

PHOTOGRAPHY

See course descriptions under Technology Education: Photography on p. 139.

GRAPHIC ARTS AND DIGITAL MEDIA

See course descriptions under Technology Education: Digital Multimedia on p. 137.

BEHAVIORAL SCIENCES

Nethery Hall, Room 123
(616) 471-3152, FAX: (616) 471-3108
bhsc-info@andrews.edu
<http://www.andrews.edu/BHSC>

Faculty

Duane C. McBride, *Chair*
John M. Berecz
Sharon A. Gillespie
Herbert W. Helm
James H. Hopkins
Øystein S. LaBianca
Lionel N. A. Matthews
Sue E. Murray
Derrick L. Proctor
Larry S. Ulery
Kristopher P. Zygowiec

Academic Programs	Credits
BS: Behavioral Sciences	60
Anthropology	
Public Health	
Student Development	
Substance Abuse	
BS: Family Studies	60
BS: General Studies	60
Cross-Cultural Relations	
Human Organization and Development	
BS: Psychology	60
General Program	
Health Psychology	
Pre-professional Program	
BS: Sociology	60
Development	
Deviant Behavior	
Sociology of the Family	
Minor in Anthropology	30
Minor in Behavior Sciences	30
Minor in Behavior Sciences (with teacher certification)	36
Minor in Family Studies	30
Minor in Geography	30
Minor in Psychology	30
Minor in Sociology	30
MSA	48
• Community Development	
• International Development	

The Department of Behavioral Sciences is organized as a consortium where faculty share expertise and research endeavors in related disciplines. The behavioral sciences are concerned with the study of how human beings think and behave as individuals, and in sociocultural and ecological systems.

DEPARTMENT AIMS

This department aims (1) to introduce students to the salient discoveries and procedures accumulated from research in behavioral sciences disciplines and (2) to empower students to utilize this knowledge in furthering the mission of Seventh-day Adventists: restoring men and women to the image of their Maker. The department fulfills these aims by three principal means: (1) instruction by Christian professors; (2) coursework which develops a strong liberal-arts foundation and interdisciplinary preparation

leading to many different fields of Christian service; and (3) extracurricular participation by students in voluntary religious activities, community service, and research.

TEACHER CERTIFICATION

Students seeking teacher certification on the secondary level may enroll in the BS in Behavioral Sciences (Student Development Emphasis), the Behavioral Sciences minor in teacher certification, or the Sociology minor. Elementary certification is available only for the Behavioral Sciences minor in teacher certification. See the School of Education for full details.

MINORS, COGNATES, AND ELECTIVES

Majors should take advantage of the variety of undergraduate courses available at Andrews to acquire a broad education. Combining behavioral science courses with other areas such as business, health, and language provides avenues for reaching individual professional goals.

Students should counsel with advisers in selecting cognates and electives. Volunteer work is most beneficial and majors are urged to seek opportunities through the Community Service Assistantship Program (CSAP). Those planning to pursue graduate studies should seek opportunities in research.

RESEARCH SEQUENCE

It is strongly recommended that all BS majors take the Research Methods Sequence during their junior year.

Undergraduate Programs

BS: Behavioral Sciences—60**Core Courses—30-32**

ANTH124 or 336, 200; PSYC101, 210, 450; SOCI119, 306, 427; PSYC469 OR SOCI474.

A minimum of 36 credits must be selected from courses numbered 300 or above.

Cognate Requirement

STAT285.

The remaining credits are to be selected from at least two of the areas offered in the department or as specified in an area of emphasis below. Majors are required to take the major field test in either psychology or sociology. Those with specific vocational goals may wish to consider one of the following areas of emphasis:

Anthropology Emphasis**Core Courses—30-32****Emphasis Courses**

ANTH205, 478, 496 (6 credits); ENGL440; FMST350; SOCI425.

Required cognates

BIOL111,112 or 155, 156, 157; ECON308; GEOG125; HIST400; STAT285. For students planning graduate-level training in anthropology, foreign language is highly recommended.

Public Health Emphasis**Core Courses—30-32****Emphasis Courses**

BHSC440 Topics: Human Disease, Community Health, Health Behavior Change, Substance Abuse Prevention; PSYC319, 354, 420, 460, 471; SOCI415, 420, 428.

Required cognates

BIOL111,112,260 or BIOL155,156,157;
CHEM111,112 or CHEM121,122,123;
STAT285; FDNT230; PETH374.

Student Development Emphasis**Core Courses—30-32****Emphasis Courses**

PSYC204; 251 or 252; 420, 466; SOCI120,
345, 480 (1 credit).

Required cognates

EDPC430; EDTE389; STAT285. *Students desiring secondary-teaching certification must also take EDCI486; EDPC302; EDTE215, 354, 417, 424, 459S, 465.*

Substance Abuse Emphasis**Core Courses—30-32****Emphasis Courses**

PSYC449, 455, 458, 471, 486; 488 or
SOWK320; SOCI415; SOWK325.

Required cognates

BHSC440 Topics: Etiology and Disease Prevention; CHEM111,112; FDNT230; STAT285. *Course work in Spanish highly recommended.*

BS: Family Studies—60**Core Courses**

BHSC440 (5 credits); FDNT230; FMST115,
310, 454, 456, 470; EDRE438; FNCE 206;
PSYC251, 252, 420.

Electives chosen in consultation with program adviser. *Majors are required to take FDNT230 for the science breadth course.*

BS: General Studies—60**Core Courses**

ANTH124, 200; FMST310; PSYC101, 251 or
252, 450, 469 or SOCI474; SOCI119, 427,
476 (1 credit). *A minimum of 36 credits must be selected from courses numbered 300 or above.*

Required Cognates

STAT285.

The remaining credits must be selected from one of the following emphases:

Cross-Cultural Relations Emphasis

In addition to the core courses listed under the BS in General Studies, the following courses (24 credits) should be taken: BHSC220; COMM436; FMST350; GEOG125; SOCI425, 430.

Human Organization and Development Emphasis

In addition to the core courses listed under the BS: General Studies, 24 credits should be selected from the following courses: BHSC440 Topics: Industrial Psychology; ECON225; FMST460; PSYC319; SOCI360, 375, 470.

BS: Psychology

Two options are available—the General Program and the Pre-Professional Program. The Pre-Professional Program is for students planning a graduate degree. Whichever program students choose, they should consult their adviser in regard to their psychology classes, general or elective classes, and an elective minor. Classes should be chosen with occupational goals in mind. Students planning on graduate school should choose classes

in an area of specialization. All majors are required to take the major field test in psychology before graduation.

Pre-Professional Program—60**Core courses**

PSYC101, 354, 427, 428, 429, 469; SOCI306; PSYC476 (2 credits) or HONS497 (2 credits). One course from PSYC486; BHSC440 Topic: Industrial/ Organizational Psychology. A minimum of 6 courses from Group A & B. A minimum of two courses from Group A: PSYC364, 449, 465; ZOOL475. A minimum of two courses from Group B: PSYC251 or 252, 450, 454, 460. A minimum of 36 credits must be selected from courses numbered 300 or above. Electives can be chosen from any PSYC courses.

Required cognates

18-23 credits from BIOL111, 112 or 155, 156, 157; SOCI119 or ANTH200; STAT285. *A practicum and a reading knowledge of a foreign language are strongly recommended, particularly for students who plan to take graduate study in psychology.*

General Program—60**Core courses**

PSYC101, 427, 429, 469, 480 (2 credits); SOCI306. One course from PSYC486; BHSC440 Topic: Industrial/ Organizational Psychology. A minimum of 5 courses from Group A & B. Two courses from Group A: PSYC210, 364, 449; 465, 471; ZOOL475. Two courses from Group B: PSYC251 or 252, 450, 454, 460.

Minor in Psychology—30

PSYC101, at least one of PSYC450, 454, 460; at least one of 210, 364, 465, 471; at least one of PSYC427, 429.

Minor in Sociology—30

SOCI119; one of BHSC220; SOCI120, 425 or 430; one of SOCI315, 345 or 415; one of SOCI360, 420 or 470; SOCI474.

**Graduate
Programs**

MSA in Community Develop-

BHSC235 V (4.5 qtr; 3 sem)
Culture, Place, and Interdependence
Distance education—see content above.

BHSC300 (2)
Philosophy of Service Fieldwork
Provides an opportunity for the practical application of the theories, principles, and concepts learned in BHSC100S. Prerequisite: BHSC100S or permission of Service Learning Coordinator. Does not apply to a major or minor.

BHSC438 (1-2)
Workshop:
Provides an opportunity to study in a focused area within the behavioral sciences.

BHSC440 9 (1-5)
Topics in _____
Examines emerging issues in the behavioral

Current psychological theories relating to psychological development, maturity, and decline as evidenced during the adolescent, youth, middle age, and retirement years. Prerequisite: PSYC101.

PSYC252 **V (6 qtr; 4 sem)**

The Psychology of Adolescence, Youth, and Aging

Distance education—see content above.

PSYC319 **(4)**

Stress Management

An introduction to stress along with signs and symptoms of stress and identification of stressors in a person's life. Students learn how to increase stress tolerance and implement change.

PSYC354 **(4)**

Statistical Reasoning

Statistical analysis of data, including parametric and nonparametric techniques, practice in analysis of professional reports and/or journal articles are done with an emphasis on the relationship of statistical thinking, reasoning, and inference to scientific investigation including hypothesis testing. Prerequisite: STAT285 or permission of instructor.

PSYC364 **(4)**

Learning and Behavior

A study of theories of learning which evaluates connections between learning and behavioral processes within and between humans and animals. Prerequisite: PSYC101.

PSYC364 **V (4.5 qtr; 3 sem)**

Learning and Behavior

Distance education—see content above.

PSYC420 **g (4)**

SOCI119 V (4.5 qtr; 3 sem)

Principles of Sociology

Distance education—see content above.

SOCI120 (3)

Marriage Dynamics and Growth

An introductory study of the factors leading to a stable marriage relationship and growth within that relationship in contemporary American society.

SOCI306 (1)

Pre-Professional Seminar

SOCI580 (2)
***Seminar in Community Development
Leadership***

Topics include philosophical and spiritual foundations, profiles in leadership, strategic planning, grantsmanship, networking and interagency relations, managing volunteers, program evaluation. Offered over 3 quarters.

