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Acknowledgments

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would like to recognize the following individuals
for their contributions to this handbook:

<i>Original Text:</i>	Duane McBride Øystein LaBianca
<i>2007 Edition Updating:</i>	Duane McBride Beverly Peck

LETTER FROM THE DEPARTMENT CHAIR

Dear Student,

The Andrews University Department of Behavioral Sciences was established in 1963. Throughout our history, we have sought to develop a quality, broad-based interdisciplinary curriculum that prepares students for a variety of directions in graduate work and employment. A major in general Behavioral Sciences, in one of our emphases or in one of our specific disciplines, Psychology, Health Psychology, Sociology or Family Studies will provide preparation for:

- 1) Employment at the undergraduate degree level in such areas as mental health and social services, public health or criminal justice.
- 2) The pursuit of graduate studies in one of the Behavioral Sciences.
- 3) Such professional program as, education, medicine, dentistry, law, social work, public health or business.
- 4) Later career changes.

As a student, you are an important reason for our being at Andrews University. In teaching, research, and mentoring relationships, as well as friendships, department faculty seek to provide the best environment possible for allowing each individual student to reach their potential.

Since its founding, the Department of Behavioral Sciences has been guided by an underlying philosophy that has emphasized a holistic approach to teaching. We can offer you an excellent faculty (two of whom have been chosen as university Teachers of the Year), a strong research program and the opportunity for involvement in community service. Faculty include students in a variety of research projects such as archeological digs in the Middle East, research on the causes of substance abuse and strategic planning for the General Conference of Seventh-day Adventists. In addition, our department's faculty and students have led the way at Andrews University in developing community service opportunities.

In studying the Behavioral Sciences at Andrews University, you will work with faculty who are active in their church, in the advancement of their field of study and in the community. They will help you to understand the Christian basis for equality and justice, to become active citizens in the community, and to prepare you for entry into your chosen profession in the Behavioral Sciences or other fields.

I look forward to working with you in our department.

Sincerely,

Duane C. McBride

Duane C. McBride, Ph.D.
Professor and Chair
Department of Behavioral Sciences









If we can answer any questions for you, please contact:

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THE DEPARTMENT OF BEHAVIORAL SCIENCES

A
BEHAVIORAL
SCIENCES
MAJOR
IS ONE OF THE
MOST VERSATILE
LIBERAL ARTS MAJORS
YOU CAN TAKE

Do you find yourself asking the following questions?

-  Why do we do the things we do?
-  Is there theology apart from culture?
-  Can human groups live in peace with one another?
-  How do we develop and maintain healthy relationships?
-  What can we do about AIDS, STDs and teen pregnancy?
-  Why is it like this here and so different everywhere else?

If so, then consider a major in one of the Behavioral Sciences!

HISTORY AND MISSION

In 1963, the Department of Behavioral Sciences at Andrews University offered its first degree programs in general behavioral sciences, psychology and sociology. Since that time, we have expanded the original offerings to include multiple emphases, an additional degree area on the undergraduate level, and a graduate degree. The Department averages a total of 75-90 majors per year, making us one of the largest departments at Andrews University. We are proud of the excellent education and opportunities we offer our students.

The behavioral sciences are concerned with the study of how human beings think and behave, both as individuals and in social, spiritual and cultural settings. Our Department aims to 1) introduce students to the salient discoveries and procedures accumulated from research in the various behavioral sciences disciplines, and 2) empower students to utilize this knowledge in furthering the mission of Seventh-day Adventists: restoring men and women to the image of our Maker.

The Department's main areas of study at the bachelor's degree level include opportunities to major in general behavioral sciences, family studies, health psychology, general and pre-professional psychology, and several areas within sociology. We also offer minors in each of the above areas plus a minor in anthropology and in geography. In addition, we offer a Master of Science in Administration in Community Development as well as being a member of a multi-school program offering the Master of Science in Administration in International Development.

If you are considering a degree in one or more of these fields and are wondering where to pursue your studies, here is some information about what Andrews has to offer. We hope you will find it helpful in making up your mind on where to continue your education.

STUDYING FOR A DEGREE THROUGH THE DEPARTMENT OF BEHAVIORAL SCIENCES AT ANDREWS UNIVERSITY

The Department of Behavioral Sciences has outstanding faculty, each one of whom can help guide you in refining your career goals and plans. If you are thinking, for example, about becoming a psychologist or counselor of some kind, four of our faculty members are professional psychologists with whom you can discuss your plans. Our major in psychology has been designed to enable you to select a specific direction within the field of psychology toward which to work, including health psychology, general psychology, and pre-professional programs. Being able to tailor a specific track to your needs is a distinct advantage in terms of gaining admission to graduate schools and landing a job. We currently have about 68 students majoring in psychology, four of whom are in the health psychology program.

If your interests are more in the direction of the social sciences, we have much to offer you here as well. We have on our faculty three sociologists, one public health professional, one anthropologist/ archaeologist, one geographer, and a coordinator for our MSA in Community Development. We offer degrees or emphases in anthropology, development, deviance, public health, student development and substance abuse prevention. Presently, we have approximately 12 behavioral sciences and 10 sociology majors.

Other options are available if you are interested in pursuing a degree in family studies. The B.S. in Family Studies has resided in the Department since 1994. Our faculty member in family studies is very active in both the community and academic settings, providing excellent instruction and advise for students interested in studying and supporting the essential structure of the family. We currently have 10 family studies majors.

In addition to offering a solid undergraduate education, our Department offers a Master of Science in Administration in Community Development. We are also members of a multi-school program offering the Master of Science in Administration in International Development. We feel these programs fill a niche not currently offered by any other Adventist program in the

United States: training leaders in the fields of community and international development.

**IN THE BEHAVIORAL
SCIENCES
DEPARTMENT,
YOU CAN COUNT
ON A
QUALITY EDUCATION**

CAREER-RELATED WORK EXPERIENCES

While being able to select between various majors and emphases will be important to you in getting on with your career plans, *career-related work experience can make a crucial difference* when it comes to applying for a job after college or even when you apply for admission to graduate school. Such work opportunities will also help you get more out of class lectures and book learning on which much of your college education is based. At the Department of Behavioral Sciences here at Andrews, we make every effort to help our students obtain career-related work experiences.

Since 1985, we have placed a large number of our majors in community service agencies as part-time employees through our *Community Service Assistantship Program (CSAP)*. As far as possible, we try to match student interests with the jobs available. To give you just a small idea of the range of jobs our students are working at, here is a brief list:

Assisting in urban planning at the city manager's office, counseling expectant teen-age mothers, counseling juvenile offenders, helping with parenting education, assisting with local county economic development programs, working with children in latchkey programs, teaching employment skills to hard-core unemployed juveniles and adults, assisting children and women with abusive fathers and husbands, assisting with health screening and health education among senior citizens, assisting with developing neighborhood-based crime watch programs, assisting with formation of neighborhood self-help groups, and much more.

A variety of jobs are also available in our Department and at institutes affiliated with the

Department. For example, several students assist faculty with research projects on both national and local levels. These projects cover a wide range of areas, including juvenile recidivism, substance abuse among high school students, crime and drugs, AIDS epidemiological research, cultural history of central Jordan, family structure and gender roles, depression and health, and the relationship between the social sciences and theology.

Alternating summers find many of our students accompanying faculty as volunteers on the Madaba Plains Project, an archaeological dig in Jordan. They gain academic credit in several areas as well as experience in archaeology, ethnography, Arabic language and culture, and surveying.

In addition to the above, teachers in our Department and others are constantly on the look-out for good students to employ as readers. Several of our majors serve as teaching assistants and readers in our Department; others have found work as tutors at the University Academic Skills Center or at the Writing Center. The key to landing any of the above jobs is that you keep in touch with the teachers, that you are willing to take what is available to begin with and that you are faithful and willing to learn and to work steadily at the jobs you are provided with.

Adding up the career advisement which our faculty and readers can provide you with, the many different curriculum emphases among which you may choose, and the career-related jobs which we will try to help you find, ***you can count on a solid undergraduate education in your chosen field of study here in the Department of Behavioral Sciences.***

Our department faculty frequently lead trips to a variety of international destinations where students study human culture and behavior in their natural settings.

DEPARTMENT GRADUATES... ...WHERE ARE THEY?

We are proud of the fact that a number of our graduate students have gone on to do graduate work at some of our nation's most prestigious graduate schools, including the University of Michigan, Loma Linda University School of Medicine, Berkeley, University of Indiana, University of California, Harvard University, Brandeis University and many other schools.

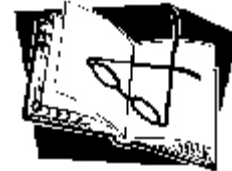
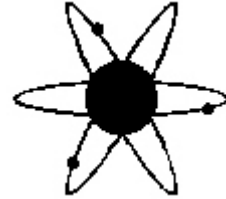
Our graduates have gone on to rewarding careers in education, medicine, health care administration, health promotion, personnel management, marketing and retailing, foreign service, civil service, and the social and mental health fields.

One question which many students and parents ask is, "What can a person do with only a bachelor's level degree in the behavioral sciences?" In other words, can students get jobs even without going on to graduate school?

A major in psychology or sociology--or any of the behavioral sciences areas--is one of the most versatile liberal arts majors you can take. However, the Department is committed to clearly communicating what students can expect from the "real world" of employment opportunities. If you are looking for employment at the undergraduate level with one of the degrees from the behavioral sciences, Public Health is an excellent option. The demand for bachelor's level public health workers is rising, especially due to the changes in the country resulting from the move toward managed care. This field will provide excellent growth opportunities for graduates within the foreseeable future.

When it comes to *bachelor level positions* in other behavioral sciences fields, jobs are available but your options are limited and the pay is normally less than what you would get if you pursued a degree in, for example, nursing. What typically happens, therefore, is that those who really want to make a career in psychology, sociology, anthropology, or geography go on to the masters and even the doctoral level. For persons with graduate degrees, the job opportunities in psychology and sociology are expected to grow faster than average, according to the *Occupational Outlook Handbook* issued by the Department of Labor.

Many of our Departmental majors go on for graduate work in other fields, such as medicine, business, or law. Many jobs today involve more than simply "high tech." They involve "high touch," or knowing how to get along with others in a variety of cultural settings, how to motivate others and how to resolve conflicts between people. This is what students in the behavioral sciences are good at. Research has shown that people who have majored in one of the behavioral sciences tend to go on to positions of leadership and responsibility in their chosen field of work. Furthermore, they also tend to have the resilience necessary to make it in several different careers.



“Overall employment of social scientists is expected to grow about as fast as the average for all occupations through 2010. Prospects are best for those with advanced degrees, and usually are better in disciplines such as sociology, anthropology, and archaeology, which offer more opportunities in non-academic settings.

Government agencies, social service organizations, marketing, research and consulting firms, and a wide range of businesses seek social science graduates, although often in jobs with titles unrelated to their academic discipline. Social scientists will face stiff competition for academic positions. However, the growing importance and popularity of social science subjects in secondary schools is strengthening the demand for social science teachers at that level.

Candidates seeking positions as social scientists can expect to encounter competition in many areas of social science. Some social science graduates, however, will find good employment opportunities in areas outside traditional social science, often in related jobs that require good research, communication, and quantitative skills.”

Occupational Outlook Handbook , 2002-03

DEPARTMENT OF BEHAVIORAL SCIENCES: FACULTY

DUANE C. MCBRIDE, PhD

Professor of Sociology and Department Chair

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Duane McBride is chair of the Behavioral Sciences Department at Andrews University and Director of the University's Institute for the Prevention of Addictions. In addition, he serves as an Adjunct Professor in the Department of Epidemiology and Public Health at the University of Miami School of Medicine. He received his Master degree from the University of Maryland in Industrial Sociology in 1970 and his doctorate in Sociology from the University of Kentucky in 1976. He has published in such journals as *The American Journal of Public Health*, *The American Behavioral Scientist*, *Criminology*, *AIDS Care*, *Journal of Drug Issues*, *The Journal of Behavioral Health Services & Research*, and *Human Organization*. His research interests include national drug policy, drug use prevention, etiology and consequences, drug treatment program evaluation, and health services research. Dr. McBride has published approximately 80 articles, chapters, books and monographs in these research areas as well as making frequent presentations at scientific and professional meetings. He is currently the Principal Investigator of the Illicit Drug Component of ImpacTeen -- a Policy Research Partnership supported by the Robert Wood Johnson Foundation. Dr. McBride also frequently serves as a consultant to a wide variety of governmental agencies and universities and as a member of National Institutes of Health, National Institute on Drug Abuse, and National Institute of Justice grant review committees.

Karl Bailey

Assistant Professor

B.S. in Psychology and Biology (Andrews University); M.A. in Psychology (Michigan State University); Ph.D. in Psychology (Michigan State University).

Dr. Bailey joined the Department of Behavioral Sciences in 2004. He is coordinating the Behavioral Neuroscience program that is a joint program of the Biology and Psychology departments of Andrews University. His primary research interests are psycholinguistics, comprehension of disfluent spontaneous speech, misinterpretation effects and language and the visual world. He has had publications in the following: *Trends in Cognitive Science*, *Cognitive Science*, *Journal of Memory and Language*, *Current Directions in Psychological Science*, and currently in press is “*The Disfluent Hairy Dog: Can Syntactic Parsing be Affected by Non-Word Disfluencies?*”

John M. Berez

Professor of Psychology

B.A. in Psychology (Columbia Union College); M.A. in Counseling Psychology (American University); Ph.D. in Clinical Psychology (Indiana University).

Dr. Berez joined the Department of Behavioral Sciences in 1971. His areas of expertise are clinical psychology and addictive behavior. He has been published in a number of journals including: *Psychological Bulletin*, *Social Science and Medicine*, *Journal of Consulting and Clinical Psychology*, *Behavioral Science*, *Behavior Therapy*, *Journal of Speech and Hearing Disorders*, *Theological Education*, *Journal of Communication Disorder*, *Neurology*, *Lancet*, *Addictive Behaviors*, and *Andrews University Seminary Studies*. Dr. Berez has written several books. “*Understanding Tourette Syndrome, Obsessive Compulsive Disorder, and Related Problems: A Developmental and Catastrophe Theory Perspective*”, published in 1992; “*Sexual Styles: A Psychologist’s Guide to Understanding Your Lover’s Personality*” published in 1998; “*Beyond Shame and Pain: Forgiving Yourself and Others*”, 1998, and “*All the Presidents’ Women: An Examination of Sexual Styles from Presidents Truman to Clinton*”, published 1999.

Dr. Berez is a member of the American Psychological Association and a Diplomate in Clinical Psychology of the American Board of Professional Psychology. He has presented papers at the APA, the Association for the Advancement of Behavior Therapy, the National Convention of the Association for Behavioral Analysis, and the First International Symposium on Tourette Syndrome.

Dr. Berez teaches the following: Theories of Personality, Behavior Modification, Psychology of Abnormal Behavior, and Developmental Psychology.

Mioara Diaconu

Assistant Professor and

Associate Director of Community and International Development

Pastoral Theology (Theological Adventist Institute, Romania); MSW (Andrews University); MSA in Administration: Community and International Development (Andrews University); PhD in Social Work (University of Texas, Arlington), 2007.

Ms. Diaconu is joining the Behavioral Sciences and Social Work departments as a shared position in the summer of 2007. She will teach in both departments and be the Associate Director of the on-campus Masters program of Community and International Development.

Herbert W. Helm, Jr.

Professor of Psychology

B.A. in Religion, B.S. in Physical Education (Andrews University); M.A. in Educational and Developmental Psychology, M.A.T. in Physical Education (Andrews University); Ph.D. in Psychology (University of Southern Mississippi).

Dr. Helm joined the Behavioral Sciences faculty in 1992. He brings with him considerable expertise in the areas of tests, measurements and counseling. Dr. Helm has worked as a psychologist for a non-profit agency, as well as the AU Counseling and Testing Center.

Dr. Helm has published in *Educational & Psychological Measurement*, *Psychological Reports*, *Journal of Psychology and Christianity*; *Pastoral Psychology*, *Journal of Mississippi Academy of Sciences*, *A.F.A. Watchbird*, contributed to the text *Completing Your Thesis or Dissertation*, as well as co-edited and co-authored the text *Many Voices: An Introduction to Social Issues*. He has presented at the American Psychological Association's Annual Convention, the American Psychological Society's Institute of Teaching of Psychology, the Midwestern Psychological Association's Council of Teachers of Undergraduate Psychology, the American Public Health Association, the American Sociological Association, and the Adventist Student Personnel Association.

The courses that Dr. Helm teaches include: Introduction to Psychology, Research Methods, Learning and Behavior, History and Systems of Psychology, Psychological Assessment, and Introduction to Counseling and Psychotherapy.

Dana Kendall

Assistant Professor of Psychology

B.S. in Psychology (Andrews University); MS in Industrial & Organizational Psychology (Florida International University); PhD. In Industrial & Organizational Psychology (University of Central Florida).

Dr. Kendall is joining the Behavioral Sciences faculty in summer, 2007. She is a member of the Academy of Management, American Psychological Association and the Society of Industrial & Organizational Psychology. She has published in *Advances in Human Performance and Cognitive Engineering Research*, and *Journal of Applied Psychology*.

Classes that she will be teaching include Introduction to Psychology, Human Development and Introduction to Health Psychology with more classes to be added.

Øystein S. LaBianca

Professor of Anthropology & Senior Director Off-Campus MSA

International Development

Associate Director of the Institute of Archaeology

B.A. in Behavioral Sciences and Religion (Andrews University); M.A. in Anthropology (Loma Linda University); Ph.D. in Anthropology (Brandeis University); Visiting Scholar in the Department of Archaeology (University of Cambridge, 1990-1991).

Dr. LaBianca joined the Behavioral Sciences faculty in 1980. He has been published in several journals including: *Current Anthropology*, *Andrews University Seminary Studies*, *Social Work in Health Care*, *American Journal of Physical Anthropology*, *Annual of Department of Antiquities of Jordan*, *American Schools of Oriental Research Newsletter*, *Bulletin of American Schools of Oriental Research*, *Revue Biblique*, *Food and Foodways*. He is the author of *Hesban I: Sedentarization and Nomadization* and co-editor of ten other scholarly volumes. Dr. LaBianca is also a contributing author to the *Oxford Encyclopedia of Biblical Archeology*. He has membership in the American Anthropological Association, the Society for American Archaeology, and the American Schools of Oriental Research. Dr. LaBianca was also recently awarded a grant from the National Geographic Society for the study of Cycles of Regeneration and Degeneration in the Landscape of Hesban: a Study of the Process of Environmental Degradation in Jordan.

During his nine-years chairing of the Department, Dr. LaBianca led out in the revamping of the undergraduate curriculum, including introduction of the health psychology and social work majors. He also played a key role in the introduction of the Community Services Assistantship Program, GENESIS Single Parent Program, the Summer Institute of Christian Service and the MSA in Community Services Management and the MSA in International Development.

Dr. LaBianca currently teaches Research Methods-Introduction, Introduction to Anthropology, Introduction to Archaeology, Cultural Anthropology, Global Food Systems and World Hunger, and Seminar in Cultural Anthropology. He has received a wide variety of awards for his teaching, research and contributions to the University.

Lionel Matthews

Associate Professor of Sociology

B.S. in Sociology (University of Guyana); M.S.. in Counseling (Indiana State University); Ph.D. in Sociology (Wayne State University).

Joining the Department in 1996, Dr. Matthews' areas of expertise are family relations and gender roles. Dr. Matthews has presented at the Global Awareness Society International and Caribbean Studies meetings. He has been involved with elementary and secondary institutions as both an educator and administrator, and served as the Education Officer for the Government of Guyana.

Dr. Matthews currently teaches the following courses: Principles of Sociology, Marriage and

Family, Race & Ethnic Relations, Sociology of Religion, Topics in Gender Roles, and Philosophy of Service.

Sue E. Murray

Associate Professor of Family Studies

B.S. in Home Economics (Atlantic Union College); M.A. in Home Economics, Family Studies Emphasis (Andrews University); MS in Human Services.

Mrs. Murray joined the Department in 1996. She brings with her expertise in the areas of parenting and strengthening family values and communities. Mrs. Murray holds several community positions with organizations such as Berrien County for Children, Gateway Vocational Rehabilitation Center, and the World Commission on Human Sexuality. She is a Certified Family Life Educator. She holds memberships with the American Association of Family and Consumer Sciences, Family Resource Coalition, Michigan and National Councils on Family Relations, and other professional organizations. Mrs. Murray has co-authored two books on parenting (*Mom to Mom: Heart to Heart* and *A Rainbow of Messages and Activities for Lovable & Capable Kids*) and serves as editor and writer for *Creative Parenting*. She has presented at such national conferences as the National Council on Family Relations, the International Congress on Child Abuse and Neglect, and Family Life International.

Mrs. Murray currently teaches Human Sexuality, Marriage and the Family, Understanding Abuse in Family & Society, Parent-Child Relationships, Management and Decision Making in the Family, Introduction to Family Studies and Teaching Methods of Family Life Education.

Holds certification in family and consumer sciences and is a licensed marriage and family therapist.

Derrick L. Proctor

Professor of Psychology

B.A. in Psychology (Columbia Union College); M.A. in Counseling and Testing (American University); Ph.D. in Psychology (Purdue University).

Dr. Proctor joined the Department of Behavioral Sciences in 1969, adding his expertise in developmental psychology to the Department's knowledge base. Dr. Proctor has been published in *The Bulletin*, *The Journal of the Christian Association for Psychological Studies*, and has also written a teacher's manual for the enhancement of moral development. He is a member of the American Psychological Association, American Psychology Society, and the Midwestern Psychological Association. He has presented papers to CAPs, the American Psychological Association, APS, MPA and the National Institute for the Teachers of Psychology. Dr. Proctor's current research is in the area of romantic relationships, social psychology, and the language of

psychology. Dr. Proctor currently teaches Introduction to Psychology, Honors Introduction to Psychology, Social Psychology, and The Psychology of Adolescence, Youth and Aging.

Larry Ulery

Assistant Professor of Community Services Management;

Director, Community Services Assistantship Program

B.S. in Health Science (Western Michigan University); M.A. in Counseling and Guidance (Andrews University); M.S.A. (University of Notre Dame).

Mr. Ulery joined the Department of Behavioral Sciences in 1991. Mr. Ulery is a member of the International Partnership for Service Learning, National Wellness Association, The Great Lakes Chapter of the Society for Public Health Education, and is a Certified Health Education Specialist. He has presented at the American Hospital Association National Convention and the National Annual Wellness in the Workplace Conference. He has conducted numerous workshops, seminars and classes related to health and health psychology.

Mr. Ulery currently directs the Community Services Assistantship Program. In addition, he teaches Seminar: Community Services Programming and Philosophy of Service. He also directs practicums, internships, and volunteer activities.

ADJUNCT FACULTY

Adjunct faculty in the Department of Behavioral Sciences are affiliated with Andrews University and the Department for research and academic purposes, but are officially based in other organizations for their full-time employment. The Department benefits greatly from their contributions in professional research, teaching, and peer involvement.

Gary L. Hopkins, Director, Institute for the Prevention of Addictions; Associate Professor of Public Health

M.D. (Universidad Autonoma de Guadalajara); M.P.H. and Dr.P.H. (Loma Linda University).
Research areas: drug use and addictions.

Harold E. James, Ph.D. MA. Geology, (Princeton University), Ph.D. Geology (Princeton University) Research areas: Geoscience.

Mary-Catherine (Kiti) Freier, Associate Professor, Chair, Department of Psychology, Loma Linda University

Ph.D. Philosophy (University of Health Sciences/The Chicago Medical School), Post-Doctoral fellowship major, Pediatric Psychology (Northwestern University Medical School, Chicago, IL); Post-Doctoral Internship major Child Clinical Psychology, Child & Family Therapy, (Henry Ford Hospital, Detroit, MI)

DEPARTMENT OF BEHAVIORAL SCIENCES: PROGRAMS OF STUDY

The degrees and programs offered in the Department of Behavioral Sciences are continually reviewed for quality and for how well they match the requirements of the professions they represent. Small changes to keep the programs up to date are usually made every summer. We want students to have the latest information available. Because of this, the following section includes two parts:

1) Disciplines Available: A general description of the disciplines offered through the Department

2) Degrees Offered: A yearly listing of official degrees offered (majors, emphases and minors) along with Internet addresses to check on the specific course requirements for each degree. The Internet address will have the following information under Academics.

The Internet address is: www.andrews.edu/BHSC

- Degree requirements
- General education requirements

This information is arranged on easy-to-use check sheets, so both advisors and students can easily plan student academic course work.

If you do not have access to the Internet, please call 269-471-3152 or 1-800-253-2874 and request check sheets for the program(s) in which you are interested.

DISCLAIMER: Please note that the **ANDREWS UNIVERSITY BULLETIN** will be considered the final word on any differences regarding class nature, names, numbers, credits available, descriptions, etc. and should be consulted. Andrews University and the Department of Behavioral Sciences reserve the right to change or modify requirements for any major, and discontinue any classes. If this will cause an inconvenience to the student, a reasonable alternative for completion of degree requirements will be provided.

DEPARTMENT OF BEHAVIORAL SCIENCES

DEGREES OFFERED 2007-2008

Following is a listing of all degrees offered by the Department of Behavioral Sciences. For easy-to-use check sheets with all degree and general education requirements, refer to the following pages.

UNDERGRADUATE DEGREES:

B.S.	Behavioral Sciences	
	General Program	39 credits
	Anthropology Emphasis	39 credits
	Anthropological Archaeology Emphasis	39 credits
	International Community Development Emphasis	38-39 credits
	Public Health Emphasis	39 credits
	Student Development Emphasis (Non-certification)	40 credits
	(Certification Program)	64 credits
B.S.	Family Studies	39 credits
	Family and Consumer Sciences Emphasis	33 credits
B.A.	Psychology	31 credits
B.S.	Psychology	
	Behavioral Neuroscience	68 credits
	Pre-Professional Program	40 credits
	General Program	40 credits
	Health Psychology Emphasis	39 credits
B.A.	Sociology	30 credits
B.S.	Sociology	
	General Program	38-39 credits
	Deviant Behavior Emphasis	38-39 credits
	Sociology of the Family Emphasis	39 credits

MINORS:

Students are no longer required to have both a major and a minor in order to graduate with a bachelors' degree. However, many students still want to combine a minor with their major program of study. Combinations help broaden a student's educational experience and can significantly improve chances of employment or acceptance into graduate school.

Minor in Anthropology	20 credits
Minor in Behavioral Sciences	20 credits
Minor in Behavioral Sciences (with teacher certification)	27 credits
Minor in Family Studies	20 credits
Minor in Geography and International Development	21 credits
Minor in Psychology	20 credits
Minor in Sociology	20 credits

GRADUATE DEGREES:

M.S.A. Post Graduate Degree	
Community and International Development	40 credits
International Development (off-campus)	34 credits

Behavioral Sciences — 39 Credits

The Behavioral Sciences (sometimes known as the social sciences) all share an interest in the same subject matter: human behavior. Behavioral scientists seek a holistic understanding of human behavior including needs, purposes, and commitments. They attempt to combine or integrate the perspectives coming from many disciplines, especially emphasizing anthropological, psychological, and sociological contributions. Knowledge, understandings, and insights from child development, economics and the humanities are prized as well. The behavioral scientist attempts to understand, predict and favorably influence human beings. Both scientific research and practical application are involved. The behavioral sciences major is a recognized teaching major at the secondary level and as such contributes to professional certification as an educator.

(A minimum of 27 credits must be selected from courses numbered 300 or above)

CORE COURSES— 15 Credits

ANTH124	Introduction to Anthropology
	or
ANTH200	Cultural Anthropology
	or
SOCI119	Principles of Sociology
PSYC269	History & Systems of Psychology
	or
SOCI474	Social Thought and Theory
PSYC/SOCI432	Research Methods II: Introduction
PSYC101	Introduction to Psychology
PSYC450	Social Psychology

SUGGESTED GENERAL EDUCATION COGNATES - 3 CREDITS

BHSC220	Contemporary Social Issues
	or
BHSC235	Culture, Place and Interdependence
PHIL224	Introduction to Philosophy

REQUIRED COGNATES

BHSC230	Research Methods I: Statistics
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ELECTIVES - 24

GENERAL EDUCATION --- 56-61+

Classes listed in front of Andrews University Bulletin, pg. 37 for BA and BS degrees.

ELECTIVES: 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.

In addition to a general Behavioral Sciences major, we also offer five emphases within the major. Emphasis in Anthropology, Anthropological Archaeology, International Community Development Emphasis, Public Health, and Student Development are described on the following pages.

B.S. Behavioral Sciences Majors - 39 Credits 2007-2008 Planning Guide

Fall		Spring	
1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 English Comp I 3 HIST117 Civilizations & Ideas I 3 PHIL224 Intro to Philosophy 3 Total for Semester 15	INFS100 Computer Tools 3 MATH145 Reasoning with functions 3 HIST118 Civilization & Ideas II 3 HLED120 Fit & Well 1 COMM104 Communications Skills 3 <u>Choose one from this list</u> 3 ANTH124 Intro to Anthropology SOCI119 Principles of Sociology ANTH200 Cultural Anthropology Total for Semester 16	
2nd Yr	BHSC230 Research Methods I: Statistics 3 ENGL215 English Comp. II 3 SOCI432 Research Methods II 3 <u>Choose 1 Life Science*</u> 4 BIOL208 Principles of Environmental Sci. FDNT230 Nutrition <u>Choose one from this list</u> 3 RELB210 Jesus in His Time & Ours RELT250 Personal Spirit. & Faith RELT225 Doctrines of Adventist Faith Total for Semester 16	IDSC211 Creativity & the Arts 3 Phys. Education 1 BHSC100 Philosophy of Service 2 <u>Choose one from this list</u> 3 BHSC220 Contemporary Social Issues BHSC235 Culture, Place & Interdependence <u>Choose one from this list</u> 3 Psyc269 History & Systems of Psychology SOCI474 Social Thought & Theory Electives from 2 other majors in Behavioral Sciences 6 Total for Semester 16	
3rd Yr	Phys. Education 1 <u>Choose one from this list</u> 3 BHSC220 Contemporary Social Issues BHSC235 Culture, Place & Interdependence Electives from 2 other majors in Behavioral Sciences 12 Total for Semester 16	RELT340 Religion & Ethics in Modern Society 3 <u>Choose 1 Physical Science*</u> 4 CHEM100 Consumer Chemistry PHYS110 Astronomy PHYS115 Concepts of Physics Electives from 2 other majors in Behavioral Sciences 9 Total for Semester 16	
4th Yr	RELP400 Senior Seminar: Health Professions 3 Electives from 2 other majors in Behavioral Sciences 12 Physical Education 1 Total for Semester 16	PSYC450 Social Psychology 3 Electives from 2 other majors in Behavioral Sciences 12 BHSC300 Phil. Of Service Fieldwork 0-2 Total for Semester 15	

Total 124+ Credits

* All Students must take 1 Life Science and 1 Physical Science Course
 27 credits must be from courses numbered 300 or above.
 PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

Behavioral Sciences: Anthropology Emphasis — 39 Credits

(27 credits must be selected from courses numbered 300 or above)

Anthropologists study humankind in all its aspects: archaeological, biological, ethnological and linguistic. They seek to learn of human development, culture, and interaction in social groups. Usually anthropologists concentrate in one of four subfields: cultural anthropology, archaeology, linguistics, or physical anthropology, but there are also sub-fields in applied anthropology, applied archaeology, sociocultural anthropology, biological and medical anthropology, and many other areas. Anthropologists are involved in the dusty past and the immediate present: from archaeological digs of biblical cities in Jordan to exhuming human remains from the recent massacres in the Bosnia and Croatia.

Collecting data, documents, or physical evidence relevant to the subject of study are among the work activities of an anthropologist. Other work activities include conducting research and supervising research trips and digs. Many teach, lecture, and write books. Sixty percent of all anthropologists are employed by colleges and universities. Some work for the federal, state, or local government. Others work in museums, consulting firms, research institutes, business, and industry.

CORE COURSES—15

ANTH124	Introduction to Anthropology or
ANTH200	Cultural Anthropology or
SOCI119	Principles of Sociology
SOCI/PSYC432	Research Methods II: Introduction
SOCI474	Social Thought and Theory or
PSYC269	History and Systems of Psychology
PSYC101	Intro to Psychology
PSYC450	Social Psychology

REQUIRED COGNATE - 3

BHSC230	Research Methods I: Statistics for Behavioral Sciences
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ANTHROPOLOGICAL CORE - 15

ANTH124	Introduction to Anthropology or
ANTH200	Cultural Anthropology
ANTH205	Introduction to Archaeology
ANTH455	Ethnography
ENGL440	Language and Culture or
COMM436	Intercultural Communication

Select at least 9 credits from the following Choices:

ANTH415	Urban Anthropology
ANTH417	Applied/Development Anthropology
ANTH478	Archaeological and Ethnographical Perspectives on the Middle East
ANTH496	Supervised Fieldwork in Anthropology or Archaeology
BHSC440	Topics in: _____
BIOL330	History of Earth and Life
COMM436	Intercultural Communication
HIST468	
FMST350	Family Cultural Perspectives
MUHL458	American and World Music
PLSC460	Area Study: _____
RELG360	Topics in Religion: World Religions or
SOCI360	Introduction to International Development
SOCI425	Racial and Ethnic Relations

SUGGESTED GENERAL EDUCATION

Classes listed in front of Andrews University Bulletin, page 37 for BA and BS degrees. (The following courses are required in your general education program)

BHSC235	Culture, Place and Interdependence
BIOL165	Foundations of Biology
	or
BIOL208	Principles of Environmental Science
ECON225	Principles of Macroeconomics
PHIL224	Introduction in Philosophy
RELT348	Christians and the Environment

REQUIRED COGNATES - 3

BHSC230

*Recommended: For students planning graduate-level training in Anthropology, foreign language is highly recommended.

* Major Field Test: Majors are required to take the Major Field Test in either Anthropology or Sociology.

Anthropology Emphasis - 39 Credits 2007-08 Planning Guide

Fall

Spring

1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 English. Comp I 3 HIST117 Civilizations & Ideas I 3 PHIL224 Intro to Philosophy 3 Total for Semester 15	INFS100 Computer Tools 3 MATH145 Reasoning with functions 3 HIST118 Civilization & Ideas II 3 HLED120 Fit & Well 1 COMM104 Communications Skills 3 <u>Choose one from this list</u> 3 ANTH124 Intro to Anthropology SOCI119 Principles of Sociology ANTH200 Cultural Anthropology Total for Semester 16
2nd Yr	ECON225 Prin. of Macroeconomics 3 BHSC235 Culture, Place & Interdependence 3 BHSC230 Research Methods I 3 SOCI432 Research Methods II 3 Phys. Education 1 <u>Choose one from this list</u> RELB210 Jesus in His Time & Ours 3 RELT250 Personal Spirit. & Faith RELT225 Doctrines of Advent. Faith Total for Semester 16	IDSC211 Creativity & the Arts 3 BIOL100 Human Biology* 4 ENGL215 English Comp. II 3 ANTH205 Intro to Archaeology 3 <u>Choose one from this list</u> 3 ANTH200 Cultural Anthropology ANTH124 Intro to Anthropology Total for Semester 16
3rd Yr	9 credits from Anthropology emphasis list in bulletin pg. 94 9 Foreign language 3 Physical Education 1 <u>Choose one from this list</u> 3 PSYC269 History & Systems of Psychology SOCI474 Social Thought & Theory Total for Semester 16	RELT348 Christians & the Environment "S" 3 Foreign Language 3 ANTH455 Ethnography (or take it next year) 3 <u>Choose 1 physical Science.*</u> 4 CHEM100 Consumer Chemistry PHYS110 Astronomy PHYS115 Concepts of Physics <u>Choose one from this list</u> 3 ENGL440 Language and culture COMM436 Intercultural Communication Total for Semester 16
4th Yr	RELG360 Topics in Religion 3 BHSC100 Philosophy of Service 2 Phys. Education 1 Electives from suggested courses in bulletin pg. 94, Anthropology emphasis 9 Total for Semester 15	PSYC450 Social Psychology 3 International Tour 6 Electives 6 Total for Semester 15

Total credits must be 124 to graduate.

* All Students must take 1 Life Science and 1 Physical Science Course
27 credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

Behavioral Sciences: Anthropological Archaeology Emphasis ---- 39 Credits

(27 credits must be taken from courses numbered 300 or above)

BEHAVIORAL SCIENCES CORE COURSES—15

ANTH124	Introduction to Anthropology
or	
ANTH200	Cultural Anthropology
or	
SOCI119	Principles of Sociology
SOCI/PSYC432	Research Methods II: Introduction
SOCI474	Social Thought and Theory
or	
PSYC269	History and Systems of Psychology
PSYC101	Intro to Psychology
PSYC450	Social Psychology

ANTHROPOLOGICAL ARCHAEOLOGY CORE - 15

ANTH124	Introduction to Anthropology
or	
ANTH200	Cultural Anthropology
ANTH205	Introduction to Archaeology
ANTH435	Museum and Lab Methods
ANTH478	Arch & Ethnographic Perspectives on the Middle East
ANTH496	Supervised Fieldwork in Anthropological Archaeology

Select at least 9 credits from the following choices:

ANTH440	Topics: Archaeology and the Bible (OTST510)
ANTH440	Topics: Bible Lands Explorations (OTST514)
ANTH440	Topics: Archaeology of Palestine (OTST614)
BIOL330	History of Earth and Life
RELB110	Biblical Backgrounds

GENERAL EDUCATION

REQUIRED GENERAL EDUCATION—53 TO 57

Classes listed in front of Andrews University Bulletin for BA and BS Degrees. (The following courses are required choices in your general education or elective program.)

SUGGESTED GENERAL EDUCATION COGNATES

BHSC235	Culture, Place and Interdependence
BIOL165	Foundations of Biology
or	
BIOL208	Principles of Environmental Science
PHIL224	Introduction to Philosophy
RELT348	Christians and their Environment

REQUIRED COGNATES - 3

BHSC230	Research Methods I: Statics for Behavioral Sciences
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RECOMMENDED

*Recommended: For students planning graduate-level training in Anthropology, a foreign language is highly recommended.

*Major Field Test: Majors are required to take the Major Field Test in either Anthropology or Sociology.

Anthropological Archaeology - 39 Credits 2007-2008 Planning Guide

Fall

Spring

1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 Engl. Comp I 3 HIST117 Civilizations & Ideas I 3 BHSC100 Philosophy of Service 2	3	INFS100 Computer Tools 3 MATH145 Reasoning with functions 3 HIST118 Civilization & Ideas II 3 HLED120 Fit & Well 1 COMM104 Communications Skills 3 <u>Choose one from this list:</u> 3 ANTH124 Intro to Anthropology SOC1119 Principles of Sociology	3
	Total for Semester	14	Total for Semester	16
2nd Yr	BHSC230 Research Methods I: Statistics 3 SOCI432 Research Methods II 3 ENGL215 English Comp. II 3 ANTH205 Intro to Archaeology 3 <u>Choose one Life Science from this list</u> 4 BIOL208 Prin. Environmental Sciences BIOL165 Foundations of Biology	3	IDSC211 Creativity & the Arts 3 Phys. Education 1 BHSC235 Culture, Place & Interdependence 3 RELB210 Jesus in His Time and Ours 3 <u>Choose One of the Following:</u> 3 ANTH124 Intro to Anthropology ANTH200 Cultural Anthropology <u>Choose one from this list:</u> 3 PSYC269 History & Systems of Psychology SOC1474 Social Thought & Theory	3
	Total for Semester	16	Total for Semester	16
3rd Yr	<u>Choose one from this list</u> 3 RELT225 Doctrines of Adventist Faith RELT250 Personal Spirituality & Faith <u>Choose one Physical Science:</u> 4 PHYS110 Astronomy PHYS115 Concepts of Physics <u>Choose at least 9 credits from the following</u> ANTH440 Topics: OTST510 2-3 ANTH440 Topics: OTST514 2-3 ANTH440 Topics: OTST614 2-3 (ANTH440 May be done on summer tour) BIOL330 History of Earth & Life 3 RELB110 Biblical Backgrounds 3	3	RELT348 Christians & the Environment 3 ANTH435 Museum and Labs 3 Phys. Education 1 Electives 9 Total for Semester 16 <u>SUMMER</u> ANTH478 Archaeological & Ethnographical Persp 3 (Done on summer tour)	3
	Total for Semester	16	Total for Summer	3
4th Yr	ANTH496 Fieldwork 1-8 Phys. Education 1 PHIL224 Intro to Philosophy 3 Electives 3-9	1-8	PSYC450 Social Psychology 3 RELT340 Religion & Ethics in Modern Society 3 BHSC300 Service Fieldwork 0-2 Electives 9	3
	Total for Semester	14-15	Total for Semester	15

Total Credits 124 to graduate

* All students must take 1 Life Science and 1 Physical Science course.

27 credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

Behavioral Sciences: International Community Development Emphasis ---- 39 Credits
(27 credits must be taken from courses numbered 300 or above)

BEHAVIORAL SCIENCES CORE COURSES—15

ANTH124	Introduction to Anthropology
or	
ANTH200	Cultural Anthropology
or	
SOCI119	Principles of Sociology
SOCI432	Research Methods II: Introduction
SOCI474	Social Thought and Theory
or	
PSYC269	History and Systems of Psychology
PSYC101	Intro to Psychology
PSYC450	Social Psychology

COMMUNITY DEVELOPMENT CORE - 15

SOCI350	Introduction to Social Policy
SOCI360	Introduction to International Development
SOCI470	Demography
SOCI480	Field Experience

Select at Least 9 Credits from the Following Choices:

ANTH200	Cultural Anthropology
BHSC450	Community Health and Human Disease
BSAD355	Management and Organization
ECON225	Principles of Macroeconomics
SOCI415	Substance Abuse in American Society
SOCI433	Research Methods III: Advanced Research Design - Experimental and Survey
SOCI434	Research Methods IV: Advanced Statistical Analysis and SPSS

SUGGESTED GENERAL EDUCATION/COGNATES:

ANTH200	Cultural Anthropology
BHSC220	Contemporary Social Issues
BHSC235	Culture, Place and Interdependence
BIOL208	Principles of Environmental Science
FDNT230	Nutrition
PHIL224	Introduction to Philosophy
RELT348	Christians Business Ethics
RELP325	Preparation for Mission Service

REQUIRED COGNATES - 3

BHSC230	Research Methods I: Statistics for the Behavioral Sciences
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Recommended: A reading knowledge of a foreign language is strongly recommended for those planning on graduate work.
Major Field Test: Majors are required to take the Major Field Test in either Sociology or Psychology.

*It is expected that all majors will attend at least one professional conference before graduation.

International Community Development- 39 Credits 2007-2008 Planning Guide

	Fall	Spring
1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 Engl. Comp I 3 HIST117 Civilizations & Ideas I 3 PHIL224 Intro to Philosophy 3 Total for Semester 15	INFS100 Computer Tools 3 MATH145 Reasoning with functions 3 HIST118 Civilization & Ideas II 3 HLED120 Fit & Well 1 COMM104 Communications Skills 3 <u>Choose one from this list</u> ANTH124 Intro to Anthropology 3 ANTH200 Cultural Anthropology SOCI119 Principles of Sociology Total for Semester 16
2nd Yr	BHSC230 Research Methods I: Statistics 3 SOCI432 Research Methods II 3 ENGL215 English Comp. II 3 <u>1 Life Science**</u> BIOL208 Prin. Environmental Sciences 4 <u>Choose one from this list</u> 3 RELB210 Jesus in His Time & Ours RELT250 Personal Spirit. & Faith RELT225 Doctrine of Adventist Faith Total for Semester 16	IDSC211 Creativity & the Arts 3 Phys. Education 1 *SOCI433 Research Methods III 3 *SOCI434 Research Methods IV 3 BHSC235 Culture, Place & Interdependence 3 <u>Choose one from this list</u> PSYC269 History & Systems of Psychology SOCI474 Social Thought & Theory 3 Total for Semester 16
3rd Yr	*ANTH200 Cultural Anthropology 3 *BHSC450 Community Health 3 SOCI360 Intro to International Development 3 BHSC220 Contemporary Social Issues 3 Phys. Education 1 SOCI350 Intro to International Development 2 Total for Semester 15	RELP325 Prep. For Mission Service 2-6 SOCI480 Field experience 1-8 <u>Choose 1 Physical Science: **</u> 4 CHEM100 Consumer Chemistry PHYS110 Astronomy PHYS115 Concepts of Physics Total for Semester 14-18
4th Yr	FDNT230 Nutrition 3 Language 3 Phys. Education 1 SOCI470 Demography 3 BHSC100 Philosophy of Service 2 Electives 4 Total for Semester 16	PSYC450 Social Psychology 3 Electives from list in bulletin 9 RELT348 Christians and the Environment 3 Total for Semester 15

* Check bulletin for other possible courses pg. 97

TOTAL of 124 Credits to graduate

**All Students must take 1 Life Science and 1 Physical Science Course

27 credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

Behavioral Sciences: Public Health Emphasis — 39 Credits

Public health professionals utilize a broad educational background in their work. The interdisciplinary nature of the public health profession fits naturally into the Department of Behavioral Sciences: psychology, wellness, health, sociology, and community development are all components of the public health professional's skills. Majors can look forward to strong job prospects upon completion of either undergraduate or graduate programs. Public health positions can be found at local, national and international levels. These positions deal with many areas, including strengthening communities and their children, prevention of disease and malnutrition, health education and promotion, and the study of epidemiology.

(27 credits must be taken from courses numbered 300 or above)

BEHAVIORAL SCIENCES CORE COURSES—15

ANTH124	Introduction to Anthropology
or	
ANTH200	Cultural Anthropology
or	
SOCI119	Principles of Sociology
PSYC101	Intro to Psychology
PSYC450	Social Psychology
PSYC269	History and Systems of Psychology
or	
SOCI474	Social Thought and Theory
SOCI/PSYC432	Research Methods II: Introduction

PUBLIC HEALTH CORE COURSES—15

BHSC440	Topics: _____
BHSC450	Community Health and Human Disease
PSYC319	Stress Management
or	
PSYC471	Behavior Modification
SOCI415	Substance Abuse
SOCI420	Medical Sociology

Select at least 9 credits from the following choices:

ANTH200	Cultural Anthropology
ECON225	Macroeconomics
SOCI120	Marriage Dynamics and Growth
SOCI350	Introduction to Social Policy
SOCI360	Introduction to International Development
SOCI433	Research Methods III: Advanced Research Design-Experimental and Survey
SOCI434	Research Methods IV: Advanced Statistical Analysis and SPSS
SOCI470	Demography
SOCI480	Field Experience

SUGGESTED GENERAL EDUCATION COGNATES

BHSC235	Culture, Place and Interdependence
*BIOL111, *112	Anatomy and Physiology
or	
*BIOL165	Foundations of Biology
BIOL208	Principles of Environmental Science
*CHEM110	Introduction to Inorganic and Organic Chemistry
or	
*CHEM131,132	General Chemistry I & II
FDNT230	Nutrition
PHIL224	Introduction to Philosophy
RELT348	Christians and the Environment

REQUIRED COGNATES - 3

BHSC230	Research Methods I: Statistics for the Behavioral Sciences
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PUBLIC HEALTH MAJOR - 39 Credits
2007-08 Planning Guide

Fall

Spring

1st Yr.	PSYC101 Intro to Psychology	3	INFS100 Computer Tools	3
	RELT100 God & Human Life	3	MATH145 Reasoning w. functions	3
	ENGL115 Engl. Comp I	3	HIST118 Civilization & Ideas II	3
	HIST117 Civilizations & Ideas I	3	HLED120 Fit & Well	1
	PHIL224 Intro to Philosophy	3	COMM104 Communications Skills	3
			<u>Choose 1 from the list below:</u>	
			ANTH124 Intro to Anthropology	3
			ANTH200 Cultural Anthropology	
			SOC1119 Principles of Sociology	
	Total for Semester	15	Total for Semester	16
2nd Yr	BHSC230 Res. Methods I: Statistics	3	IDSC211 Creativity & the Arts	3
	*BIOL208 Prin. Environ Science	4	*SOCI433 Research Methods III	3
	ENGL215 English Comp. II	3	*SOCI434 Research Methods IV	3
	SOCI432 Research Methods II	3	BHSC235 Culture, Place & Interdep.	3
	<u>Choose 1 from the list below:</u>	3	Phys. Education	1
	RELB210 Jesus in His Time & Ours		<u>Choose 1 from the list below</u>	3
	RELT250 Personal Spirit. & Faith		PSYC269 History & Systems of Psych.	
	RELT 225 Doct. Of Advent. Faith		SOCI474 Social Thought & Theory	
	Total for Semester	16	Total for Semester	16
3rd Yr	RELP400 Sr. Seminar: Health Prof.	3	*BIOL112 Anatomy & Physiology II	3
	*BIOL111 Anatomy & Physiology I	4	BHSC450 Comm. Health & Hum. Dis.	3
	Elective	3	SOCI415 Substance Abuse	2
	<u>Choose 1 from the list below</u>	3	PSYC450 Social Psychology	3
	PSYC319 Stress Management		Phys. Education	1
	PSYC471 Behavior Modification		<u>1 Physical Science **</u>	4
	<u>Choose 1 from the list below</u>	3	CHEM100 Consumer Chemistry	
	SOCI350 Intro to Social Policy		PHYS110 Astronomy	
	SOCI360 Intro to Internat. Develop.		PHYS115 Concepts of Physics	
	Total for Semester	16	Total for Semester	16
4th Yr	*BHSC440 Topics in _____	3	SOCI420 Medical Sociology	3
	<u>Choose 1 from the list below</u>		FDNT230 Nutrition	4
	*SOCI470 Demography	3	RELT348 Christians & the Environment	3
	*SOCI480 Field Experience	1-8	*CHEM110 Intro to Inorganic/Org Chem	4
	BHSC100 Philosophy of Service	2	(Recommended but not required)	
	Electives from suggested classes in		Phys. Education	1
	bulletin under Public Health	8+		
	Total for Semester	15+	Total for Semester	15

Total credits must be 124 to graduate.

** All Students must take 1 Life Science and 1 Physical Science Course

* Check bulletin for other possible courses

27 credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

**Behavioral Sciences: Student Development Emphasis —
40 Credits(non-certification program)
64 credits(certification program)**

Student Development specialists work in 2-year community or junior colleges and 4-year colleges and universities providing a broad range of counseling services. These counselors may work in college placement offices where they deal with both students and alumni. The Behavioral Sciences major also serves as an accepted secondary school teaching major.

(27 credits must be taken from courses numbered 300 or above)

CORE COURSES—21

ANTH200	Cultural Anthropology or
SOCI119	Principles of Sociology
BHSC230	Research Methods I: Statistics for the Behavioral Sciences
PSYC210	Introduction to Health Psychology
SOCI/PSYC432	Research Methods II: Introduction
SOCI/PSYC433	Research Methods III: Advanced Research Des-Exp & Survey
PSYC450	Social Psychology
PSYC269	History and Systems of Psychology or
SOCI474	Social Thought and Theory

EMPHASIS COURSES

PSYC204	Dynamics of Personal and Social Adjustment
PSYC252	The Psychology of Adolescence, Youth, and Aging
PSYC420	Human Sexuality
PSYC466	Psychology of the Exceptional Child
SOCI120	Marriage Dynamics and Growth
SOCI345	Juvenile Delinquency
SOCI480	Field Experience

GENERAL EDUCATION

REQUIRED GENERAL EDUCATION—53 TO 57

Classes listed in front of Andrews University Bulletin for BA and BS Degrees. (The following courses are required choices in your general education or elective program.)

PSYC101	Introduction to Psychology
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REQUIRED COGNATES—2+

EDPC430	Introduction to Residence Hall Administration
EDTE389	Work Conference: Topic

RECOMMENDED:

EDPC438	Workshop
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SECONDARY TEACHING CERTIFICATION Requirements (certification program)—24

EDPC302	Educational Psychology
EDTE165	Philosophical and Social Foundations of Education
EDTE228	Strategies for Educating Exceptional and Diverse Learners
EDTE408	Principles of Teaching and Learning
EDTE417	Teaching Reading in the Secondary Content Areas
EDTE424	Classroom Testing and Evaluation
EDTE459	Methods for Teaching Secondary School: Area
EDTE476	Methods for Integrating Instructional Technology: Topic
EDTE480	First Days of School Experience
EDTE487	Student Teaching Seminar
EDTE488	Student Teaching (Level)

Major Field Test: Majors are required to take the Major Field Test in either Psychology or Sociology.

Behavioral Sciences Majors
Student Development Emphasis - 40 Credits (Non Certification Program)
2007-08 Planning Guide

	Fall	Spring
1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 English. Comp I 3 HIST117 Civilizations & Ideas I 3 PHIL224 Intro to Philosophy 3 Total for Semester 15	INFS100 Computer Tools 3 MATH145 Reasoning with functions 3 HIST118 Civilization & Ideas II 3 HLED120 Fit & Well 1 COMM104 Communications Skills 3 <u>Choose one from this list</u> 3 SOC119 Principles of Sociology ANTH200 Cultural Anthropology Total for Semester 16
2nd Yr	BHSC230 Research Methods I 3 SOCI432 Research Methods II 3 ENGL215 English Comp. II 3 <u>Choose one from this list</u> PSYC269 Hist & Systems of Psychology 3 SOCI474 Social Thought & Theory <u>Choose 1 from this list:</u> RELB210 Jesus in His Time & Ours 3 RELT250 Personal Spirit. & Faith RELT 225 Doctrines of Adventist Faith Total for Semester 15	IDSC211 Creativity & the Arts 3 Phys. Education 1 PSYC210 Intro to Health Psychology 3 SOCI433 Research Methods III 3 SOCI120 Marriage, Dynamics & Growth 3 PSYC204 Personal, Social & Career Development 3 Total for Semester 16
3rd Yr	SOCI345 Juvenile Delinquency 3 PSYC252 Psychology of A, Y, A 3 BHSC100 Philosophy of Service 2 <u>1 Life Science**</u> 4 BIOL208 Prin. Of Environmental Science FDNT230 Nutrition <u>Choose 1 from the following list:</u> 3 BHSC220 Contemporary Social Issues BHSC235 Culture, Place & Interdependence PSYC180 Dealing with Your Mind IDSC237 The Individ, State & Marketplace Total for Semester 15	Phys. Education 1 RELT340 Religion & Ethics in Modern Society 3 EDPC430 Residence Hall Administration 2 Electives 6 <u>1 Physical Science **</u> 4 PHYS110 Astronomy PHYS115 Concepts of Physics Total for Semester 16
4th Yr	RELP400 Senior Seminar: Health Professions 3 PSYC420 Human Sexuality 3 PSYC466 Exceptional Child 3 EDPC438 Workshop 1-4 Electives 3-6 Total for Semester 16	Phys. Education 1 PSYC450 Social Psychology 3 SOCI480 Field Experience 1-8 BHSC300 Fieldwork 0-2 Electives 2-8 Total for Semester 16

Total 124+ credits to Graduate

** All Students must take 1 Life Science and 1 Physical Science Course

27 credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

Family Studies — 39 Credits

Family Studies is the study of the family and relationships in both the lifespan and the social context. The family is, indeed, the basic unit of society. It is within the family--however that group is structured--that the majority of social mores and actions are learned. Family Studies as an academic discipline wrestles with contemporary issues affecting families and their stability and strength.

The changing structure and needs of families make this field of study increasingly important to researchers, educators, and human services providers. Graduate study in the field can include the following areas: childhood and adolescence, family relationships services and counseling, family and society policy and planning, adult development and aging, social gerontology, and marriage and family therapy.

Family Studies professionals can be found in a number of settings, including teaching in colleges and universities, community service organizations, family counseling centers, and university-funded research. A major or minor in Family Studies can also serve as a foundation for graduate work or professional training in another discipline. Students may choose to continue their education in corrections, counseling, criminology, education, foreign service, law, medicine, ministry, nutrition education, psychology, public health, social work, sociology, and many other fields.

(27 credits must be taken from courses numbered 300 or above)

CORE COURSES—30-33

BHSC440	Topics: _____
FMST115	Introduction to Family Studies
FMST310	Parent-Child Relationships
FMST350	Family Cultural Perspectives
FMST454	Family Violence Across the Lifespan
FMST456	Marriage and the Family
FMST460	Management. & Decision Making in the Family
FMST470	Field Experience
PSYC220	Human Development – Lifespan
PSYC252	Psychology of Adolescence, Youth & Aging
PSYC420	Human Sexuality

FAMILY STUDIES ELECTIVES—6-9

ANTH420	Food and Culture
COMM320	Interpersonal Communication
COMM445	Family Communication
PSYC319	Stress Management
PSYC410	Introduction to Counseling and Psychotherapy
PSYC466	Psychology of the Exceptional Child
SOCI120	Medical Sociology
SOCI345	Juvenile Delinquency
SOCI350	Introduction to Social Policy
SOCI430	Gender Roles in Contemporary Society
SOCI460	Death & Grief in Contemporary Society
SOWK315	Christian Perspectives on Ethics and Diversity

* and as authorized by advisor

REQUIRED GENERAL EDUCATION - 3

PSYC101	Introduction to Psychology
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REQUIRED COGNATES - 12

BHSC230	Research Methods I: Statistics
COMM445	Family Communication
FDNT230	Nutrition

And one of the following:

BSAD104	Introduction to Business
BSAD210	Small Business Management
FNCE206	Personal Finance

Family Studies Majors 2007-2008 Planning Guide

Fall

Spring

1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 Engl. Comp I 3 HIST117 Civilizations & Ideas I 3 PHIL224 Intro to Philosophy 3 Total for Semester 16	INFS100 Computer Tools 3 MATH145 Reasoning with functions 3 HIST118 Civilization & Ideas II 3 HLED120 Fit & Well 1 COMM104 Communications Skills 3 FMST115 Intro to Family Studies 3 Total for Semester 16
2nd Yr	ENGL215 English Comp. II 3 BHSC230 Research Meth: Statistics 3 IDSC211 Creativity & the Arts 3 <u>Choose 1 of the following:</u> RELB210 Jesus in His Time & Ours 3 RELT250 Personal Spirit. & Faith RELT 225 Doct. Of Advent. Faith <u>Choose 1 Physical Science**</u> 4 PHYS110 Astronomy PHYS115 Concepts of Physics OR <u>Choose 1 Life Science**</u> BIOL208 Prin. Of Environ. Science FDNT230 Nutrition Total for Semester 16	Phys. Education 1 PSYC220 Human Development 3 PSYC252 Psyc of Adoles. Youth & Aging 3 BHSC100 Philosophy of Service 2 <u>Choose 1 of the following:</u> FNCE206 Personal Finance 3 BSAD104 Intro to Business BSAD210 Small Business Management <u>Choose 1 Life Science**</u> 4 BIOL100 Human Biology BIOL330 History of Earth and Life FDNT230 Nutrition OR <u>Choose 1 Physical Science**</u> CHEM100 Consumer Chemistry PHYS110 Astronomy PHYS115 Concepts of Physics Total for Semester 16
3rd Yr	FDNT230 Nutrition 3 *FMST350 Family Cultural Perspectives 3 *FMST310 Parent Child Relationships 3 <u>Choose 1 of the following:</u> RELB210 Jesus in His Time & Ours 3 RELT250 Personal Spirit. & Faith RELT 225 Doct. Of Advent. Faith <u>Choose 1 of the following:</u> BHSC220 Contemporary Social Issues 3 BHSC235 Culture, Place & Interdependence PSYC180 Dealing with Your Mind Total for Semester 15	Phys. Education 1 *FMST460 Mgmt. & Decision Making 3 *FMST454 Family Violence 3 *FMST456 Marriage & the Family 3 *COMM445 Family Communication 3 Electives 3 Total for Semester 16
4th Yr	RELT340 Religion & Ethics in Modern Society 3 FMST470 Field Experience 1-8 BHSC440 Topics: 3 PSYC420 Human Sexuality 3 Total for Semester 16	Physical Education 1 RELT340 Religion & Ethics in Modern Society 3 BHSC330 Service Fieldwork 0-2 Choose 5 from Elective list in bulletin 15 Total for Semester 16

* These classes offered every other year

**All students must take 1 Life Science and 1 Physical Science

27 credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

Total of 124 needed to graduate

Family Studies —Family and Consumer Sciences Emphasis ---- 33

Family Studies is the study of the family and relationships in both the lifespan and the social context. The family is, indeed, the basic unit of society. It is within the family--however that group is structured--that the majority of social mores and actions are learned. Family Studies as an academic discipline wrestles with contemporary issues affecting families and their stability and strength.

The changing structure and needs of families make this field of study increasingly important to researchers, educators, and human services providers. Graduate study in the field can include the following areas: childhood and adolescence, family relationships services and counseling, family and society policy and planning, adult development and aging, social gerontology, and marriage and family therapy.

Family Studies professionals can be found in a number of settings, including teaching in colleges and universities, community service organizations, family counseling centers, and university-funded research. A major or minor in Family Studies can also serve as a foundation for graduate work or professional training in another discipline. Students may choose to continue their education in corrections, counseling, criminology, education, foreign service, law, medicine, ministry, nutrition education, psychology, public health, social work, sociology, and many other fields.

(27 credits must be taken from courses numbered 300 or above)

CORE COURSES—33

BHSC440	Topics in: _____
BHSC450	Community Health and Human Disease
FMST310	Parent-Child Relationships
FMST350	Family Cultural Perspective
FMST454	Family Violence Across the Lifespan
FMST456	Marriage and the Family
FMST460	Management and Decision Making in the Family
PSYC220	Human Development - Lifespan
PSYC252	The Psychology of Adolescence, Youth, and Aging
PSYC420	Human Sexuality
SOCI120	Marriage Dynamics and Growth

REQUIRED GENERAL EDUCATION - 4

PSYC101	Introduction to Psychology
HLED120	Fit and Well

REQUIRED COGNATES - 6

FDNT230	Nutrition
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And one of the following

BSAD104	Introduction to Business
BSAD210	Small Business Management
FNCE206	Personal Finance

*** Students taking this emphasis must complete all secondary teacher requirements in the School of Education**

For more information, please contact: Family Resource Coalition of America
20 N. Wacker Dr., Suite 1100
Chicago, IL, 60606. (312) 341-0900 <http://www.frca.org/>

Family Studies
With an emphasis in Family and Consumer Sciences
2007-2008 Planning Guide

Fall

Spring

1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 Engl. Comp I 3 HIST117 Civilizations & Ideas I 3 BHSC100 Philosophy of Service 2 Total for Semester 14	INFS100 Computer Tools 3 MATH145 Reasoning with functions 3 HIST118 Civilization & Ideas II 3 HLED120 Fit & Well 1 COMM104 Communications Skills 3 SOCI120 Marriage Dynamics & Growth 3 Total for Semester 16
2nd Yr	ENGL215 English Comp. II 3 FDNT230 Nutrition 3 <u>Choose 1 of the following:</u> RELB210 Jesus in His Time & Ours 3 RELT250 Personal Spirit. & Faith RELT 225 Doct. Of Advent. Faith <u>Choose 1 Life Science*</u> BIOL208 Prin. Of Environ. Science 4 FDNT230 Nutrition <u>Choose 1 of the following:</u> FNCE206 Personal Finance 3 BSAD104 Intro to Business BSAD210 Small Business Management Total for Semester 16	IDSC211 Creativity & the Arts 3 PSYC220 Human Development 3 PSYC252 Psychology of Adolescence, Youth & Ag 3 <u>Choose 1 of the following:</u> BHSC220 Contemporary Social Issues 3 BHSC235 Culture, Place & Interdependence PSYC180 Dealing with Your Mind <u>Choose 1 Life Science*</u> BIOL100 Human Biology 4 BIOL330 History of Earth and Life FDNT230 Nutrition OR <u>Choose 1 Physical Science*</u> CHEM100 Consumer Chemistry PHYS110 Astronomy PHYS115 Concepts of Physics Total 16
3rd Yr	*FMST350 Family Cultural Perspectives 3 BHSC440 Topics: _____ 1-3 BHSC450 Commun. Health & Human Dis 3 *FMST310 Parent Child Relationships 3 Phys. Education 1 PHIL224 Intro to Philosophy 3 Total for Semester 16	Phys. Education 1 RELT340 Religion & Ethics in Modern Society 3 *FMST454 Family Violence (every other year) 3 *FMST456 Marriage & Family (every other year) 3 *FMST460 Mgmt & Decision Making 3 Elective 3 Total for Semester 16
4th Yr	RELP400 Senior Seminar: Health Professions 3 FMST470 Field Experience 1-8 PSYC420 Human Sexuality 3 Elective 3-6 Total for Semester 16	Phys. Education <u>1</u> Electives 15 Total for Semester 16

Total Credits must be 124+ to graduate

* All students must take 1 Life Science and 1 Physical Science

** These classes are offered every other year.

Students taking this emphasis must complete all secondary teacher certification requirements in the School of Education 27 Credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

PSYCHOLOGY - B.A. - 31

(21 credits must be selected from courses numbered 300 or above)

INTRODUCTION - 3

PSYC101 Introduction to Psychology

DEVELOPMENTAL - 3

PSYC220 Human Development - Lifespan
(Or other developmental course)

PROFESSIONAL CONVENTION - 1

PSYC438 Workshop: Midwestern Psychological Convention
(or an equivalent professional convention)

METHODOLOGY - 9

PSYC432 Research Methods II: Introduction
PSYC433 Research Methods III: Advanced Research Design - Experimental and Survey
PSYC434 Research Methods IV: Advanced Statistical Analysis and SPSS

CONTENT COURSES (Groups A & B) - 15

(A minimum of five courses from Groups A & B)

Group A (a minimum of 2 courses from this group)

PSYC364 Learning and Behavior
PSYC449 Psychopharmacology
PSYC465 Physiological Psychology
PSYC471 Behavior Modification
PSYC445 Cognitive Psychology

Group B (a minimum of 2 courses from this group)

PSYC269 History and Systems of Psychology
PSYC450 Social Psychology
PSYC454 Theories of Personality
PSYC460 Psychology of Abnormal Behavior

REQUIRED COGNATES - 19-25

BHSC230 Research Methods I: Statistics for the Behavioral Sciences
BIOL111, 112 Anatomy and Physiology I and II
or
BIOL165, 166 Foundation of Biology I and II
PHIL224 Introduction to Philosophy
REL340 Religion and Ethics in Modern Society
SOC119 Principles of Sociology
or
ANTH200 Cultural Anthropology

One sociocultural awareness class or experience may be met by taking:

BHSC235 Culture, Place and Interdependence
ANTH200 Cultural Anthropology
SOC1425 Racial and Ethnic Relations
BHSC440: Topics in Cultural Psychology (an international tour via Andrews, student missionary experience, or attending Adventist Colleges Abroad)

Recommended: Field Experience

Major Field Test: Majors are required to take the Major Field Test in Psychology. The exam assesses the following areas: memory and thinking, sensory and physiology, developmental, clinical and abnormal, social, and measurement and methodology.

Psychology, BA Degree - 31 Credits 2007-08 Planning Guide

Fall

Spring

1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 Engl. Comp I 3 HIST117 Civilizations & Ideas I 3 BIOL111 Anatomy & Physiology I 4 Or BIOL165 Foundations of Biology 4 Total for Semester 16	INFS100 Computer Tools 3 MATH145 Reasoning with functions 3 HIST118 Civilization & Ideas II 3 COMM104 Communications Skills 3 HLED120 Fit & Well 1 BIOL112 Anatomy & Physiology II 3 or BIOL166 Foundations of Biology 4 Total for Semester 16-17
2nd Yr	PHIL224 Intro to Philosophy 3 ENGL215 English Comp. II 3 BHSC230 Research Methods I: Statistics 3 PSYC432 Research Methods II 3 <u>Choose one of the following:</u> 3 RELB210 Jesus in His Time & Ours RELT250 Personal Spirit. & Faith RELT225 Doctrine of Adventist Faith Total for Semester 15	IDSC211 Creativity & the Arts 3 PSYC433 Research Methods III 3 PSYC434 Research Methods IV 3 Phys. Education 1 PSYC220 Human Development - Lifespan 3 <u>Choose one of the following:</u> 3 SOCI119 Principles of Sociology ANTH200 Cultural Anthropology Total for Semester 16
3rd Yr	Language 4 Elective 3 <u>Choose two from Group A below:</u> 6 PSYC364 Learning & Behavior PSYC449 Psychopharmacology PSYC465 Physiological Psychology PSYC471 Behavior Modification PSYC445 Cognitive Psychology <u>Choose one from this list:</u> BHSC220 Contemporary Social Issues 3 BHSC235 Culture, Place & Interdependence PSYC180 Dealing with Your Mind IDSC237 Individ, State & Marketplace Total for Semester 16	RELT340 Religion & Ethics in Modern Society 3 Phys. Education 1 BHSC100 Philosophy of Service 2 <u>Choose two from Group B below:</u> 6 PSYC269 History & Systems of Psychology PSYC450 Social Psychology PSYC454 Theories of Personality PSYC460 Psychology of Abnormal Behavior <u>Choose One Sociocultural awareness class:</u> 3 BHSC235 Culture, Place & Interdependence ANTH200 Cultural Anthropology SOCI425 Racial & Ethnic Relations BHSC440 Cultural Psychology (tour) Total for Semester 15
4th Yr	RELP400 Senior Seminar: Health Professions 3 BHSC300 Service Fieldwork 2 Phys. Education 1 Electives (Consult your advisor) 10 Total for Semester 16	Electives* 9-10 PSYC438 Workshop - MW Psyc Convention 1-2 <u>1 Physical Science**</u> 4 CHEM100 Consumer Chemistry PHYS110 Astronomy PHYS115 Concepts of Physics *Electives may be chosen from content courses not taken to meet minimum requirements, other PSYC courses in the undergraduate program, or those approved by the advisor/chair Total for Semester 16

Total credits must be 124 to graduate.

* *All Students must take 1 Life Science and 1 Physical Science Course

21 credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

PSYCHOLOGY - Behavioral Neuroscience - 27

Behavioral Neuroscience is a new interdisciplinary program at AU that is based in Behavioral Science, Biology and Mathematics. Its purpose is to provide new opportunities for undergraduates to prepare for exciting careers in the fascinating, rapidly growing scientific fields which involve the study of the brain and its control of behavior. Students will be involved in hands-on, laboratory experiences, using the latest equipment as well as class work which will emphasize neuronal function, processing by the brain and the latest understanding of topics such as perception, memory, cognition, sensory input, the basis for mental and emotional disorders, drug addiction and other topics. Research with a faculty mentor is an integral part of the program and is supported by student scholarships provided by the National Science Foundation grant. Students who enter this program will complete a common core of classes and choose one of three emphases outlined below to complete a BS degree in either Biology or Psychology.

GENERAL EDUCATION - 3

PSYC180 Dealing with Your Mind

BEHAVIORAL NEUROSCIENCE CORE - 38-40

BIOL165, 166 Foundation of Biology I & II

ZOOL475 Neurobiology

CHEM131,132 General Chemistry I and II

CHEM231,232 Organic Chemistry I and II

CHEM241,242 Organic Chemistry Laboratory I and II
or

PHYS141,142 General Physics
or

PHYS241,242 Physics for Scientists and Engineers

PHYS271, 272 Physics for Scientists Laboratory

PSYC364 Learning and Behavior

PSYC445 Cognitive Psychology

PSYC449 Psychopharmacology

BS Degree in Psychology - 24 + 3

General Education - 3

PSYC101 Introduction to Psychology

Psychology Requirements

PSYC433 Research Methods III: Advanced Research Design - Experimental and Survey

PSYC434 Research Methods IV: Advanced Statistical Analysis and SPSS

PSYC460 Psychology of Abnormal Behavior

PSYC465 Physiological Psychology

Plus Four upper division electives from Biology, Mathematics or Psychology

OR

BS Degree in Biology - 26

Biology Requirements

BIOL371, 372 Genetics, Cellular & Molecular Biology I and II

BIOL449 Historical & Philosophical Biology

BIOL495 Independent Research

ZOOL468 Systems Physiology - Organismal Maintenance

ZOOL484 Animal Behavior

Plus Three upper division electives from Biology, Psychology or BCHM 422

OR

BS Degree in Behavioral/Mathematics Emphasis - 28

BIOL371,372 Genetics, Cellular & Molecular Biology I and II

BIOL449 Historical & Philosophical Biology

BIOL495 Independent Research

MATH141, 142 Calculus I and II

MATH426 Mathematical Modeling in Biology

STAT340 Probability Theory with Statistical Applications

ZOOL484 Animal Behavior

BS in Psychology
Behavioral Neuroscience Emphasis- 64 credits
4 Year Plan 2007-08

Fall

Spring

1st Year	PSYC101 Intro to Psychology 3 ENGL115 English Composition I 3 HIST117 Civilizations & Ideas I 3 BIOL165 Foundations of Biology 5 HLED120 Fit and Well 1 Total for Semester 15	RELT100 God & Human Life 3 PSYC180 Dealing with Your Mind 3 HIST118 Civ. & Ideas II 3 BIOL166 Foundations of Biology 5 BHSC100 Philosophy of Service 2 Total for Semester 16
2nd Year	ENGL215 English Comp. II 3 BHSC230 Research Methods I: Statistics 3 PSYC432 Research Methods II 3 CHEM131 General Chemistry 4 INFS100 Computer Tools 3 Total for Semester 16	COMM104 Comm. Skills 3 PSYC433 Research Methods III 3 PSYC434 Research Methods IV 3 CHEM132 Gen. Chemistry 4 Choose one of the following: 3 RELB210 Jesus in His Time & Ours RELT250 Personal Spirituality & Faith RELT225 Doctrines of Adventist Faith Total for Semester 16
3rd Year	MATH145 Reasoning with Functions 3 IDSC211 Creativity and the Arts 3 PSYC364 Learning & Behavior 3 Choose 1 of the following courses: 4 PHYS141 General Physics PHYS241 Physics for Scientists & Engin. CHEM231 & 241 Organic Chem & Lab PSYC465 Physiological Psychology* 3 Or PSYC425 Psycholinguistics* (recommended) 3 Total for Semester 16	RELT340 Religion & Ethics in Mod. Soc. 3 Phys. Education 1 PHIL224 Intro to Philosophy 3 IDSC237 Individual, State & Marketplace 3 BHSC300 Service Fieldwork 0-2 Choose 1 of the following courses to follow 1 st sem. 4 PHYS142 General Physics PHYS242 Physics for Scientists & Engin. CHEM232 Organic Chem & Lab Total for Semester 14-16
4th Year	RELP400 Senior Seminar: Health Professions 3 PSYC465 Physiological Psychology* 3 Or PSYC425 Psycholinguistics* (recommended) ZOOL475 Neurobiology 3 2 upper division electives from Biology, Mathematics or Psychology 6 Physical Education 1 Total for Semester 16	PSYC460 Psychology of Abnormal Behavior 3 PSYC449 Psychopharmacology 3 Physical Education 1 PSYC445 Cognitive Psychology 3 PSYC438 Workshop: MPA Convention 1-2 1 upper division electives from Biology, Mathematics or Psychology 3 Total for Semester 14-15

* Offered every other year

Total credits must be 124 to graduate

**All Students must take 1 Physical Science and 1 Life Science

27 credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

PSYCHOLOGY - Pre-Professional Program. - 40 Credits

(27 credits must be selected from courses numbered 300 or above)

INTRODUCTION - 3

PSYC101 Introduction to Psychology

DEVELOPMENTAL - 3

PSYC220 Human Development - Lifespan
(Or other developmental course)

PROFESSIONAL CONVENTION - 1

PSYC438 Workshop: Midwestern Psychological Convention (or an equivalent professional convention)

METHODOLOGY - 9

PSYC432 Research Methods II: Introduction
PSYC433 Research Methods III: Advanced Research Design - Experimental and Survey
PSYC434 Research Methods IV: Advanced Statistical Analysis and SPSS

CONTENT COURSES -Groups A, B & C – 18 (A minimum of 5 courses from Groups A & B)

Group A (Minimum of two courses from this group)

PSYC364 Learning and Behavior
PSYC445 Cognitive Psychology
PSYC449 Psychopharmacology
PSYC465 Physiological
Psychology
PSYC471 Behavior Modification

Group B (Minimum of two courses from this group)

PSYC269 History & Systems of
Psychology
PSYC450 Social Psychology
PSYC454 Theories of Personality
PSYC460 Psychology of Abnormal
Behavior

Group C (Minimum of one course)

PSYC410 Social Gerontology
PSYC486 Psychological Assessment

ELECTIVES – 5-6

Electives may be chosen from Content Courses not taken to meet minimum requirements. Other PSYC courses in the undergraduate program, or those approved by the advisor/chair.

REQUIRED GENERAL EDUCATION COURSES – (53 TO 57)

Classes listed in front of Andrews University Bulletin for BA and BS degrees.

REQUIRED COGNATES – 19-25

BHSC230 Research Methods I: Statistics for the Behavioral Sciences
BIOL111 AND 112 Anatomy and Physiology I and II
or
BIOL165 AND 166 Foundations of Biology I and II
PHIL224 Introduction to Philosophy
RELT340 Religion and Ethics in Modern Society
SOC119 Principles of Sociology
or
ANTH200 Cultural Anthropology * See bulletin for more details

One sociocultural awareness class or experience (may be met by the one of the following.)

BHSC235 Culture, Place & Interdependence
ANTH200 Cultural Anthropology
SOC1425 Racial and Ethnic Relations
BHSC440 Topics: Cultural Psychology, an international tour via Andrews, student missionary experience, or attending Adventist Colleges Abroad.

Recommended: A reading knowledge of a foreign language is strongly recommended for those planning on graduate work in Psychology.

Major Field Test: Majors are required to take the Major Field Test in Psychology.

*It is expected that all majors will attend at least one professional conference before graduation.

Pre-Professional Psychology - 40 Credits
4 Year Plan 2007-2008 Planning Guide
Fall **Spring**

1st Yr	PSYC101 Intro to Psychology 3 HLED120 Fit & Well 1 ENGL115 Engl. Comp I 3 HIST117 Civilizations & Ideas I 3 <u>Choose 1 of the following:</u> BIOL111 Anatomy & Physiology I 4 BIOL165 Foundation of Biology 5 Total for Semester 14-15	INFS100 Computer Tools 3 HIST118 Civilization & Ideas II 3 RELT100 God & Human Life 3 BHSC100 Philosophy of Service 2 <u>Choose 1 of the following:</u> BIOL112 Anatomy & Physiology II 4 BIOL166 Found of Biology 5 Total for Semester 15-16
2nd Yr	PHIL224 Intro to Philosophy 3 ENGL215 English Comp. II 3 BHSC230 Research Methods I: Statistics 3 PSYC432 Research Methods II 3 IDSC237 Indiv, State, Marketplace 3 Phys. Education 1 Total for Semester 16	COMM104 Communications Skills 3 PSYC433 Research Methods III 3 PSYC434 Research Methods IV 3 <u>Choose one of the following:</u> SOC119 Principles of Sociology 3 ANTH200 Cultural Anthropology 3 <u>Choose one of the following:</u> RELB210 Jesus in His Time & Ours 3 RELT250 Personal Spirit. & Faith 3 RELT225 Doct. Of Advent. Faith 3 Total for Semester 15
3rd Yr	PSYC220 Human Development-Lifespan 3 Phys. Education 1 <u>Choose one from this list:</u> BHSC220 Contemporary Social Issues 3 BHSC235 Culture, Place & Interdependence 3 PSYC180 Dealing with Your Mind 3 BHSC440 Topics: Cultural Psychology 3 <u>Choose one from list C:</u> PSYC410 Counseling & Psychotherapy 3 PSYC486 Psychological Assessment 3 <u>Choose two from Group A below:</u> PSYC364 Learning & Behavior 3 PSYC445 Cognitive Psychology 3 PSYC449 Psychopharmacology 3 PSYC465 Physiological Psychology 3 PSYC471 Behavior Modification 3 Total for Semester 16	IDSC211 Creativity & the Arts 3 RELT340 Religion & Ethics in Modern Society 3 <u>Choose 2 from Group B below:</u> PSYC269 History & Systems of Psychology 3 PSYC450 Social Psychology 3 PSYC454 Theories of Personality 3 PSYC460 Psychology of Abnormal Behavior 3 <u>Choose 1 Physical Science**</u> CHEM100 Consumer Chemistry 3 PHYS110 Astronomy 3 PHYS115 Concepts of Physics 3 Total for Semester 16
4th Yr	RELP400 Senior Seminar: Health Professions 3 BHSC300 Service Fieldwork 0-2 <u>Choose at least 1 from Group A below:</u> PSYC364 Learning & Behavior 3 PSYC449 Psychopharmacology 3 PSYC465 Physiological Psychology 3 PSYC471 Behavior Modification 3 PSYC445 Cognitive Psychology 3 Electives* 9 Total for Semester 15	MATH145 Reasoning with functions 3 Electives * 6 PSYC438 Workshop 1-2 Phys. Education 1 <u>Choose 1 Socio-cultural awareness class:</u> BHSC235 Culture, Place & Interdependence 3 ANTH200 Cultural Anthropology 3 SOC1425 Racial & Ethnic Relations 3 BHSC440 Topics: Cultural Psychology 3 Total for Semester 15

*Electives may be chosen from content courses not taken to meet minimum requirements, other PSYC courses in the undergraduate program, or those approved by the advisor/chair.

**All Students must take 1 Physical Science and 1 Life Science

27 credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

PSYCHOLOGY - GENERAL PROGRAM— 40 Credits

(27 Credits must be selected from courses number 300 or above)

INTRODUCTION - 3

PSYC101 Introduction to Psychology

DEVELOPMENTAL - 3

PSYC220 Human Development - Lifespan
(Or other developmental course)

PROFESSIONAL CONVENTION OR FIELD EXPERIENCE - 1-2

PSYC438 Workshop: Midwestern Psychological Convention (or an equivalent professional convention)
Or

PSYC480 Field Experience

METHODOLOGY COURSES – 3

PSYC432 Research Methods II: Introduction

CONTENT COURSES -Groups A, B & C – 18 (A minimum of 5 courses from Groups A & B)

Group A (Minimum of 2 courses from this group)

One course must come from either.

PSYC210 Introduction to Health
Psychology

PSYC364 Learning and Behavior

PSYC445 Cognitive Psychology

PSYC449 Psychopharmacology

PSYC465 Physiological

Psychology

PSYC471 Behavior Modification

Group B (Minimum of 2 courses from this group)

PSYC269 History & Systems of
Psychology

PSYC450 Social Psychology

PSYC454 Theories of Personality

PSYC460 Psychology of Abnormal
Behavior

Group C (Minimum of 1 course)

PSYC410 Social Gerontology

PSYC420 Human Sexuality

PSYC486 Psychological Assessment

ELECTIVES – 11-12

Electives may be chosen from Content Courses not taken to meet minimum requirements, or from additional Psychology courses in the undergraduate program, or those approved by the advisor/chair.

REQUIRED GENERAL EDUCATION COURSES – (53 TO 57)

Classes listed in front of Andrews University Bulletin for BA and BS degrees.

REQUIRED COGNATES – 16-22

BHSC230 Research Methods I: Statistics for the Behavioral Sciences

BIOL111 AND 112 Anatomy and Physiology I and II

or

BIOL165 AND 166 Foundations of Biology I and II

RELT340 Religion & Ethics in Modern Society

SOCI119 Principles of Sociology

or

ANTH200 Cultural Anthropology

(One sociocultural awareness class or experience may be met by taking one of the following:

BHSC235 Culture, Place and Interdependence

ANTH200 Cultural Anthropology

SOCI425 Racial & Ethnic Relations

BHSC440 Cultural Psychology (Or an international tour via Andrews, student missionary experience or attending Adventist Colleges Abroad.)

Recommended:
Field experience and a reading knowledge of a foreign language, particularly for students who plan to take graduate studies in Psychology.

Major Field Test:
Required to take the test in psychology.

B.S. Psychology - General Program - 40 Credits 2007-08 Planning Guide

1st Yr	PSYC101 Intro to Psychology 3 RELT100 God and Human Life 3 ENGL115 English Composition I 3 HIST117 Civilizations & Ideas I 3 INFS100 Computer Tools 3 Total for Semester 15	MATH145 Reasoning with functions 3 HIST118 Civilizations & Ideas II 3 COMM104 Communication Skills 3 BHSC100 Philosophy of Service 2 HLED120 Fit & Well 1 <u>Choose 1 of the following:</u> SOC119 Principles of Sociology ANTH200 Cultural Anthropology Total for Semester 15	
2nd Yr.	PHIL224 Intro to Philosophy 3 ENGL215 English Composition II 3 BHSC230 Research Methods I: Statistics 3 PSYC432 Research Methods II 3 <u>Choose 1 of the following</u> BIOL111 Anatomy & Physiology II 4 BIOL165 Foundations of Biology 5 Total for Semester 16-17	IDSC211 Creativity of the Arts 3 Physical Education 1 <u>Choose 1 of the following:</u> RELB210 Jesus in His Time & Ours RELT250 Personal Spirituality & Faith RELT225 Doctrines of Adventist Faith <u>Choose 1 of the following:</u> BIOL112 Anatomy & Physiology II 4 BIOL166 Foundations of Biology 5 <u>Choose 1 of the following:</u> BHSC220 Contemporary Social Issues BHSC235 Culture, Place & Interdependence PSYC180 Dealing with Your Mind IDSC237 The Individual, State & Marketplace Total for Semester 14-15	
3rd Year	PSYC220 Human Development-Lifespan 3 <u>Choose two from Group A below:</u> PSYC210 Intro to Health Psychology 6 PSYC364 Learning & Behavior PSYC445 Cognitive Psychology PSYC449 Psychopharmacology PSYC465 Physiological Psychology PSYC471 Behavior Modification A foreign language (recommended) 3 Elective 3 Total for Semester 15	RELT340 Religion & Ethics in Modern Society 3 Physical Education 1 A foreign language is recommended 3 <u>Choose 2 from Group B below:</u> PSYC269 History & Systems of Psychology PSYC450 Social Psychology PSYC454 Theories of Personality PSYC460 Psychology of Abnormal Behavior <u>Choose 1 Sociocultural awareness class:</u> BHSC235 Culture, Place & Interdependence ANTH200 Cultural Anthropology SOCI425 Racial & Ethnic Relations BHSC440 Cultural Psychology (tour) Total for Semester 16	
4th Year	RELP400 Sr. Seminar: Health Professions 3 BHSC300 Service Fieldwork 0-2 <u>Choose 1 from Group A below:</u> PSYC210 Intro to Health Psychology PSYC364 Learning & Behavior PSYC445 Cognitive Psychology PSYC449 Psychopharmacology PSYC465 Physiological Psychology PSYC471 Behavior Modification Electives (See bulletin for recommendations) 9 Total for Semester 15-17	Physical Education 1 Electives (See bulletin for recommendations) 6 <u>Choose 1 of the following:</u> PSYC438 Workshop PSYC480 Field Experience <u>Choose at least 1 course from:</u> PSYC410 Counseling & Psychotherapy PSYC420 Human Sexuality PSYC486 Psychological Assessment <u>Choose 1 Physical Science **</u> CHEM100 Consumer Chemistry PHYS110 Astronomy PHYS115 Concepts of Physics Total for Semester 16	

**All students must take 1 Physical Science and 1 Life Science
27 credits must be from courses numbered 300 or above.

Total credits must be 124 to graduate.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

HEALTH PSYCHOLOGY EMPHASIS - 39 Credits

Health psychologists apply the “whole person” approach to understanding and integrating biological, psychological, and social factors as they impact an individual’s life--throughout the life-span. The possibilities resulting from behavior change underscore health psychologists’ interests in helping people behave in ways that promote wellness, adjust to potential and developing health problems and participate effectively in treatment and rehabilitation programs. The *Occupational Outlook Handbook* states that health psychologists "counsel the public in health maintenance to help avoid serious emotional or physical illness." Along with counseling individuals in the general public, health psychologists may also help educate nurses, doctors, fellow psychologists and other health workers. Some search for factors relating to health maintenance and the onset of illness by conducting research programs. Others help develop interventions for the improvement of health or health behaviors. They may work with just one individual or with family members. Many health psychologists are allied with a hospital where they do clinical work. Other health psychologists are involved in wellness and employee assistance programs, rehabilitation centers and public health agencies.

(27 CREDIT MUST BE SELECTED FROM COURSES NUMBERED 300 OR ABOVE)

CORE COURSES –18

PSYC101	Introduction to Psychology
PSYC220	Human Development–Lifespan (or other developmental course)
PSYC269	History and Systems of Psychology
PSYC432	Research Methods II: Introduction
PSYC433	Research Methods III: Advanced Research Design–Experimental and Survey
PSYC434	Research Methods IV: Advanced Statistical Analysis and SPSS
PSYC450	Social Psychology

EMPHASIS COURSES–18

BHSC450	Community Health and Human Disease
PSYC210	Introduction to Health Psychology
PSYC319	Stress Management
	or
PSYC420	Human Sexuality
PSYC460	Psychology of Abnormal Behavior
PSYC465	Psychological Psychology
	or
PSYC454	Theories of Personality
PSYC471	Behavior Modification
	or
PSYC364	Learning and Behavior

REQUIRED GENERAL EDUCATION–53 TO 57

Classes listed in front of Andrews University Bulletin for BA and BS degrees. (The following course is required in your general education or elective program)

REQUIRED COGNATES –21-24

BHSC230	Research Methods I: Statistics for the Behavioral Sciences
BIOL111 and BIOL112	Anatomy and Physiology I & II
	Or
BIOL165 and BIOL 166	Foundations of Biology I & II
CHEM 110	Introduction to Inorganic and Organic Chemistry
	Or
CHEM131	General Chemistry I
FDNT230	Nutrition
RELT340	Religion and Ethics in Modern Society

Major Field Test
required in Psychology

Health Psychology - 39 Credits 4 Year Plan 2007-08 Planning Guide

	Fall	Spring
1st Year	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 English Comp I 3 HIST117 Civilizations & Ideas I 3 HLED120 Fit & Well 1 PHIL224 Intro to Philosophy 3 Total for Semester 16	INFS100 Computer Tools 3 MATH145 Reasoning with functions 3 HIST118 Civilization & Ideas I 3 COMM104 Communications Skills 3 IDSC211 Creativity & the Arts 3 Total for Semester 15
2nd Year	ENGL215 English Comp. II 3 BHSC230 Research Methods I: Statistics 3 PSYC432 Research Methods II 3 <u>Choose one of the following</u> BIOL111 Anatomy & Physiology I 4 BIOL165 Foundations of Biology <u>Choose one from this list:</u> BHSC220 Contemporary Social Issues 3 BHSC235 Culture, Place & Interdependence PSYC180 Dealing with Your Mind IDSC237 The Individual, State and Marketplace Total for Semester 16	BHSC100 Philosophy of Service 2 Phys. Education 1 PSYC433 Research Methods III 3 PSYC434 Research Methods IV 3 <u>Choose one of the following:</u> RELB210 Jesus in His Time & Ours RELT250 Personal Spirit. & Faith RELT225 Doct. Of Advent. Faith <u>Choose one of the following:</u> BIOL112 Anatomy & Physiology II BIOL166 Foundations of Biology Total for Semester 15
3rd Year	PSYC269 History & Systems of Psychology 3 PSYC220 Human Development-Lifespan 3 <u>Choose one from each group:</u> PSYC319 Stress Management 3 PSYC420 Medical Sociology *PSYC465 Physiological Psychology 3 PSYC454 Theories of Personality CHEM110 Intro to Inorganic & Organic Chem. 4 CHEM131 General Chemistry I 3 Total for Semester 15-16	RELT340 Religion & Ethics in Modern Society 3 PSYC210 Intro to Health Psychology 3 FDNT230 Nutrition 3 Phys. Education 1 Elective 3 <u>Choose 1 from this group:</u> * PSYC471 Behavior Modification (Spg.) PSYC364 Learning and Behavior (Fall) Total for Semester 16
4th Year	RELP400 Senior Seminar: Health Professions 3 BHSC300 Service Fieldwork 0-2 Phys. Education 1 *BHSC450 Community Health & Human Disease 3 Electives 9 Total for Semester 16	PSYC450 Social Psychology 3 PSYC460 Psychology of Abnormal Behavior 3 Electives 10 *Electives may be chosen from content courses not taken to meet minimum requirements, other PSYC courses in the undergraduate program, or those approved by the advisor/chair. Total for Semester 16

* Offered every other year

Total credits must be 124 to graduate.

**All Students must take 1 Physical Science and 1 Life Science

27 credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

SOCIOLOGY – BA Degree - 30 credits

Sociologists are interested in the patterns and processes of human social relations. They focus on what goes on between groups of people (vs. Psychology's interest in what goes on inside people's heads), types of intangible exchanges (vs. Economists' interest in commercial exchanges), and concentrate primarily on modern industrial societies (vs. Anthropology's interest in preliterate human groups). The whole range of human behavior and examination of the various forms of social organizations are open to the sociologist, with equal interest in the past, present, and future versions of those organizations.

Majors in sociology have used their background and training in this field to prepare themselves for occupations in federal, state, and local government, law, medicine, ministry, politics, social welfare, business, and education. Ph.D. sociologists may be found in classrooms, in research programs for both government agencies and private companies as well as consultants for such organizations. Two-thirds of all sociologists are employed in colleges or universities.

(24 CREDITS MUST BE SELECTED FROM COURSES NUMBERED 300 OR ABOVE)

CORE COURSES-15

SOCI119	Principles of Sociology
SOCI432	Research Methods II: Introduction
SOCI433	Research Methods III: Advanced Research Design-Experimental and Survey
SOCI434	Research Methods IV: Advanced Statistical Analysis and SPSS
SOCI474	Social Thought and Theory

SUBSTANTIVE AREAS - 15

SOCI20	Marriage Dynamics and Growth
SOCI315	Criminology
	Or
SOCI345	Juvenile Delinquency
SOCI420	Medical Sociology
	Or
SOCI415	Substance Abuse in American Society
SOCI425	Racial and Ethnic Relations
	Or
SOCI430	Gender Roles in Contemporary Society
SOCI360	Introduction to International Development
	Or
SOCI350	Introduction to Social Policy

GENERAL EDUCATION - 9

Classes listed in front of Andrews University Bulletin for BA and BS degrees. (The following 3 courses are required choices in your general education or elective program)

ANTH200	Cultural Anthropology
BHSC220	Research Methods I: Statistics for the Behavioral Sciences
RELT340	Religion and Ethics in Modern Society

REQUIRED COGNATES - 22

BHSC230	Research Methods I: Statistics for the Behavioral Sciences
ECON225	Principles of Macroeconomics
FMST456	Marriage and the Family
PHIL224	Introduction to Philosophy
PSYC101	Introduction to Psychology
PSYC450	Social Psychology

Any foreign language

: Major Field Test: Majors are required to take the Major Field Test in Sociology.

*It is expected that all majors will attend at least one professional conference before graduation.

**Sociology Majors – BA Degree – 30Credits
2007-08**

Fall

Spring

1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 Engl. Comp I 3 HIST117 Civilizations & Ideas I 3 PHIL224 Intro to Philosophy 3 Total for Semester 15	INFS100 Computer Tools 3 MATH145 Reasoning with functions 3 HIST118 Civilization & Ideas II 3 COMM104 Communications Skills 3 SOCI119 Principles of Sociology 3 HLED120 Fit & Well 1 Total for Semester 16
2nd Yr	ENGL215 English Comp. II 3 BHSC230 Res. Methods: Statistics 3 SOCI432 Res. Methods II 3 ECON225 Macroeconomics 3 Phys. Education 1 <u>Choose 1 from this group:</u> 3 RELB210 Jesus in His Time & Ours RELT250 Personal Spirit. & Faith RELT 225 Doct. Of Advent. Faith Total for Semester 16	IDSC211 Creativity & the Arts 3 BHSC220 Contemp. Social Issues 3 SOCI433 Res. Methods III 3 SOCI434 Res. Methods IV 3 SOCI120 Marriage Dynamics & Growth 3 Total for Semester 15
3rd Yr	RELT340 Religion & Ethics in Modern Society 3 Electives 6 <u>Choose 1 of the following:</u> SOCI315 Criminology 3 SOCI345 Juvenile Delinquency <u>Choose 1 Physical Science*</u> 4 PHYS110 Astronomy PHYS115 Conc. Of Phys. OR <u>Choose 1 Life Science*</u> BIOL208 Prin. Of Environ. Science FDNT230 Nutrition Total of Semester 16	Phys. Education 1 ANTH200 Cultural Anthropology 3 BHSC100 Philosophy of Service 2 BHSC300 Service Fieldwork 0-2 <u>Choose 1 of the following:</u> **SOCI420 Medical Sociology 3 SOCI415 Substance Abuse <u>Choose 1 of the following:</u> SOCI360 Intro to International Development 3 SOCI350 Intro to Social Policy <u>Choose 1 Life Science*</u> 4 BIOL100 Human Biology BIOL330 History of Earth and Life FDNT230 Nutrition OR <u>Choose 1 Physical Science*</u> CHEM100 Consumer Chemistry PHYS110 Astronomy PHYS115 Concepts of Physics Total for Semester 16
4th Yr	RELP400 Senior Seminar: Health Professions 3 **SOCI474 Social Thought & Theory 3 Electives 6 <u>Choose 1 of the following</u> 4 FREN275 Intermediate French SPAN275 Intermediate Spanish INLS235 Intermediate _____ Total for Semester 16	PSYC450 Social Psychology 3 Phys. Education 1 Electives 6 <u>Choose 1 of the following:</u> 3 SOCI425 Racial & Ethnic Relations SOCI430 Gender Roles Total for Semester 16

** These classes are offered every other year

Total Credits Must be 124 to Graduate

It is expected that all majors will attend at least one professional conference before graduation

* All students must take 1 Life Science and 1 Physical Science

27 Credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

SOCIOLOGY – B.S. DEGREE - 38-39 Credits

Sociologists are interested in the patterns and processes of human social relations. They focus on what goes on between groups of people (vs. Psychology's interest in what goes on inside people's heads), types of intangible exchanges (vs. Economists' interest in commercial exchanges), and concentrate primarily on modern industrial societies (vs. Anthropology's interest in preliterate human groups). The whole range of human behavior and examination of the various forms of social organizations are open to the sociologist, with equal interest in the past, present, and future versions of those organizations.

Majors in sociology have used their background and training in this field to prepare themselves for occupations in federal, state, and local government, law, medicine, ministry, politics, social welfare, business, and education. Ph.D. sociologists may be found in classrooms, in research programs for both government agencies and private companies as well as consultants for such organizations. Two-thirds of all sociologists are employed in colleges or universities.

(27 CREDIT MUST BE SELECTED FROM COURSES NUMBERED 300 OR ABOVE)

CORE COURSES--29-30

SOCI119	Principles of Sociology
SOCI345	Juvenile Delinquency or
SOCI315	Criminology
SOCI415	Substance Abuse in American Society or
SOCI120	Marriage Dynamics and Growth
SOCI420	Medical Sociology
SOCI425	Racial and Ethnic Relations
SOCI430	Gender Roles in Contemporary Society
SOCI432	Research Methods II: Introduction
SOCI433	Research Methods III: Advanced Research Design-Experimental and Survey
SOCI434	Research Methods IV: Advanced Statistical Analysis and SPSS
SOCI474	Social Thought and Theory

ELECTIVES--9 (Choose 3 of the following 4 classes)

FMST456	Marriage and the Family
SOCI410	Social Gerontology
SOCI460	Death and Grief in Contemporary Society
SOCI470	Demography

REQUIRED GENERAL EDUCATION--53 TO 57

Classes listed in Andrews University Bulletin page 37 for BA and BS degrees.

REQUIRED COGNATES--15

(The following courses are required choices in your general education or elective program)

ANTH200	Cultural Anthropology
BHSC230	Research Methods I: Statistics for the Behavioral Sciences
ECON225	Principles of Macroeconomics
PHIL224	Introduction to Philosophy
PSYC101	Introduction to Psychology
PSYC450	Social Psychology
RELT340	Religion and Ethics in Modern Society

Recommended: A reading knowledge of a foreign language is strongly recommended for those planning on graduate work in sociology.

Major Field Test: Majors are required to take the Major Field Test in Sociology.

*It is expected that all majors will attend at least one professional conference before graduation.

Sociology Majors – BS Degree – 39 Credits 2007-08 Planning Guide

	Fall	Spring
1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 Engl. Comp I 3 HIST117 Civilizations & Ideas I 3 BHSC100 Philosophy of Service 2 Total for Semester 14	INFS100 Computer Tools 3 MATH145 Reasoning with Functions 3 HIST118 Civilization & Ideas II 3 HLED120 Fit & Well 1 COMM104 Communications Skills 3 SOCI119 Principles of Sociology 3 Total for Semester 16
2nd Yr	ENGL215 English Comp. II 3 BHSC230 Res. Methods: Statistics 3 SOCI432 Res. Methods II 3 Elective 3 Phys. Education 1 <u>Choose 1 from this group:</u> 3 RELB210 Jesus in His Time & Ours RELT250 Personal Spirit. & Faith RELT 225 Doct. Of Advent. Faith Total for Semester 16	IDSC211 Creativity & the Arts 3 BHSC220 Contemp. Social Issues 3 SOCI433 Res. Methods III 3 SOCI434 Res. Methods IV 3 Phys. Education 1 <u>Choose 1 from this list:</u> 3 SOCI120 Marriage Dynamics & Growth SOCI415 Substance Abuse Total for Semester 16
3rd Yr	ECON225 Macroeconomics 3 PHIL224 Intro to Philosophy 3 BHSC300 Service Fieldwork 0-2 Elective 3 <u>Choose 1 of the following:</u> 3 SOCI315 Criminology SOCI345 Juvenile Delinquency <u>Choose 1 Physical Science**</u> 4 PHYS110 Astronomy PHYS115 Concepts of Physics OR <u>Choose 1 Life Science**</u> BIOL208 Prin. Of Environ. Science FDNT230 Nutrition Total for Semester 16	RELT340 Religion & Ethics in Modern Society 3 ANTH200 Cultural Anthropology 3 **SOCI420 Medical Sociology 3 *SOCI425 Racial & Ethnic Relations 3 <u>Choose 1 Life Science**</u> 4 BIOL100 Human Biology BIOL330 History of Earth and Life FDNT230 Nutrition OR <u>Choose 1 Physical Science**</u> CHEM100 Consumer Chemistry PHYS110 Astronomy PHYS115 Concepts of Physics Total for Semester 16
4th Yr	RELP400 Senior Seminar: Health Professions 3 **SOCI474 Social Thought & Theory 3 Phys. Education 1 Electives 3 <u>Choose 1-2 from this group:</u> (see bulletin) 3-6 SOCI460 Death and Grief **FMST456 Marriage & the Family Total for Semester 16	PSYC450 Social Psychology 3 SOCI430 Gender Roles 3 Electives 6 <u>Choose 1-2 from this group:</u> (see bulletin) 3-6 SOCI470 Demography **SOCI410 Social Gerontology Total for Semester 16

Total credits must be 124 to graduate.

** All students must take 1 Life Science and 1 Physical Science

* These classes are offered every other year.

27 Credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

SOCIOLOGY-- EMPHASIS IN DEVIANT BEHAVIOR 38-39 Credits

One of the consequences of modern life has been a dramatic increase in the rate of violence and other criminal behavior in contemporary society. Professionals in this area study theories of juvenile and adult deviant and criminal behavior as well as analyses of historical and contemporary criminal justice systems and procedures. Career opportunities at the undergraduate level include probation and parole officers, youth service workers and correction officers. Graduate school training prepares individuals to go on for careers in criminal law.

(27 CREDIT MUST BE SELECTED FROM COURSES NUMBERED 300 OR ABOVE)

CORE COURSES--29-30

SOCI119	Principles of Sociology
SOCI345	Juvenile Delinquency
SOCI415	Substance Abuse in American Society
	or
SOCI120	Marriage Dynamics and Growth
SOCI420	Medical Sociology
SOCI425	Racial and Ethnic Relations
SOCI430	Gender Roles in Contemporary Society
SOCI432	Research Methods II: Introduction
SOCI433	Research Methods III: Advanced Research Design - Experimental and Survey
SOCI434	Research Methods IV: Advanced Statistical Analysis and SPSS
SOCI474	Social Thought and Theory

EMPHASIS COURSES--9

FMST454	Family Violence Across the Lifespan
PSYC458	Advanced Theories of Addiction and Treatment
SOCI315	Criminology

REQUIRED GENERAL EDUCATION--53 TO 57

Classes listed in front of Andrews University Bulletin for BA and BS degrees.

(The following courses are required choices in your general education or elective program)

BHSC220	An Interdisciplinary Approach to Contemporary Social Issues
PSYC101	Introduction to Psychology
RELT340	Religion and Ethics in Modern Society

REQUIRED COGNATES--15

(The following courses are required choices in your general education or elective program)

ANTH200	Cultural Anthropology
BHSC230	Research Methods I: Statistics for the Behavioral Sciences
ECON225	Principles of Macroeconomics
PHIL224	Introduction to Philosophy
PSYC450	Social Psychology

REQUIRED COGNATES FOR EMPHASIS -- 6

PSYC420	Human Sexuality
PSYC460	Psychology of Abnormal Behavior

Recommended: A reading knowledge of a foreign language for those planning on graduate work in Sociology.

Major Field Test: Majors are required to take the Major Field test in Sociology

Sociology - Deviant Behavior Emphasis – 38-39 Credits 2007-08

Fall

Spring

1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 English. Comp I 3 HIST117 Civilizations & Ideas I 3 BHSC100 Philosophy of Service 2 HLED120 Fit & Well 1 Total for Semester 15	INFS100 Computer Tools 3 MATH145 Reasoning with functions 3 HIST118 Civilization & Ideas II 3 COMM104 Communications Skills 3 SOCI119 Principles of Sociology 3 Total for Semester 15	
2nd Yr	ENGL215 English Comp. II 3 BHSC230 Res. Methods: Statistics 3 SOCI432 Res. Methods II 3 Phys. Education 1 <u>Choose 1 from this group:</u> 3 RELB210 Jesus in His Time & Ours RELT250 Personal Spirit. & Faith RELT 225 Doct. Of Advent. Faith Total for Semester 16	IDSC211 Creativity & the Arts 3 BHSC220 Contemp. Social Issues 3 SOCI433 Res. Methods III 3 SOCI434 Res. Methods IV 3 BHSC300 Service Fieldwork 0-2 Phys. Education 1 <u>Choose 1 from this list:</u> SOCI120 Marriage Dynamics & Growth 3 *SOCI415 Substance Abuse 2 Total for Semester 15-16	
3rd Yr	ECON225 Macroeconomics 3 *SOCI315 Criminology 3 PHIL224 Intro to Philosophy 3 RELT340 Religion & Ethics in Modern Society 3 <u>Choose 1 Physical Science **</u> 4 PHYS110 Astronomy PHYS115 Concepts of Physics Or <u>Choose 1 Life Science **</u> 4 BIOL208 Principles of Environmental Science FDNT230 Nutrition Total for Semester 16	ANTH200 Cultural Anthropology 3 *SOCI420 Medical Sociology 3 *SOCI345 Juvenile Delinquency 3 Elective 3 <u>Choose 1 Life Science **</u> 4 BIOL100 Human Biology BIOL330 History of Earth and Life FDNT230 Nutrition OR <u>Choose 1 Physical Science**</u> 4 CHEM100 Consumer Chemistry PHYS110 Astronomy PHYS115 Concepts of Physics Total for Semester 16	
4th Yr	RELP400 Senior Seminar: Health Professions 3 *SOCI474 Social Thought & Theory 3 PSYC458 Ad Th. Of Addiction 3 *SOCI425 Racial & Ethnic Relations 3 Phys. Education 1 Elective 3 Total for Semester 16	PSYC450 Social Psychology 3 SOCI430 Gender Roles 3 *FMST454 Family Violence 3 PSYC420 Human Sexuality 3 PSYC460 Psys. of Abnormal Behavior 3 Total for Semester 15	

**All Students must take 1 Life Science and 1

Total credits must be 124 to graduate

*Offered every other year.

27 Credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

SOCIOLOGY-- EMPHASIS IN SOCIOLOGY OF THE FAMILY--39 Credits

Traditionally, the family has been a foundation of society. Today the family is rapidly changing in structure and function. Professionals in this area study the changing family.

Career opportunities at the undergraduate level include youth workers and juvenile justice system workers. Graduate school training prepares individuals for careers in family studies and counseling.

(27 CREDIT MUST BE SELECTED FROM COURSES NUMBERED 300 OR ABOVE)

CORE COURSES--24

SOCI119	Principles of Sociology
SOCI345	Juvenile Delinquency
	or
SOCI315	Organization and Work
SOCI420	Medical Sociology
SOCI425	Racial and Ethnic Relations
SOCI432	Research Methods II: Introduction
SOCI433	Research Methods III: Advanced Research Design - Experimental and Survey
SOCI434	Research Methods IV: Advanced Statistical Analysis and SPSS
SOCI474	Social Thought and Theory

EMPHASIS COURSES--15

BHSC440	Topics: _____
FMST350	Family Cultural Perspectives
FMST456	Marriage and the Family
SOCI120	Marriage Dynamics and Growth
SOCI430	Gender Roles in Contemporary Society

REQUIRED GENERAL EDUCATION--53 TO 57

Classes listed in front of Andrews University Bulletin for BA and BS degrees.

(The following courses are required choices in your general education or elective program)

BHSC220	An Interdisciplinary Approach to Contemporary Social Issues
PSYC101	Introduction to Psychology
RELT340	Religion and Ethics in Modern Society

REQUIRED COGNATES--27

(The following courses are required choices in your general education or elective program)

ANTH200	Cultural Anthropology
BHSC230	Research Methods I: Statistics for the Behavioral Sciences
ECON225	Principles of Macroeconomics
FMST310	Parent-Child Relationships
FMST454	Marriage and the Family
FMST460	Management and Decision Making in the Family
PHIL224	Introduction to Philosophy
PSYC420	Human Sexuality
PSYC450	Social Psychology

Recommended: A reading knowledge of a foreign language for those planning on graduate work in Sociology.

Major Field Test: Majors are required to take the Major Field Test in Sociology.

*It is expected that all majors will attend at least one professional conference before graduation.

Sociology of the Family – 39 Credits 2007-08

	Fall	Spring
1st Yr	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 Engl. Comp I 3 HIST117 Civilizations & Ideas I 3 BHSC100 Philosophy of Service 2 Total for Semester 14	PSYC101 Intro to Psychology 3 RELT100 God & Human Life 3 ENGL115 Engl. Comp I 3 HIST117 Civilizations & Ideas I 3 BHSC100 Philosophy of Service 2 Total for Semester 14
2nd Yr	ENGL215 English Comp. II 3 BHSC230 Res. Methods: Statistics 3 SOCI432 Res. Methods II 3 BHSC220 Contemp. Social Issues 3 Phys. Education 1 <u>Choose 1 from this group:</u> 3 RELB210 Jesus in His Time & Ours RELT250 Personal Spirit. & Faith RELT 225 Doct. Of Advent. Faith Total for Semester 16	IDSC211 Creativity & the Arts 3 SOCI433 Res. Methods II 3 SOCI434 Res. Methods IV 3 SOCI120 Marriage Dynamics & Growth 3 ANTH200 Cultural Anthropology 3 Total for Semester 15
3rd Yr	ECON225 Macroeconomics 3 FMST310 Parent-Child Relationship 3 PHIL224 Intro to Philosophy 3 <u>Choose 1 of the following:</u> SOCI315 Criminology 3 SOCI345 Juvenile Delinquency <u>Choose 1 Physical Science**</u> 4 PHYS110 Astronomy PHYS115 Conc. Of Phys. OR <u>Choose 1 Life Science**</u> BIOL208 Prin. Of Environ. Science FDNT230 Nutrition Total for Semester 16	RELT340 Religion & Ethics in Modern Society 3 *SOCI420 Medical Sociology 3 SOCI425 Racial & Ethnic Relations 3 Phys. Education 1 <u>Choose 1 Life Science**</u> 4 BIOL100 Human Biology BIOL330 History of Earth and Life FDNT230 Nutrition OR <u>Choose 1 Physical Science**</u> CHEM100 Consumer Chemistry PHYS110 Astronomy PHYS115 Concepts of Physics Total for Semester 17
4th Yr	RELP400 Senior Seminar: Health Professions 3 *SOCI474 Social Thought & Theory 3 *FMST456 Marriage & the Family 3 *FMST454 Family Violence Across Lifespan 3 *FMST350 Fam. Cultural Perspectives 3 Phys. Education 1 Total for Semester 16	PSYC450 Social Psychology 3 *SOCI430 Gender Roles 3 PSYC420 Human Sexuality 3 *FMST460 Mgmt & Decision Making 3 BHSC300 Service Fieldwork 0-2 Electives 2 Total for Semester 16

* All students must take 1 Life Science and 1 Physical Science

** These classes are offered every other year

27 Credits must be from courses numbered 300 or above.

PLEASE READ BULLETIN CAREFULLY AND CONSULT WITH ADVISOR

SUGGESTED SCHEDULE FOR CAREER PLANNING AND APPLYING TO GRADUATE SCHOOL

First Year

- * Focus on completing the majority of your general education program and foundational requirements. Many of our students declare majors within our Department in their sophomore year; don't worry if you are undecided during the first year! Your advisor can help you in fine-tuning your plans for the future.

Sophomore Year

- * After completing most of the general requirements the first year, work on the basic major requirements (including statistics, laboratory, and science courses).
- * Become acquainted with several faculty members in the Department.
- * Write a preliminary resume.
- * Attend Departmental colloquia.
- * If eligible to be an Honors student, take advantage of the opportunity.
- * Take advantage of CSAP positions that give exposure to problems and solutions of living in our culture.

Junior Year

- * Continue completing basic requirements.
- * Check with the Office Manager to see if a Mock GRE exam will be offered through *Psi Chi*. If so, sign up to take it! (The mock exam is usually offered in the fall.)
- * Begin research with faculty and continue throughout junior year.
- * Think about letter of recommendation resources (e.g., research supervisors, professors of small classes).
- * Explore opportunities for joining professional organizations (e.g., obtain faculty sponsorship for a student membership in the American Psychological Association).
- * Redraft preliminary resume.
- * Attend the state's annual professional meeting in your area of interest.
- * Keep attending Departmental colloquia.
- * Do fieldwork if interested in clinical or counseling psychology.
- * Begin work on one of your previous research papers for possible publication or presentation. (Start spring of junior year.)
- * Register for the following year's November GRE at the Counseling and Testing Center.
- * Write to prospective schools for application materials. (Complete by spring of junior year or summer at the latest.)

Summer Between Junior and Senior Year

- * Buy study guides for the GRE and begin studying systematically.
- * Begin to investigate prospective graduate programs. (Consult with faculty, use library resources, call schools and get their info. packets. Compare strengths and weaknesses of each program.)
- * Do third draft of resume.
- * From research work, write paper(s) for publication or presentation.
- * Research sources of funding for graduate school--grants, assistantships, fellowships, and scholarships.

Senior Year

- * Complete, as much as possible, all impressive degree requirements, research, and fieldwork by December; continue the research and fieldwork, however, because they may be helpful later on.

September

- * Complete & mail application for GRE.

- * Through application materials, find out about any additional requirements or tests needed by individual programs.
 - * Begin requesting letters of recommendation from faculty.
- November
- * Have letter of intent written and a polished resume completed. (Have a faculty member or advisor check them for grammar, spelling, and content.)
 - * Take the GRE.



TIPS FOR TAKING THE GRADUATE RECORDS EXAM (GRE)

Consider the time spent studying for the GRE an investment. A good score will not only get you into a better school, but may save you thousands of dollars on the cost of graduate school through assistantships and fellowships.

- * Start studying early (six months or more is not too early).
- * If you plan to take the test in October, you need to apply early (mid-August) if you want to take the test on a different day than Saturday.
- * October is the best time to take the test since, if you feel you didn't do as well as you wanted to, there is still time to retake the test and have the scores sent to graduate schools before application deadlines (which are often in January).
- * Even if you have your old *Introduction to Psychology* and *Principles of Sociology* textbooks lying around, buy the latest edition of the textbooks. Two highly recommended textbooks for Psychology are Gleitman's *Psychology* and Atkinson, Atkinson, and Hilgard's *Introduction to Psychology*. For Sociology, Henslin's *Sociology: A Down to Earth Approach* or Stark's *Sociology* are recommended.
- * Buy a study guide for the GRE Exam, as well as the Subject Test in your discipline (Psychology, Sociology, etc.). Barron's makes a good one.
- * Check with the Department to see if and when a mock exam is being offered (*Psi Chi* often sponsors a mock GRE exam in the fall).
- * Before you concentrate on reviewing, it often helps to take one practice exam. Look at the correct answer for each of your mistakes and note those areas you are having difficulty with (*i.e.* statistics, comparative psychology, history of psychology, etc.).
- * Study every chapter of the introductory textbook (psychology or sociology) in a manner that was effective for you in classes:
 - 1) Underline;
 - 2) Take notes;
 - 3) Learn the terms (Make flash cards with important names, concepts, & terms. It helps.)
 - 4) Take the time to learn the chapter well.
- * Set realistic goals for yourself!
- * Take a practice exam every 4-6 weeks:
 - 1) Simulate test conditions as nearly as possible;
 - 2) Look at the answers and explanations (learn from your mistakes);
 - 3) It often helps to write down correct answers with an explanation in a notebook, and look these over from time to time.
- * If you continue to be weak in a specific area after reviewing it in an introductory textbook, you may wish to look in a more specific text (*i.e.* abnormal, statistics, social psychology, sociological theory).
- * The last few days before the test are not a good time to study for it. **DON'T CRAM!!!** Being well rested and relaxed will help your score.

RESOURCES AVAILABLE FOR STUDENTS

■ **Career Planning Resource Center and The Career Planning and Placement Center**

These are valuable tools for students who would like to find more about a particular career or would like to find out which careers match their skills and interests.

Located in the James White Library, the Career Planning Resource Center contains career files, the current *Occupational Outlook Handbook*, and a computer program called SIGI-PLUS which is designed to guide the student in choosing a career and gives helpful hints on how to achieve a particular career goal. Almost any career imaginable is listed and vital information is given about each career.

The Career Planning and Placement Center is located in the Student Center on the Andrews Campus. The Center provides quality support and assistance in writing resumes, contacting prospective employers, and listing job positions available in a variety of professional areas and geographical locations. Contact Patricia Stewart at 471-6684 or by e-mail at stewartp@andrews.edu to arrange an appointment.

■ **Service Learning Program** 471-3596

Service Learning gives Andrews students invaluable experience in their areas of study, as well as providing money to help with their tuition expenses. Service Learning, using funds from a variety of federal, state, and private sources, is working hard to assist local human service agencies in making positive and lasting change. For Andrews students wanting to finance their education, gain experience relevant to their major, as well as see their efforts bring a change, Service Learning is the right choice.

■ **Department Readers**

Department majors may take advantage of opportunities to be a reader, giving them a chance to work closely with faculty and getting to know the behavioral sciences field better by helping with grading and tutoring. Applications involve submitting a resume to the Department Office Manager.

■ **Institute of Archaeology and the Horn Archaeological Museum**

A resource for majors who have an anthropology emphasis, the Institute includes a research library and artifact collection of 6,000 objects which can be studied, including 3,000 cuneiform tablets. The institute publishes archaeological works and stores dig photographs and items. Included is the collection of Nelson Glueck.

■ **Institute for the Prevention of Addictions (IPA)**

The IPA is sponsored by the General Conference of Seventh-day Adventists to conduct research on the cause and extent of alcohol and drug use within Adventist populations as well as the general public. This research is used to develop educational and prevention programs. Department majors are often involved with the IPA as research assistants, peer counselors and assistants within IPA education/prevention programs. To learn more about this option, please contact the Department Chair.

■ James White Library and Internet Resources

The James White Library contains over half a million volumes of books and serials, a significant proportion of which are social science-related. The library has worked hard to become networked into the most helpful CD-ROM and Internet resources in the professional behavioral sciences fields.

■ Practicums

Students who wish to gain practical work experience in their area of interest may choose to do a practicum. This allows a Departmental major to be placed in a human services setting where fieldwork activity helps the student to experience and understand his/her major area of interest. Many students do their practicum at institutions in the surrounding area. Those interested in doing a practicum must register for the practicum in their academic area (Family Studies, Psychology, Sociology) and have a program of work approved. Anywhere from 1-12 credits can be accumulated.

■ Psi Chi

Psi Chi is the national psychology honors society. Founded in 1929, *Psi Chi* is designed to encourage, stimulate and maintain scholarship in, and advance the science of psychology. It is an affiliate of the American Psychological Association and a member of the Association of College Honor Societies. *Psi Chi* has more than 500 chapters at accredited colleges and universities nationwide. Students--both undergraduate and graduate--are selected to join the society based on academic achievement in psychology courses and background in the field of psychology. Applications are available in the Department.

■ Research and Publication Opportunities for Students

Cooperative Research Projects

These projects usually involve work with a Department professor on an on-going research project. Students who have taken research courses and have some knowledge of statistics are usually preferred. Cooperative research projects not only give students research experience and potential publications (which look great for graduate school!), but also allow students to see how research projects are brought together. Check with the Department Office Manager for more information.

Data Banks

A variety of data banks (available on CD-ROM or via the Internet) are on hand for student use. These materials are excellent resources in secondary data analysis for student research and/or honors projects. Please see the Office Manager or Department Chair for more details.

Professional Conferences

Andrews University's location allows students the chance to attend many professional conferences. We are close to Chicago, Detroit, Toronto and Indianapolis, all of which are often chosen to hold professional meetings. When possible, the Department takes students to such conferences. These opportunities allow students to grow and meet influential people in their professional fields. Some of our students present their own research at conferences. Experience at the undergraduate level in making presentations at such professional conferences make students strong candidates for acceptance into graduate school.

■ Scholarships

Contact the Dean of the College of Arts and Sciences to apply.

Behavioral Sciences Scholarship

Criteria for eligibility: "Behavioral Sciences major with a 3.0+ GPA who has completed at least 28 credits in behavioral science."

E. Jack and Juanita K. Boyson Endowed Scholarship

Reserved for needy and worthy students enrolled at Andrews University involved in some aspect of community service. Awarded through the Department and the Community Services Assistantship Program (CSAP).

Knobby and Pat Mauro Endowed Scholarship

Reserved for needy and worthy students enrolled at Andrews University pursuing an undergraduate degree in Family Studies.

Annemarie Krause Memorial Endowed Scholarship Fund

Criteria for eligibility: "To some needy and worthy student(s) enrolled in the College of Arts and Sciences at AU with preference to geography student, to the extent that there are students who qualify for this scholarship."

Class of 1983 Endowed Scholarship

Criteria for eligibility: "One or more worthy students who have completed one quarter in their undergraduate Junior or Senior year who require financial help to continue their course of study in any of the divisions of the University.

Frank and Dolly Faehner Endowed Scholarship

Criteria for Eligibility: "Needy and worthy student(s) enrolled at Andrews University who is/are residents of Lamson Hall."

■ **Student Affiliations in Professional Societies**

Students taking courses in one of the behavioral science areas may wish to become a student affiliate of a professional society. There are several to choose from including the American Psychological Association (APA), the American Anthropology Association (AAA), and the American Sociology Association (ASA). Being a student affiliate allows students to subscribe to professional journals at member rates as well as attend professional conferences at reduced registration rates. Students wishing to obtain application materials should contact the Department of Behavioral Sciences.

■ **Teacher Certification**

In collaboration with the Andrews University School of Education, teacher certification is available in two main areas in the Behavioral Sciences. Students seeking teacher certification on the secondary level may enroll in the B.S. 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. Any student interested in obtaining their certification should contact the School of Education for application procedures.

LIBRARY AND INTERNET RESOURCES AT ANDREWS UNIVERSITY

The James White Library (JWL) at Andrews University is an excellent resource for both undergraduate and graduate students. While Andrews is a relatively small university in comparison with the major schools, we have excellent resources. For a quick browse of what would be available to you, please visit the James White Library Home Page at www.andrews.edu/library/. All materials are available free to patrons of JWL (both students and community card holders). The following listings are by no means exhaustive, but can help you get an idea of the resources you will have access to as a student at Andrews:

Behavioral Sciences Journals

JWL has an outstanding collection of journals in all areas, both academic and general. Following the trend of the electronic age, the major portion of JWL resources is reserved for obtaining materials through Web databases or other electronic media. However, care is taken to ensure that the most cited journals by field are still held in the JWL collection. In the areas of Anthropology, Archaeology, Family Studies, Psychology, Social Work and Sociology, JWL has over 200 journals. A full listing of these journals can be obtained through the Department of Behavioral Sciences' Office Manager or the JWL Reference Desk.

CD-ROM and other Electronic Databases

JWL has a good selection of electronic databases, many of which are available on CD-ROM, for use in research. These are for use in the JWL library only. Those with primary interest to Department students are listed below.

■ Demography/Statistics

Census of Population & Housing (CD-ROM)

General profiles, geographic identifiers, persons, families, households, urban and rural, sex, race and more. 1991.

County and City Data Book (CD-ROM)

Geographic levels, US state groups, counties, cities of 25,000 or more, places of 2,500 or more and other data. 1994.

Statistical Abstract of the United States

Statistical abstract tables, state rankings, state profiles, MSA population, and more. 1994.

USA Counties (CD-ROM)

General profile, age, agriculture, ancestry, banking, building permits, crime, earnings, education, health, social programs, and more. 1994.

■ Geography

Street Atlas USA (CD-ROM)

Finds locations by place name, telephone exchange or zip code. 1993.

■ Psychology

PsycLit (CD-ROM)

Provides citations with abstracts from a worldwide coverage of more than 1,400 international journals plus books and book chapters containing the literature of psychology and the behavioral sciences. 1974—

■ Sociology

Anthropological Literature Index (JeWeL)

Indexes articles and essays of two or more pages in anthropology and archaeology from works published in English and other European Languages.

Expanded Academic Index for Articles (JeWeL)

Indexes over 1,620 journals and magazines in the humanities, social sciences, science, and technology.
Updated weekly.

General Web Sites You Might Find Useful

A collection of the latest and greatest in interesting Web sites dealing with the behavioral sciences can be found at the Department of Behavioral Sciences Home Page. Visit us there at www.andrews.edu/BHSC/.

World Wide Web Electronic Databases

At present, JWL has access to over 120 electronic databases through the World Wide Web. Most of these are available only through a large library or other organization (the usage fees are substantial). Individuals with Andrews domain Internet addresses have access to these sites by accessing the Andrews University home page. Below are those which are especially useful to Department of Behavioral Sciences students:

A & H Search (OCLC)

Indexes over 1,100 of the world's leading arts and humanities journals and selectively covers articles from over 5,800 social science and science journals. Contains over 1.4 million records. An additional 700+ records give preferred and variant names of cited authors. 1980-updated weekly.

Academic Search FullTEXT 1,000 (EBSCO and INNView (JeWeL))

This database includes indexing and abstracts from over 3,100 scholarly journals and full text of over 1,000 of them. Periodicals from business, social sciences, humanities, general academic, general science and education are included.

AIDS and Cancer Research

Indexing and abstracts of cancer and AIDS research gathered from worldwide scientific literature as summarized in Virology & AIDS Abstracts, Oncogenes & Growth Factors Abstracts and Immunology Abstracts. The database covers the current year plus the five preceding years and is updated monthly.

Anthropological Literature (RLG eureka)

Index contains records describing articles and essays in anthropology and archaeology of two or more pates, from works published in English and other European languages. Covers archaeology, art history, biological anthropology, cultural anthropology, demography, economics, ethnohistory, folklore, genetics, geology, linguistics, physical anthropology, social anthropology, sociology, etc. Updated quarterly.

Books in Print

Web version is from OCLC. A more complete version is available in the reference collection on CD-ROM, entitled *Books in Print Plus with Book Reviews*. Contains books covering all subjects provided they are published or exclusively distributed in the U.S. and available to the trade and general public for single or multiple purchase. Provides many other non-traditional ways of searching for books.

Census of Population and Housing

State by state information on housing, population, and detailed information on sex, age, race, occupancy, etc. Counties, cities and towns can be searched.

ContentsFirst

Complete table of contents page and holdings information for nearly 12,500 journals in many fields. January 1990 to the present.

County and City Data book

Contains demographic, economic, and governmental data from both the Federal government and private agencies. Covers area, households, vital statistics, population, education, crime, etc. Updated every 5 years.

Dissertation Abstracts

The complete range of academic subjects appearing in dissertations accepted at accredited institutions since 1861. Updated monthly.

eHRAF

Human Relations Area Files of cultural information for education and research. Facilitates cross-cultural study of human culture, society, and behavior. Provides information on a broad range of cultures. Information is from scholarly books, dissertations, journal articles and conference papers. Disciplines include anthropology, geology, history, psychology, medicine, ethnic studies, fine arts, literature, social work, law, and archaeology.

FactSearch

The FactSearch Database is a guide to statistical statements on current social, economic, political, environmental and health issues, derived from some 1,000 newspapers, periodicals, newsletter and documents such as the Christian Science Monitor, the Congressional Record, Congressional hearings, Daily Press Briefings of the White House, State Department and Department of Defense, and Australian, British and Canadian Parliamentary Debates. Web links to free full text are included frequently. Covering 1984 to the present and updated every six weeks, FactSearch is the FirstSearch implementation of the A Matter of Fact database produced by Pierian Press, in Ann Arbor, Michigan.

GEOBASE

Contains more than 500,000 records covering the worldwide literature on geology geography, and ecology. Updated monthly.

GeoRef

Nearly 2 million records about geology and earth sciences. 1785 to the present (North American); 1933 to the present (entire world). Updated bi-monthly.

HaPI (Health and Psychosocial Instruments)

HaPI provides extensive information for finding quantitative and qualitative instruments in the health and psychosocial sciences. Included is information on questionnaires, rating scales, interview forms, checklists, vignettes/scenarios, indexes, coding schemes/manuals, projective techniques and tests.

Humanities Abstracts

More than 400 periodicals in archaeology, art, classics, film, folklore, journalism, linguistics, music, the performing arts, philosophy, religion, world history, and world literature. Indexing from February 1984 to the present, abstracts from March 1994. Updated monthly.

Matter of Fact

The A Matter of Fact database contains approximately 75,000 textual statistical excerpts on current social, economic, political, health, and environmental public policy issues. Approximately 40% of the full-text excerpts come from congressional hearings and the Congressional Record, reflecting the public policy formation process at the highest level. The excerpts are actual quotes from the original documents. A Matter of Fact covers approximately 1,000 sources. The database is updated quarterly with approximately 12,000 new records added each year.

New York Times

The New York Times database covers international, national, business and New York regional news as well as sciences, medicine, arts, sports, and lifestyle news. All articles are from the Late City Edition of the New York Times (the same edition as produced on microfilm). The full texts of all articles published within 90 days will be available online. Abstracts accompany all other articles, from January 1994 to the present.

PAIS Decade

More than 200,000 records representing articles, books, conference proceedings, government documents, book chapters, and statistical directories about public affairs. Covers the most recent 10 years. Updated monthly.

PapersFirst

An index to papers presented at conferences.

PC Globe

Combination of almanac and atlas. Offers quick access to international data in the form of maps, charts, and tables.

PC USA

Combination of almanac and atlas. Gives information on the USA, as well as its states and regions. Contains maps, charts, tables.

Periodical Abstracts

1,500+ general and academic journals, covering business, current affairs, economics, literature, religion, psychology, women's studies, and others. January 1986 to the present. Updated weekly.

Peterson's Graduate Explorer

Based on the *GRE/CCS Directory of Graduate Programs*. Select this program from the SIGI-PLUS menu. Provides detailed information about graduate institutions and graduate programs of study. Includes approximately 800 graduate institutions and nearly 1,300 programs of study. Can either make a direct access to the institution or search by subject area, major field within an area, or specialization.

Pro CD Home

80 million listings from printed phone directories in the United States.

Proceedings First

An index to conference proceedings.

PsycFirst

More than 1,300 journals on psychology and related fields. Coverage is current year plus the most recent three years. Updated monthly.

PsycINFO

Print equivalent is Psychological Abstracts. Provides citations with abstracts from a worldwide coverage of more than 1,400 international journals plus books and book chapters containing the literature of psychology and the behavioral sciences.

SIGI-PLUS

An interactive career guidance program that allows an individual to assess himself, to find more information about different careers, and to discover what the requirements are for getting into those careers. The enhanced version allows one to search by major. A complete session lasts about 1 ½ hours.

Social Sciences Abstracts

More than 400 international, English-language periodicals in sociology, anthropology, geography, economics, political science, and law. Updated monthly.

Social SciSearch

The Social SciSearch database is an international, multi disciplinary index to the literature of the social, behavioral, and related sciences, produced by the Institute for Scientific Information (ISI). Social SciSearch contains all of the records published in the *Social Sciences Citation Index*. Social SciSearch offers some unique information retrieval techniques. In addition to the more conventional methods, Social SciSearch offers citation indexing, which permits search by cited references.

Social SciSearch indexes all significant items (articles, reports of meetings, letters, editorials, correction notices, etc.) From the more than 1,500 most important worldwide social sciences journals from 1972 to the present. Additional articles relevant to the social sciences are selected from over 2,400 journals in the natural, physical, and biomedical sciences.

SocioAbs

Indexes 250 English-language journals in sociology, social work, and other social sciences. This is a subset of the total Sociofile database.

Sociofile

Contains the *Sociological Abstracts* and the *Social Planning/Policy & Development Abstracts* databases. Provides access to the world's literature in sociology, both theoretical and applied, with serial coverage from 1974, and relevant dissertations from 1986 onwards.

UnCover Web (Periodical Index)

Index to contents of over 12,000 current periodicals.

Union Lists (OCLC)

This database shows over 7 million holdings for journals and other covered items among OCLC member libraries. It can help you determine if a library holds a specific journal issue. Updated semiannually.

Wilson Select (Full text)

H.W. Wilson Select Full Text contains indexed and abstracted articles from over 430 periodicals, all with ASCII full text online. The database is comprised of records from the following H.W. Wilson databases: Readers' Guide Abstracts, Social Sciences Abstracts, Humanities Abstracts, General Science Abstracts and Wilson Business Abstracts.

World Atlas

International information that can be displayed and/or printed as text, maps, or graphs. Also gives ocean floor relief maps as well as ocean surface maps. Detailed text information from different international organizations. Includes information for 300 cities from different parts of the world. Listing can be either alphabetical or numerical.