

## Certificate in Alcohol/Drug Studies

A certificate of special study is awarded to those students who successfully complete a minimum of 12 units of interdisciplinary academic coursework in the area of alcohol and drug abuse. Students seeking the certificate:

1. must have completed two years of college or two years of experience related to the field of alcohol/drug abuse, and
2. must be regularly enrolled in the university.

All coursework must be taken for a letter grade and completed with a grade of C or better in each of the 9 required units and the 3 units of electives. The following list includes the course requirements for the certificate:

### Requirements (9 units)

PH 110: Drugs, Society, and Health

PH 111: Alcohol and Alcoholism

SWRK 129: Treatment of Chemical Dependency

### Elective(s) (3 units)

Select 3 units from the following listings:

CRIM 141: Alcohol, Drugs, and Criminality (3 units)

WS 115: Women, Children, and Alcohol (1 unit)

WS 150T: Women and Alcohol (1 unit)

CRIM 190, PH 190, SWRK 190, or WS 190: Independent Study on selected aspects of alcohol/drug abuse (1 unit)

### Total (12 units)

For further information you may contact the Department of Public Health at 559.278.4014.

## Certificate in Applied Sociological Research Methods

The certificate gives students who are interested in data analysis and research methodology a more comprehensive coverage of research techniques and theories in both qualitative and quantitative areas, and it provides more in-depth training in computer applications for research.

Students who complete the requirements for this certificate will have the ability and skills needed to do social research independently once they graduate and join the workforce. They will also be better prepared to enter graduate schools with these skills and knowledge.

### Requirements

SOC 125 - Statistics for the Social Sciences

SOC 174 - Computer Data Analysis

SOC 175 - Quantitative Research Methods in Sociology

SOC 176 - Qualitative Research Methods in Sociology

The latter two courses (i.e., in "research methods") serve as the capstone experience of the Certificate in Applied Sociological Research. Each of these two courses is designed to have the student complete the course with a relatively well-developed research paper that could be presented at an undergraduate research conference. The Sociology Club applies each year for ASI Instructionally-Related Activities (IRA) funding to help sponsor sociology students who wish to present their paper at such a conference. Faculty often work with students on an "Independent Study" to assist students in preparation for this culminating experience.

## Certificate in Biotechnology

The Certificate of Advanced Study in Biotechnology is a postbaccalaureate, one-year, laboratory-intensive program of study consisting of eight specified courses among the M.Bt. program courses. Students may not receive both the M.Bt. and the Certificate of Advanced Study in Biotechnology.

Students interested in entry-level biotechnology careers may pursue the certificate to acquire a breadth of relevant technical skills and knowledge for enhanced career options. Students with advanced degrees (M.S., Ph.D., J.D., M.D.) may expand