(DG) and/or incomplete (I) courses with advisor approvals only. Registration for this title indicates full-time status.

**SOCI655** $ (0)

*Program Continuation*

Students may register for this non-credit continuation course to maintain active status. For additional information on active status, please refer to p. 51 in the bulletin. Registration does not indicate full-time status.

**SOCI660** $ (0)

*Thesis Continuation*

Student may register for this title while clearing deferred grade (DG) and/or incomplete (I) courses with advisor approvals only. Registration for this title indicates full-time status.

**SOCI665** $ (0)

*Preparation for Comprehensive Exams*

Advisor approval required. Registration for this title indicates full-time status.

**SOCI670**

*Comprehensive Exam*

**SOCI677**

*Colloquim*

**SOCI680** (1–2)

*Field Practicum*

Students integrate course content and theory into practice during a 300-hour field practicum coordinated with each student’s research project and/or concentration that is the concluding requirement for the concentration. 260 hours may be done with the student’s primary employer, but all students must complete one week (40 hours) in an external organization. Students must submit a practicum proposal indicating approval from a sponsoring organization and learning objectives. Upon completion, the student submits a practicum portfolio. Prerequisite: 2 courses in concentration.

**SOCI689** (1–3)

*Seminar*

**SOCI690** (1–3)

*Independent Study*

**SOCI698** (2–3)

*Research Project*

A research project is carried out by a master’s degree candidate in which the student’s mastery of the research process is demonstrated. A typical end product might be a community assessment study, a program evaluation study, a best practice benchmarking study, or a problem-solving study.

**SOCI699** (4)

*Master’s Thesis*

Behavioral Neuroscience is a new interdisciplinary program at Andrews University that is based in Behavioral Science, Biology, and Mathematics. It has been established with the support of an approximately one-half million dollar grant from the National Science Foundation. 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 Behavioral Neuroscience 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.

### Undergraduate Programs

**Behavioral Neuroscience Core—38-40 + 3 Gen. Ed.**

- General Education: PSYC180–3
- BIOL165, 166, ZOOL475, CHEM131, 132
- CHEM231, 232, 241, 242 or PHYS141, 142 or PHYS241, 242, 271, 272, PSYC364, 445, 449/BIOL450

**BS: Biology**

**Neuroscience Emphasis—26**

- BIOL371, 372, 449, 495 (2 cr), ZOOL468, 484, three upper division electives from Biology, Psychology or BCHM422
Behavior/Mathematics Emphasis—28
BIOL371, 372, 469, 495 (2 cr), ZOOL484, MATH141, 142, 426, STAT340

BS: Psychology
Behavioral Neuroscience—24 + 3 Gen. Ed.
General Education—PSYC101
PSYC433, 434, 460, 465, four upper division electives from Biology, Mathematics or Psychology

Faculty
David A. Steen, Chair
Gordon J. Atkins
Bill Chobotar
H. Thomas Goodwin
James L. Hayward
David N. Mbungu
Marlene N. Murray
John F. Stout
Dennis W. Woodland
Robert E. Zdor

Mission
The program in Biology is centered in the study of life within the context of a Seventh-day Adventist Christian worldview. Perception of the Creator through His creation, the ethical use of individual gifts in caring for creation and personal balance through self-understanding are encouraged.

Accordingly, students in Biology are challenged through thoughtful, inquisitive study:
• to understand life’s basic processes through scholarship and research,
• to understand their place in the scheme of creation,
• to grow in analytical and creative abilities,
• to prepare for skilled, productive service in biological, medical and related disciplines, and
• to find through Spirit-centered study and service, greater personal integrity and a strengthened faith commitment.

Each degree offered by the Department of Biology includes a common core curriculum and additional courses tailored to students’ special needs.

Highly motivated students may compete for the Biology Undergraduate Research Traineeship (BURT) program. For full details, consult the Biology Department.