3.000 Credit Hours

0.000 OR 2.000 Lecture hours

0.000 OR 2.000 Lab hours

OT 650 - Research Methods I

Fall. Prerequisite: Admission to master's program. Quantitative and qualitative research methodologies as applied in occupational therapy.

3.000 Credit Hours

3.000 Lecture hours

OT 651 - Research Methods II

Spring. Prerequisite: OT 650. Data analysis, interpretation of research in occupational therapy and related fields.

3.000 Credit Hours

3.000 Lecture hours

OT 670 - Evidence-Based Practice Research

Fall, Spring. Prerequisite: OT 651. Variable fee (\$39-\$145) assessed by the department. Participation in an instructor-driven research project through experiential learning in a teamwork context.

3.000 Credit Hours

3.000 Lecture hours

POLS 620 - Approaches to the Study of Politics

Fall. Prerequisite: Fifteen credits in political science.

3.000 Credit Hours

3.000 Lecture hours

POLS 621 - Qualitative Methods in Political Science

Spring (odd years). Prerequisite: SOC 311 or concurrent registration or POLS 620 or concurrent registration. Credit not allowed for both POLS 621 and SOC 610. Research design, data gathering and organization, ethical issues, and computer applications in qualitative political research.

3.000 Credit Hours

3.000 Lecture hours

POLS 625 - Quantitative Methods of Political Research

Spring. Prerequisite: POLS 320. Quantitative approaches and methods for study of political life.

3.000 Credit Hours

3.000 Lecture hours

PSY 652 - Methods of Research in Psychology I

Fall. Prerequisite: One 300- or 400-level STAT course. Must register for lecture and laboratory. Psychological research emphasizing hypothesis testing and simple research designs, introducing general linear model approach.

0.000 OR 4.000 Credit Hours

0.000 OR 3.000 Lecture hours

0.000 OR 2.000 Lab hours

PSY 653 - Methods of Research in Psychology II

Spring. Prerequisite: PSY 652. Must register for lecture and laboratory. Advanced research designs emphasizing general linear model approach.

0.000 OR 4.000 Credit Hours

0.000 OR 3.000 Lecture hours

0.000 OR 2.000 Lab hours

PSY 655A-C - Research Issues and Models in Psychology-Counseling (A), General-experimental (B), Industrial-organizational (C)

Fall. Generation and development of research ideas, evaluating approaches, interpreting and reporting findings.

3.000 Credit Hours

3.000 Lecture hours

PSY 670 - Psychological Measurement-Personality

Fall. Construction, administration, interpretation of objectional measures of personality including aptitudes, abilities, interests.

3.000 Credit Hours

3.000 Lecture hours

PSY 672 - Psychological Assessment

Spring. Prerequisite: PSY 610; PSY 670. Use of test data to determine cognitive functioning and predict behavior; supervised test administration and interpretation.

3.000 Credit Hours

3.000 Lecture hours

PSY 754 - Multivariate Analysis in Behavioral Sciences

Spring (even years). Prerequisite: PSY 653. Multivariate analysis, including factor and component analysis, applied to psychological research.

3.000 Credit Hours

3.000 Lecture hours

QNT 570 - Statistical Decision Making

Fall, Summer. Prerequisite: QNT 270. Classical statistical techniques including hypothesis testing and multiple regression; model building, control charts, time series and forecasting.

3.000 Credit Hours

3.000 Lecture hours

SOC 510 - Sociological Methods I

Fall (even years). Prerequisite: SOC 210 or SOC 311. Linkage of sociological theory and conceptual models; case studies; data-gathering techniques.

3.000 Credit Hours

3.000 Lecture hours

SOC 511 - Sociological Methods II

Spring (even years). Prerequisite: SOC 510. Linkage of sociological theory and conceptual models; case studies; data-gathering techniques.

3.000 Credit Hours

3.000 Lecture hours

SOC 610 - Seminar in Methods of Qualitative Analysis

Spring (even years). Prerequisite: POLS 620 or concurrent registration or SOC 311 or concurrent registration. Credit not allowed for both SOC 610 and POLS 621. Examination and application of qualitative techniques of analysis.

3.000 Credit Hours

3.000 Other hours

SOC 612 - Seminar in Methods of Evaluational Research

Spring (even years). Prerequisite: SOC 511. Quantitative and qualitative techniques of evaluating social action programs.

3.000 Credit Hours

3.000 Other hours

SOC 613 - Seminar in Multiple Regression and Path Analysis

Fall (odd years). Prerequisite: SOC 511. Analysis and application of techniques for multiple regression and path analysis.

3.000 Credit Hours

3.000 Other hours

SOCR 675 - Presentations for Scientific Audiences

Fall. Organization and presentation of scientific information to audiences in oral and poster format.

1.000 Credit Hours

1.000 Lecture hours

SOWK 601 - Methods of Research II

Spring. Prerequisite: SOWK 600. Data analysis, computer processing in social work research, and methods for evaluating one's own practice.

3.000 Credit Hours

3.000 Lecture hours

SPCM 638 - Communication Research Methods

Spring. Historical and philosophical context of communication research; relationship between theory and method; dominant forms of communication research.

3.000 Credit Hours

3.000 Lecture hours

STAT 500 - Statistical Computer Packages

Spring. Prerequisite: STAT 340; STAT 350. Comparison, evaluation, and use of computer packages for univariate and multivariate statistical analyses.

1.000 Credit Hours

2.000 Lab hours

STAT 501 - Statistical Science

Fall. Overview of statistics: theory; use in agriculture, business, environment, engineering; modeling; computing; statisticians as researchers/consultants.

1.000 Credit Hours

1.000 Lecture hours

STAT 511 - Design and Data Analysis for Researchers I

Fall. Prerequisite: STAT 301 or STAT 307/ERHS 307 or STAT 311 or STAT 315. Must register for lecture and recitation. Statistical methods for experimenters and researchers emphasizing design and analysis of experiments.

0.000 OR 4.000 Credit Hours

0.000 OR 3.000 Lecture hours

0.000 OR 1.000 Other hours

STAT 512 - Design and Data Analysis for Researchers II

Spring. Prerequisite: STAT 511. Must register for lecture and recitation. Statistical methods for experimenters and researchers emphasizing design and analysis of experiments.

0.000 OR 4.000 Credit Hours

0.000 OR 3.000 Lecture hours

0.000 OR 1.000 Other hours

STAT 520 - Introduction to Probability Theory

Fall. Prerequisite: MATH 229; MATH 261; MATH 317. Probability, random variables, distributions, expectations, generating functions, limit theorems, convergence, random processes.

4.000 Credit Hours

4.000 Lecture hours

STAT 525 - Analysis of Time Series I

Fall. Prerequisite: STAT 430. Trend and seasonality, stationary processes, Hilbert space techniques, spectral distribution function, fitting ARIMA models, linear prediction.

3.000 Credit Hours

3.000 Lecture hours

STAT 526 - Analysis of Time Series II

Spring, Summer. Prerequisite: STAT 525. Spectral analysis; the periodogram; spectral estimation techniques;

multivariate time series; linear systems, optimal control; Kalman filtering, prediction.

3.000 Credit Hours

3.000 Lecture hours

STAT 530 - Mathematical Statistics

Spring. Prerequisite: STAT 520. Sampling distributions, estimates, testing, confidence intervals, exact and asymptotic theories of maximum likelihood and distribution-free methods.

3.000 Credit Hours

3.000 Lecture hours

STAT 540 - Data Analysis and Regression

Fall. Prerequisite: Six credits of upper-division statistics courses. Introduction to multiple regression and data analysis with emphasis on graphics and computing.

3.000 Credit Hours

3.000 Lecture hours

STAT 560 - Applied Multivariate Analysis

Fall, Spring. Prerequisite: STAT 520; STAT 540. Multivariate analysis of variance; principal components; factor analysis; discriminant analysis; cluster analysis.

3.000 Credit Hours

3.000 Lecture hours

STAT 570 - Nonparametric Statistics

Spring, Summer. Prerequisite: STAT 430. Distribution and uses of order statistics; nonparametric inferential techniques, their uses and mathematical properties.

3.000 Credit Hours

3.000 Lecture hours

STAT 604 BUS 604 - Managerial Statistics

Fall. Prerequisite: Admission to the MBA program. Credit not allowed for both STAT 604 and BUS 604. Introduction to statistical thinking and methods used to support managerial decision making.

2.000 Credit Hours

2.000 Lecture hours

STAT 605 - Theory of Sampling Techniques

Spring. Prerequisite: STAT 301 or STAT 307/ERHS 307 or STAT 311 or STAT 315; STAT 430. Survey designs; simple random, stratified, cluster samples; theory of estimation; optimization techniques for minimum variance or costs.

3.000 Credit Hours

3.000 Lecture hours