

# Doubledawgs Program

## Biological Sciences B.S./Poultry Science M.S.

### Program Overview

This program is a fast-track for exceptional students with aspirations of obtaining an M.S. degree. The program allows students to get both a B.S. and an M.S. degree within a 5-year period. Students will complete the B.S. requirements within the first four years while also beginning M.S. research and coursework during the fourth year. The M.S. degree work will be completed during the 5<sup>th</sup> year.

### Admission Requirements

Completion of and passing grade in CHEM 2212 and 2212L

Minimum GPA of 3.2

Letter from a faculty member agreeing to serve as your research advisor

### How to Apply to the Dual Degree Pathway:

- **1st find a potential mentor!** Admission is contingent on the student finding a faculty member who will agree (and provide a letter to this effect) to serve as the major research advisor.
- Applications are due **June 1<sup>st</sup>** following your 2<sup>nd</sup> year of your academic program. Students beyond this point are not eligible.
- Students will be required to submit:
  - o An unofficial transcript
  - o A curriculum vitae
  - o Three letters of recommendationTo Ivy Blackwell, [ivb@uga.edu](mailto:ivb@uga.edu)
- The prospective mentor must also submit a letter of agreement by the June 1<sup>st</sup> due date.
- Decisions will be made before the start of the next Fall semester. If admitted, you are still an undergraduate student, but you are granted permission to take graduate-level courses

### Admission to the Graduate Program

During your 4<sup>th</sup> year of your program, you will be required to apply to the Graduate School to be admitted as an M.S. student for your 5<sup>th</sup> and final year of the program.

- Applications for this are due by **July 1<sup>st</sup>** of your 4<sup>th</sup> year in your program
- Students will be required to submit:
  - o An unofficial transcript (GPA minimum = 3.2)
  - o GRE scores (GRE minimum = 302 combined verbal and quantitative scores)
  - o A statement of research

### To Remain in the Program:

There are minimum standards required to remain in the program. These include maintaining at least a cumulative GPA of 3.2 and a 3.0 GPA in graduate coursework. In addition, the student's major professor must agree to continue mentoring. If the major professor should step down, you have one semester to find a new major professor to remain in the program.

## SAMPLE PLAN OF STUDY

### BIOLOGICAL SCIENCES BSA/ POULTRY SCIENCE MS

#### YEAR 1

<u>Fall Courses</u>	<u>Hours</u>	<u>Spring Courses</u>	<u>Hours</u>
ENGL 1101 – English Composition I	3	POLS 1101 – American Government	3
MATH 1113 - Precalculus	3	ENGL 1102 – English Composition II	3
HIST 2111 or 2112 – American Hist.	3	CHEM 1212 – General Chemistry II	3
CHEM 1211 – General Chemistry I	3	CHEM 1212L – General Chemistry II lab	1
CHEM 1211L – General Chemistry 1 lab	1	BIOL 1107/1107L – Principles of Biology I	4
FYOS 1001 – First year odyssey	1	P.E. Requirement	1
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>15</b>

#### YEAR 2

<u>Fall Courses</u>	<u>Hours</u>	<u>Spring Courses</u>	<u>Hours</u>
BIOL 1108-/108L – Principles of Biology II	4	CHEM 2212 – Organic chemistry II	3
CHEM 2211 – Organic Chemistry I	3	CHEM 2212L – Organic chemistry II lab	1
CHEM 2211L – Organic Chemistry II	1	World Lang & Culture (GenEd IV)	3
AESC 2050 – Global Agriculture	3	BCMB 3100 – Biochemistry	4
Social Science (GenEd V)	3	COMM 1100 – Intro. Public Speaking	3
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>14</b>

**Summer Course**  
POUL 4960 – Undergraduate research – 3h

#### YEAR 3

<u>Fall Courses</u>	<u>Hours</u>	<u>Spring Courses</u>	<u>Hours</u>
MIBO 3500- Introductory Microbiology	3	PHYS 1112-1112L – Introductory Physics II	4
PHYS 1111/1111L – Introductory Physics I	4	General Elective	3
*POUL 6200 – Avian Physiology	4	VPHY 3100	3
GENE 3200 – Genetics	4	*POUL 6060 – Reproductive Endocrinology	3
		General elective	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>16</b>

**Summer Course**  
POUL 4960 – Undergraduate research – 3h  
General Elective - 3

#### YEAR 4

<u>Fall Courses</u>	<u>Hours</u>	<u>Spring Courses</u>	<u>Hours</u>
*POUL 4300/6300 – Nutr. Immunology	3	POUL 3123	3
MIBO 3510L – Microbiology Laboratory	3	World Lang & Culture (GenEd IV)	3
General Elective	3	POUL 8120 – Scientific Writing	3
Major Elective	3	Major elective	3
*ANNU 4370/6370 – Monogastric Nutrition	3	General Elective	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>

**Summer Course**  
POUL 7000 – Master's Research – 3

#### YEAR 5

<u>Fall Courses</u>	<u>Hours</u>	<u>Spring Courses</u>	<u>Hours</u>
STAT 6210 – Intro. Statistical Methods I	3	STAT 6220 – Intro. Statistical Methods II	3
BCMB 6000 – Gen. Biochem. Mol. Biol.	3	POUL 8100 – Defense seminar	1
POUL 7000 – Master's Research	3	POUL 7300 – Thesis writing	3
		POUL 7000 – Master's Research	3
<b>Total</b>	<b>12</b>	<b>Total</b>	<b>12</b>

\*Asterisks are undergraduate courses used to satisfy graduate degree requirements