

Student: \_\_\_\_\_  
SS Number: \_\_\_\_\_

Location: \_\_\_\_\_

The Pennsylvania State University  
College of Agricultural Sciences

**Veterinary and Biomedical Sciences**  
124 Credits Required

Advisor: \_\_\_\_\_  
Program Year: \_\_\_\_\_

last update 5/15/14

**MAJOR**

Sem. Course Cr. Grade

Major Prescribed Courses (46 credits)

\*AN SC 201  
\*AN SC 301  
\*BIOL 110GN  
\*BIOL 222  
\*CHEM 110GN  
\*CHEM 111GN  
CHEM 112GN  
CHEM 113GN  
MATH 140 GQ  
MATH 141 GQ  
MICRB 201  
MICRB 202  
PHYS 250 GN  
PHYS 251 GN  
STAT 200 GQ or STAT 250 GQ  
VB SC 211  
\*VB Sc 403  
VB SC/Biol 421

Additional Courses (27-31 credits)

BMB 211 & 212 or 401  
BMB 221 or 402  
BIOL 220GN or 230 GN or 240 GN or BMB 251  
AN SC 423 or BIOL 472  
CHEM 202 or 210  
CHEM 203 or CHEM 212 and 213

Supporting Courses (9 credits\*)

Supporting courses are chosen from a departmental list of approved 400 level courses  
Consult advisor for current list.

Electives 8-11 credits

**GENERAL EDUCATION**

18 of these 46 credits are included in Requirements for the Major

Sem. Course Cr. Grade

Quantification (6 credits) GQ

Natural Sciences (9 credits) GN

Arts (6 credits) GA

Humanities (6 credits)GH

Health/Physical Activities (3 credits)GHA

Sem. Course Cr. Grade

1<sup>st</sup> Year Seminar (1-3 credits) S

Social & Behavioral Sciences (6 credits) GS  
ECON 102GS or 104GS or AG BM 101GS

\*\*U. S. Cultures – 3 credits (US)  
I. L. Cultures – 3 credits (IL)

\*\*Writing Intensive (3 credits)W

Communications-Writing/Speaking (9 credits) GWS  
ENGL 015 or 030  
ENGL 202  
CAS 100

NOTE:

\* Must earn C or better

\*\* Courses selected for this requirement MAY also fulfill other major requirements.  
Entrance into major requires a 2.0 GPA and a grade of C or higher in Biol 110, Chem 110 and Chem 111