

**EXAMPLE OF GENETICS MAJOR CURRICULUM – PRE-MEDICAL EMPHASIS with JOINT TRANSFER/AP credit in ENGL 1101, MATH 1113, MATH 2250, HIST 2111 (13 hours), and foreign language I (waived)**

**1<sup>st</sup> YEAR**

**Fall (15 hrs):**

ENGL 1102M (3) [I]  
CHEM 1211-1211L (4) [II]  
Social Sci (not history) (3) [V]  
For. Lang. II (4) [IV]  
FRES 1020 (1) [Elective]

**Spring (15 hrs):**

MATH 2260 (4) [VI]  
CHEM 1212-1212L (4) [VI]  
BIOL 1107-1107L (4) [II]  
Foreign Lang. III (3) [IV]

**2<sup>nd</sup> YEAR**

**Fall (15 hrs):**

CHEM 2211-2211L (4) [VI]  
BIOL 1108-1108L (4) [VI]  
PHYS 1211-1211L (4) [Major]  
Social Sci (not history) (3) [V]

**Spring (15 hrs):**

CHEM 2212-2212L (4) [VI]  
GENE 3200 (4) [Major]  
PHYS 1212-1212L (4) [Major]  
FA/PHIL/RELI (3) [IV]

**3<sup>rd</sup> YEAR**

**Fall (12 hrs):**

BCMB 3100 (4) [Major]  
GENE 4960 (4) [Major]  
VPHY 3100<sup>1</sup> (3) [Major Elec]  
BIOL 3990 (1) [Elective]

**Spring (12 hrs):**

GENE 4960<sup>1</sup> (4) [Major Elective]  
GENE 3000 (4) [Major]  
World Lang/Culture (3) [IV]  
PEDB (1) [Phys Ed]

**4<sup>th</sup> YEAR**

**Fall (13 hrs):**

GENE 4200 (3) [Major]  
GENE 3210L (3) [Major]  
GENE 4950A (1) [Major]  
Literature (3) [Elective]  
GENE 4070 (3) [Elective]

**Spring (11 hrs):**

CBIO 3400 (4) [Major]  
GENE 4950B (1) [Major]  
MIBO 3500<sup>1</sup> (3) [Major Elective]  
FA/PHIL/RELI (3) [Elective]

**Total Hours 121**

<sup>1</sup> Illustrative. See Bulletin for requirements and [www.genetics.uga.edu/undergrad.html](http://www.genetics.uga.edu/undergrad.html) for a list of options.

**EXAMPLE OF GENETICS MAJOR CURRICULUM – EVOLUTIONARY BIOLOGY  
EMPHASIS with JOINT TRANSFER/AP credit for ENGL 1101, MATH 1113, BIOL 1107  
(10 hours) and foreign language I waived**

**1<sup>st</sup> YEAR**

**Fall (15 hrs):**

ENGL 1102M	(3) [I]
STAT 2000	(4) [Elective]
CHEM 1211-1211L	(4) [II]
HIST 2112	(3) [V]
FRES 1010	(1) [Elective]

**Spring (15 hrs):**

BIOL 1108-1108L	(4) [VI]
STAT 4210 <sup>1</sup>	(3) [VI]
CHEM 1212-1212L	(4) [VI]
POLS 1101	(3) [V]
PEDB	(1) [Phys Ed]

**2<sup>nd</sup> YEAR**

**Fall (16 hrs):**

CHEM 2211-1211L	(4) [VI]
GENE 3000	(4) [Major]
ECOL 3500-3500L <sup>2</sup>	(4) [Major Elective]
MATH 2250	(4) [III]

**Spring (15 hrs):**

CHEM 2212-2212L	(4) [VI]
BCMB 3100	(4) [Major]
GENE 3200	(4) [Major]
Literature	(3) [IV]

**3<sup>rd</sup> YEAR**

**Fall (13 hrs):**

GENE 4230L <sup>3</sup>	(3) [Major]
GENE 4200	(3) [Major]
Foreign Lang. II	(4) [IV]
Social Sci (not history)	(3) [V]

**Spring (13 hrs):**

PBIO 4530 <sup>2</sup>	(3) [Major Elective]
GENE 4960	(4) [Major]
Foreign Lang. III	(3) [IV]
FA/PHIL/RELI	(3) [IV]

**4<sup>th</sup> YEAR**

**Fall (12 hrs):**

GENE 4960 <sup>2</sup>	(4) [Major Elec]
GENE 4950A	(1) [Major]
PHYS 1211-1211L	(4) [Major]
FA/PHIL/RELI	(3) [Elective]

**Spring (12 hrs):**

CBIO 3400	(4) [Major]
GENE 4950B	(1) [Major]
PHYS 1212-1212L	(4) [Major]
Elective	(3) [Elective]

**Total Hours 121**

<sup>1</sup> Statistics department may waive the STAT2000 prerequisite on a case-by-case basis (contact Christine Franklin for permission).

<sup>2</sup> Illustrative. For this emphasis, electives or additional courses in organismal biology (through plant biology, forestry or ecology), mathematics, statistics and computer programming are recommended.

<sup>3</sup> GENE 4220L, offered spring semesters, also is an appropriate lab for this emphasis.

## EXAMPLE OF GENETICS MAJOR CURRICULUM – NO JOINT TRANSFER/AP CREDIT HOURS

### 1<sup>st</sup> YEAR

#### Fall (15 hrs):

ENGL 1101	(3) [I]
MATH 1113	(3) [I]
CHEM 1211-1211L	(4) [II]
POLS 1101	(3) [V]
PEDB	(1) [Phys Ed]
FRES 1010	(1) [Elective]

#### Spring (15 hrs):

ENGL 1102	(3) [I]
MATH 2250	(4) [III]
CHEM 1212-1212L	(4) [VI]
BIOL 1107-1107L	(4) [II]

### 2<sup>nd</sup> YEAR

#### Fall (16 hrs):

CHEM 2211-2211L	(4) [VI]
BIOL 1108-1108L	(4) [VI]
MATH 2260	(4) [VI]
Foreign Lang I	(4) [IV]

#### Spring (16 hrs):

CHEM 2212-2212L	(4) [VI]
BCMB 3100	(4) [Major]
GENE 3000	(4) [Major]
Foreign Lang. II	(4) [IV]

### 3<sup>rd</sup> YEAR

#### Fall (15 hrs):

PHYS 1211-1211L	(4) [Major]
GENE 3200	(4) [Major]
GENE 3210L	(3) [Major]
Foreign Lang. III	(3) [IV]

#### Spring (14 hrs):

PHYS 1212-1212L	(4) [Major]
GENE 4050 <sup>1</sup>	(3) [Major Elective]
GENE 4220L	(3) [Major]
CBIO 3400	(4) [Major]

### 4<sup>th</sup> YEAR

#### Fall (16 hrs):

GENE 4200	(3) [Major]
PBIO 3020 <sup>1</sup>	(3) [Major Elec]
GENE 4950A	(1) [Major]
Literature	(3) [Elective]
FA/PHIL/RELI	(3) [IV]
3000+ Elective	(3) [Elective]

#### Spring (14 hrs):

BCMB 4200 <sup>1</sup>	(3) [Major Elective]
HIST 2111/2112	(3) [V]
GENE 4950B	(1) [Major]
FA/PHIL/RELI	(3) [Elective]
Social Sci (not history)	(3) [V]
Elective	(1) [Elective]

**Total Hours 121**

<sup>1</sup> Illustrative. See Bulletin for requirements and [www.genetics.uga.edu/undergrad.html](http://www.genetics.uga.edu/undergrad.html) for a list of options.

**EXAMPLE OF GENETICS MAJOR CURRICULUM – HONORS STUDENT, GRADUATE SCHOOL BOUND, THESIS OPTION, FOREIGN LANGUAGE MINOR**

**Advance Placement Credits or Exemptions (29 hours):**

ENGL 1101	(3) [I]	ENGL 1102	(3) [I]
MATH 1113	(0) [I]	MATH 2250	(4) [III]
BIOL 1107	(4) [II]	BIOL 1108	(4) [VI]
PHYS 1211	(4) [Major]	PSYC 1101	(3) [V]
Foreign lang I	(0) [waived]	Foreign lang II	(4) [IV]

**1<sup>st</sup> YEAR**

**Fall (13 hrs):**

CHEM 1211-1211L	(4) [III]
HIST 2112H	(3) [V]
MATH 2260	(4) [VI]
HONS 1000H	(1) [Elective]
FRES 1010	(1) [Elective]

**Spring (15 hrs):**

CHEM 1212-1212L	(4) [VI]
POLS 1105H	(3) [V]
PHYS 1212 <sup>1</sup>	(4) [Major]
SPAN 2001	(3) [IV, For. Lang. III]
HONS 1990H	(1) [Elective]

**2<sup>nd</sup> YEAR**

**Fall (14 hrs):**

CHEM 2211-2211L	(4) [VI]
GENE 3000	(4) [Major]
SPAN 2002	(3) [IV, minor]
ANTH 2120H	(3) [V]

**Spring (13 hrs):**

CHEM 2212-2212L	(4) [VI]
GENE 3200	(4) [Major]
GENE 3200H	(1) [Elective]
BCMB 3100	(4) [Major]

**3<sup>rd</sup> YEAR**

**Fall (13 hrs):**

GENE 4200	(3) [Major]
GENE 4960H	(4) [Major]
SPAN 3010H	(3) [Minor]
PHIL 2200H	(3) [Elec, Franklin]

**Spring (13 hrs):**

CBIO 3400	(4) [Major]
GENE 4970H	(4) [Major]
SPAN 3030H	(3) [Lit, Minor]
SPAN 4010	(3) [Minor]

**4<sup>th</sup> YEAR**

**Fall (10 hrs):**

GENE 4990H	(3) [Major elec]
GENE 4950A	(1) [Major]
BCMB 4120 <sup>1</sup>	(3) [Major Elec]
SPAN 4081	(3) [Minor]

**Spring (11 hrs):**

GENE 4050 <sup>1</sup>	(3) [Major elective]
GENE 4950B	(1) [Major]
MUSI 2050	(3) [IV, Franklin]
SPAN 4080	(3) [Minor]
PEDB	(1) [Phys Ed]

**Total Hours including minor = 131**

<sup>1</sup> Honors option

<sup>2</sup> Illustrative. See Bulletin for requirements and [www.genetics.uga.edu/undergrad.html](http://www.genetics.uga.edu/undergrad.html) for a list of options.