

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

**P g a C** \$ ( )

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.

**T e C** \$ ( )

Student may register for this title while clearing deferred grade

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degree candidate  
process is demon-  
strating assessment  
community assessment  
practice benchmarking

( )

# BEHAVIORAL NEUROSCIENCE

Price Hall, Room 216, Nethery Hall, Room 123  
269-471-3243, 269-471-3261, 269-471-3152

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**J**  
John Stout, *Director*

Karl Bailey, *Program Coordinator*, Psychology

Gordon Atkins, *Advisor*, Biology

Robert Helm, *Advisor*, Psychology

Shandelle Henson, *Advisor*, Mathematics

David Mbungu, *Advisor*, Biology

Duane McBride, *Advisor*, Behavioral Science

James Hayward, *Biology*

Derrick Proctor, *Psychology*

David Steen, *Biology*

<b>A</b>	
BS: Biology	
Neuroscience emphasis	64–66
Behavior/Mathematics emphasis	66–68
BS: Psychology	
Behavioral Neuroscience emphasis	67

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

BIOL371, 372, 449, 495 (2 cr), ZOOL484, MATH141, 142, 426, STAT340

**BS: P**

PSYC433, 434, 460, 465, four upper division electives from Biology, Mathematics or Psychology

# BIOLOGY

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 269-471-3243  
[biology@andrews.edu](mailto:biology@andrews.edu)  
[www.andrews.edu/biology/](http://www.andrews.edu/biology/)

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

BS: Biology	67
Behavior/Mathematics	67
Biomedical	37-38
Botany	42
Molecular Biology	36-37
Neurobiology	38
Neuroscience	67
Special	42
Zoology	42
Minor in Biology	22
Minor in Environmental Sciences	28
MS: Biology	30
MAT: Biology	

**M**

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.