

**AREA OF CONCENTRATION IN ANIMAL BEHAVIOR  
MAJOR WORKSHEET 2005-2007**

*Students wishing to pursue this area of concentration must complete an application available at the following website: [http://www.morris.umn.edu/services/acad\\_affairs/aavarious.html#areaconcentration](http://www.morris.umn.edu/services/acad_affairs/aavarious.html#areaconcentration) . Attach the worksheet below to the application for Area of Concentration. Required signatures must be provided on the Area of Concentration form.*

Objectives – The Animal Behavior area of concentration is designed to provide students with a comprehensive and interdisciplinary understanding of the breadth of animal behavior, and to prepare students for graduate or professional work in that field through required coursework and field experiences in biology and psychology. Students are expected to develop competency in reading and interpreting technical literature in both fields, in quantifying and statistically analyzing behavior, and in verbal and written expression of the scientific aspects of animal behavior.

**Minimum required credits = 53**

<b>Required Courses:</b>	<b>Credits</b>	<b>Term</b>
Biol 1101      Biological Principles	3	_____
Biol 2101      Evolution of Biodiversity	4	_____
Biol 2111      Cell Biology	4	_____
Biol 3101      Genetics	4	_____
Biol 3131      Ecology	4	_____
Biol 4131      Vertebrate Natural History	4	_____
Biol 4161      Evolution	4	_____
Biol 4xxx      Biology elective	4	_____
Chem 1101      General Chemistry I	4	_____
Chem 1102      General Chemistry II	4	_____
Psy 3201      Comparative Psychology	4	_____
Psy 3993      Field Experience/Internship	4	_____
Psy 4993      Directed Study – Ethology	2	_____
Stat 1601      Introduction to Statistics	4	_____

See Four-Year Plan on Reverse

**Sample Four Year Plan**  
**Area of Concentration in Animal Behavior**

**Year 1**

**FALL**

Chem 1101—General Chemistry I	4 cr
Biol 1101—Biological Principles	3 cr
Stats 1601—Introduction to Stats	4 cr
IS 1001—FYS	<u>2 cr</u>
Credits this term:	13 cr

**SPRING**

Chem 1101—General Chemistry II	4 cr
Biol 2101—Evol of Biodiversity	4 cr
Engl 1101—College Writing	4 cr
GER or other elective(s)	<u>3 cr</u>
Credits this term:	15 cr

**Year 2**

**FALL**

Biol 2111—Cell Biology	4 cr
Foreign Language 1001	4 cr
GER or other elective	4 cr
GER or other elective	<u>4 cr</u>
Credits this term:	16 cr

**SPRING**

Biol 3101—Genetics	4 cr
Foreign Language 1002	4 cr
GER or other elective	4 cr
GER or other elective	<u>4 cr</u>
Credits this term:	16 cr

**Year 3**

**FALL**

Biol 3131—Ecology	4 cr
GER or other elective	4 cr
GER or other elective	4 cr
GER or other elective	<u>4 cr</u>
Credits this term:	16 cr

**SPRING**

Psy 3201—Comparative Psych	4 cr
GER or other elective	4 cr
GER or other elective	4 cr
GER or other elective	<u>4 cr</u>
Credits this term:	14 cr

**Year 4**

**FALL**

Biol 4161—Evolution	4 cr
Biol 4131—Vert Natural History	4 cr
(offered odd # yrs)	
Take credits for Psy 3993—	
Dir Study/field exp/internship	
at zoo – done in summer	4 cr
GER or other elective	<u>4 cr</u>
Credits this term:	16 cr

**SPRING**

Biol 4000-level elective	4 cr
Psy 4993—Ethology Dir Study	2 cr
GER or other elective	4 cr
GER or other elective	<u>4 cr</u>
Credits this term:	14 cr