

**ANTH 235 Anthropology of Religion [A: 3-0-0]3.**

Rotation: Odd Academic Year: Fall

This course will explore the spectrum of religious experience from an anthropological perspective, emphasizing both the similarities and the differences with religious experiences that are familiar to students. Students will gain the ability to analyze and critically compare a variety of world religions in depth using anthropological insights and methods.

**ANTH 301 Social Science Research Methods [A: 3-0-0]3.**

Rotation: Even Academic Year: Fall

An overview of the research methods used by social scientists to produce the data and conclusions that we read about in research papers and popular news reports.

**ANTH 310 Anthropology of Social Change [A: 3-0-0]3.**

Rotation: Odd Academic Year: Winter

Culture is not static. Every society goes through periods of upheaval and change, followed by periods of relative stability in cyclical fashion. What causes those upheavals? What can account for social change? This course looks at some of the anthropological explanations for how societies function and respond to the forces of change around them.

**ANTH 485 Applied Studies in Anthropological Archaeology [A: 3-0-30]3-9.**

Rotation: Arranged

Participation in an anthropological field project.

**ART: HISTORY****ARTH 241 Survey of Western Art I [A: 3-0-0]3.**

Rotation: Every Fall

A study of western art to the fifteenth century.

**†ARTH 242 Survey of Western Art II [A: 3-0-0]3.**

Rotation: Every Winter

A study of western art from the fifteenth century to the present.

**ART: STUDIO****†ARTS 110 Introduction to Acting and Stagecraft I [A: 3-0-0]1.5.**

Rotation: Every Fall (second half)

Speech and movement improvisation with an emphasis on imaginative development. Introduction to the acting process, dramatic form, and stagecraft.

**ARTS 111 Introduction to Acting and Stagecraft II [A: 3-0-0]1.5.**

Prerequisite: ARTS 110 or instructor consent

Rotation: Every Winter (1st half)

Continuation of ARTS 110 with further emphasis on the acting process, dramatic form, and stagecraft.

**†ARTS 130 Visual Arts Fundamentals [A: 2-0-4]3.**

Rotation: Every Fall

An introduction to drawing, painting, and design.

**†ARTS 210 Drawing [A: 1-1-4]3.**

Rotation: Arranged

A study of the principles and techniques of drawing, incorporating a range of materials and approaches.

**†ARTS 230 Ceramics [A: 2-0-4]3.**

Rotation: Arranged

An introduction to the making of a variety of ceramic forms. Both hand building and wheel techniques will be taught.

**†ARTS 250 Painting I [A: 2-0-4]3.**

Rotation: Every Winter

A study of the principles and techniques of painting. The use of colour, line, texture, style, value, and composition are studied in a variety of paintings done in acrylic and/or oil.

**ARTS 260 Introduction to Sculpture: Three-Dimensional Foundations [A: 2-0-4]3.**

Rotation: Arranged

This is a studio course which introduces a variety of fundamental techniques in sculpture. The student will develop perceptual, creative, technical and problem-solving skills in a sculptural context. Historical and theoretical contexts associated with sculpture will also be explored.

**†ARTS 350 Painting II [A: 2-0-4]3.**

Prerequisite: ARTS 250

Rotation: Arranged

Continued exploration and development of the principles and techniques of painting.

**BEHAVIOURAL SCIENCE****BHSC 215 Introduction to Research in Behavioural Science [S: 1-0-0]1.**

Prerequisite or co-requisite: PSYC 160 or SOCI 160

Rotation: Every Fall

A preparatory course to upper division research methods courses and an introduction to how to conduct a research project in the behavioural sciences using the resources of a university library. This course is designed to build competencies in finding, evaluating, and using information in print and digital formats. Students will learn about the structure of the scholarly literature in the behavioural science discipline, and how to write in an APA style, using the APA Style Manual.

**†BHSC 313 Multivariate Analysis in Behavioural Science [S: 3-0-1.5]3.**

Prerequisite or co-requisite: MATH 240

Rotation: Every Fall

This course builds on the basics of a statistics course and includes such topics as sampling distributions, hypothesis testing, descriptive statistics, cross-tabulation and chi-square analysis, ANOVA, and multiple regression analysis. Extensive applications are made of statistical procedures to research in the behavioural sciences, including computer applications using the SPSS program.

**†BHSC 314 Correlational Methods in Behavioural Science [S: 3-0-1.5]3.**

Prerequisite or co-requisite: MATH 240

Rotation: Even Academic Year: Winter

A survey of the basic principles of correlational research in the behavioural sciences. The student will conduct research, analyze data and write up the results in APA style. Topics include

reliability, validity, sampling procedures, creation of questionnaires, and non-experimental research such as observational, archival, and case-study designs. The last half of the term will involve the students completing a research project.

†**BHSC 315 Experimental Methods in Behavioural Science**  
[S: 3-0-1.5]3.

Prerequisite or co-requisite: MATH 240

Rotation: Odd Academic Year: Winter

A survey of experimental design methods used in psychological and sociological research. Design topics include single-factor, factorial, single-subject, and quasi-experimental research. Methods for tabular and graphical representation of data will be reviewed. Ethical problems and biases in research will be reviewed. Students will complete a research project.

†**BHSC 415 Psychometric Methods in Behavioural Science**  
[S: 3-0-1.5]3.

Prerequisite or co-requisite: MATH 240

Rotation: Even Academic Year: Fall

A survey of psychometric methods including scaling methods, validity issues, assessment of reliability, measurement error, classical test theory, and construction of conventional tests. Measurement in the specific areas of intelligence, achievement, personality, and careers will be explored. The nature of intelligence will be given special consideration. Uses and abuses of tests, including their social and ethical implications, will be reviewed.

†**BHSC 418 Qualitative Methods in Social Research**  
[A: 3-0-1.5]3.

Prerequisites: MATH 240 and SOCI 160

Rotation: Odd Academic Year: Winter

Further study of the design and evaluation of qualitative research strategies. Topics include participant observation, the life story interview, ethno-methodology, unobtrusive measures, and document analysis.

†**BHSC 485 Practicum I** [P: 0-1-6]3.

Prerequisites: At least 12 credits in PSYC, SOCI, or BHSC, including at least one of the following: PSYC 250; PSYC 350; SOCI 203

Rotation: Arranged

This course provides practical experience through various social or community agencies and requires a minimum of 80 hours of on-site supervision: more may be required, depending on the needs of the individual practicum sites. Agency supervision will be by a trained professional. The student will be expected to adhere to published criteria during the practicum experience. On-campus weekly meetings will review on-site problems as well as professional practice and ethical issues. Placement will depend on timely compliance with published departmental criteria and availability of practica sites.

**BHSC 486 Practicum II** [P: 0-1-6]3.

Prerequisite: BHSC 485

Rotation: Arranged

This course provides practical experience through various social or community agencies and requires a minimum of 80 hours of on-site supervision: more may be required, depending on the needs of the individual practicum sites. Agency supervision will be by a trained

professional. The student will be expected to adhere to published criteria during the practicum experience. On-campus weekly meetings will review on-site problems as well as professional practice and ethical issues. The placement site is usually different from Practicum I. Placement will depend on timely compliance with published departmental criteria and availability of practica sites.

**BHSC 490 Research in Behavioural Science** [A/S: 0-0-6]2.

Prerequisite: Departmental Consent

Rotation: Every Fall/Winter

Individual work in research in psychology or sociology under the guidance of a faculty advisor. The student will prepare a written report using a scientific format and will present it at a seminar.

**BHSC 496 Seminar in Behavioural Science** [A: 0-3-0]3.

Prerequisite: Departmental Consent

Rotation: Odd Academic Year: Winter

A survey of controversial topics in behavioural science and how these are related to philosophy of science issues in general. This is a capstone course that will integrate previously learned concepts. Critical thinking skills are emphasized to facilitate the integration of theory and research methods.

## BIOCHEMISTRY

†**BCHM 310 Biochemical Molecules** [S: 3-0-3]3.

Prerequisite: CHEM 242

Rotation: Every Fall

Lab Course

The study of the structure and function of carbohydrates, lipids, proteins, and nucleic acids in cellular systems.

†**BCHM 315 Biochemical Processes** [S: 3-0-3]3.

Prerequisite: CHEM 242 or BCHM 310

Rotation: Every Winter

Lab Course

Studies in bio-energetics, metabolism, biosynthesis, and the transmission of genetic information.

## BIOLOGY

†**BIOL 100 Foundations in University Biology** [S: 3-0-3]3.

Rotation: Arranged

Lab Course

An exploration of topics in biology that give a foundation for university studies. Note: Course may only be used to meet the elective requirements of a degree.

†**BIOL 110 Human Ecology** [S: 3-0-3]3.

Rotation: Every Fall/Winter

Lab Course

Restriction: Students with credit in BIOL 235 may not take BIOL 110 for credit.

Biological basis for human ecology including origins, evolution, biological peculiarities, and exploding populations; the place of humans in and influence on the biosphere; and speculation concerning their future. Demonstration laboratories and discussions form an integral part of the course.