

# 4-Year Degree Plan

Program: Science Education  
 Major: Science Education – Biology

Major Code: 6040

Semester 1	Semester 2
ENG 1113 (English Comp I) MATH 1513** (College Algebra) BIO 1225 (Diversity) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) PTE 1010 (Intro Teacher Edu)	BIO 1204 (Principles) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) MATH 1593** (Plane Trig) ENG 1213 (Eng Comp & Research) PTE 3023 (Foundation American Edu/Clinic Exp)
<b>Total Hours: 16</b>	<b>Total Hours: 18</b>

Semester 3	Semester 4
BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) PHY 1114 (Gen Phys I & Lab) STAT 2103 (Intro Stats for Sci) Cultural & Language Analysis (3hrs) PTE 3153 (Adolescent Psych)	BIO 3054 (Microbio & Lab) BIO 3703 (Evolution) MATH 2153 (BioCalculus) PHY 1214 (Gen Phys II & Lab) SPED 4123 (Teach Indv w/ Disabilities)
<b>Total Hours: 17</b>	<b>Total Hours: 17</b>

Semester 5	Semester 6
BIO 4812 (Teach & Learn) BIO 3303 (Genetics) BIO 3543 (Gen Ecology) BIO 3311* (Genetics Lab) BIO 3551* (Ecological Methods)	PTE 4533 (Contemporary Learn Sci) BIO 4853 (Classroom Management & Instruction) Upper Division BIO Electives** (6hrs) HLTH 1112 (Healthy Life Skills) PTE 4172 (Edu Assessment)
*** CHEM 3303 (Org Chem I) <b>OR</b> HIST 1483 or HIST 1493 CHEM 3312 (Org Chem I Lab) Critical Inquiry (3hrs)	
<b>Total Hours: 15</b>	<b>Total Hours: 16</b>

Semester 7	Semester 8
PTE 4811 (Contemporary Issues) PTE 4838 (Intern/Student Teaching Secondary) PTE 4853 (Classroom Management) Student Teaching Block	Upper Division BIO Electives (7hrs) Social & Behavioral Analysis (3hrs) Elective Life Skills (3hrs) Aesthetic Analysis (3hrs)
<b>Total Hours: 12</b>	<b>Total Hours: 16</b>

**Graduation Totals: 128-139\*\* Hours**

**\*Upper Level Biology Electives**  
**\*\*Science Edu. Majors who complete 2 years of H.S. Algebra & 1 year of Trigonometry may elect not to take MATH 1513 & MATH 1593**

**\*\*\*PLEASE NOTE: FOR DOUBLE MAJOR IN BIOLOGY-STUDENTS MUST TAKE CHEM 3303 & CHEM 3312**

Summer Courses	
MCOM 1113 & POL 1113	
Critical Inquiry (3hrs)	<b>***IF taking CHEM 3303 &amp; CHEM 3312 Semester 5</b>
<b>Total Hours: 6-12</b>	

## 5-Year Degree Plan

Program: Science Education  
Major: Science Education – Biology

Major Code: 6040

Semester 1	Semester 2
ENG 1113 (English Comp I) MATH 1513** (College Algebra) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) HLTH 1112 (Healthy Life Skills)	BIO 1204 (Principles) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) MATH 1593** (Plane Trig) ENG 1213 (Eng Comp & Research) PTE 1010 (Intro Teacher Edu)
<b>Total Hours: 13</b>	<b>Total Hours: 15</b>

Semester 3	Semester 4
BIO 1225 (Diversity) BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) STAT 2103 (Intro Stats for Sci) PTE 3023 (Foundation American Edu/Clinic Exp)	PTE 3153 (Adolescent Psych) PHY 1114 (Gen Phys I & Lab) BIO 3543 (Gen Ecology) BIO 3551* (Ecological Methods) Cultural Analysis (3hrs)
<b>Total Hours: 15</b>	<b>Total Hours: 14</b>

Semester 5	Semester 6
BIO 3303 (Genetics) BIO 3311* (Genetics Lab) PHY 1214 (Gen Phys II & Lab) POL 1113 (American Nat'l Gov't) MCOM 1113 (Speech) SPED 4123 (Teach Indv w/Disabilities)	MATH 2153 (BioCalculus) BIO 3054 (Microbio & Lab) Upper Division BIO Electives (3hrs) HIST 1483 OR 1493 (Hist of U.S.) PTE 4172 (Edu Assessment)
<b>Total Hours: 17</b>	<b>Total Hours: 15</b>

Semester 7	Semester 8
BIO 3703 (Evolution) BIO 4812 (Teach & Learn) Aesthetic Analysis (3hrs) Upper Division BIO Electives (4hrs) Social & Behavioral Analysis (3hrs)	BIO 4853 (Gen Meth Teach Sci & Lab) PTE 4533 (Contemporary Learning Sci) Upper Division BIO Electives (3hrs) Critical Inquiry (3hrs)
<b>Total Hours: 15</b>	<b>Total Hours: 12</b>

Semester 9	Semester 10
PTE 4811 (Contemporary Issues) PTE 4838 (Intern/Student Teaching Secondary) PTE 4853 (Classroom Management) Student Teaching Block	Upper Division BIO Electives (3hrs) Elective Life Skills (3hrs) CHEM 3303*** (Org Chem I) CHEM 3312*** (Org Chem I Lab)
<b>Total Hours: 12</b>	<b>Total Hours: 11</b>

**Graduation Totals: 139 Hours**

\*Upper Level Biology Electives

\*\*Science Education majors who complete two years of high school Algebra and one year of Trigonometry may elect not to take MATH 1513 and MATH 1593.

\*\*\*PLEASE NOTE: FOR DOUBLE MAJOR IN BIOLOGY-STUDENTS MUST TAKE CHEM 3303 & CHEM 3312

# 4-Year Degree Plan

Program: Science Education

Major Code: 6040

Major: Science Education – Biology with Math and NO Double Major

Semester 1	Semester 2
ENG 1113 (English Comp I) MATH 1513 (College Algebra) BIO 1225 (Diversity) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) PTE 1010 (Intro Teacher Edu)	BIO 1204 (Principles) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) MATH 1593 (Plane Trig) ENG 1213 (Eng Comp & Research) PTE 3023 (Foundation American Edu/Clinic Exp)
<b>Total Hours: 16</b>	<b>Total Hours: 18</b>

Semester 3	Semester 4
BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) PHY 1114 (Gen Phys I & Lab) STAT 2103 (Intro Stats for Sci) Cultural & Language Analysis (3hrs) PTE 3153 (Adolescent Psych)	BIO 3054 (Microbio & Lab) BIO 3703 (Evolution) MATH 2153 (BioCalculus) PHY 1214 (Gen Phys II & Lab) SPED 4123 (Teach Indv w/ Disabilities)
<b>Total Hours: 17</b>	<b>Total Hours: 17</b>

Semester 5	Semester 6
BIO 4812 (Teach & Learn) BIO 3303 (Genetics) BIO 3543 (Gen Ecology) BIO 3311* (Genetics Lab) BIO 3551* (Ecological Methods) HIST 1483 or 1493 (Hist of U.S.) Critical Inquiry (3hrs) MCOM 1113 (Speech)	PTE 4533 (Contemporary Learn Sci) BIO 4853 (Classroom Management & Instruction) Upper Division BIO Electives* (6hrs) HLTH 1112 (Healthy Life Skills) PTE 4172 (Edu Assessment) POL 1113 (American Nat'l Gov't)
<b>Total Hours: 19</b>	<b>Total Hours: 19</b>

Semester 7	Semester 8
PTE 4811 (Contemporary Issues) PTE 4838 (Intern/Student Teaching Secondary) PTE 4853 (Classroom Management) Student Teaching Block	Upper Division BIO Electives** (7hrs) Social & Behavioral Analysis (3hrs) Elective Life Skill (3hrs) Aesthetic Analysis (3hrs)
<b>Total Hours: 12</b>	<b>Total Hours: 16</b>

**Graduation Totals: 134 Hours**

\*Upper Level Biology Elective

## 5-Year Degree Plan

Program: Science Education

Major Code: 6040

Major: Science Education – Biology with Math and NO Double Major

Semester 1	Semester 2
ENG 1113 (English Comp I) MATH 1513 (College Algebra) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) HLTH 1112 (Healthy Life Skills)	BIO 1204 (Principles) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) ENG 1213 (Eng Comp & Research) PTE 1010 (Intro Teacher Edu) MATH 1593 (Plane Trig)
<b>Total Hours: 13</b>	<b>Total Hours: 15</b>

Semester 3	Semester 4
BIO 1225 (Diversity) BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) STAT 2103 (Intro Stats for Sci) PTE 3023 (Foundation American Edu/Clinic Exp)	PTE 3153 (Adolescent Psych) PHY 1114 (Gen Phys I & Lab) BIO 3543 (Gen Ecology) BIO 3551* (Ecological Methods) Cultural Analysis (3hrs)
<b>Total Hours: 15</b>	<b>Total Hours: 14</b>

Semester 5	Semester 6
BIO 3303 (Genetics) BIO 3311* (Genetics Lab) PHY 1214 (Gen Phys II & Lab) MCOM 1113 (Speech) SPED 4123 (Teach Indv w/Disabilities)	MATH 2153 (BioCalculus) BIO 3054 (Microbio & Lab) Upper Division BIO Electives (3hrs) POL 1113 (American Nat'l Gov't) PTE 4172 (Edu Assessment)
<b>Total Hours: 14</b>	<b>Total Hours: 15</b>

Semester 7	Semester 8
BIO 3703 (Evolution) Upper Division BIO Electives (4hrs) BIO 4812 (Teach & Learn) Aesthetic Analysis (3hrs)	BIO 4853 (Gen Meth Teach Sci & Lab) PTE 4533 (Contemp Learning Sci) Upper Division BIO Electives (3hrs) Critical Inquiry (3hrs)
<b>Total Hours: 12</b>	<b>Total Hours: 12</b>

Semester 9	Semester 10
PTE 4811 (Contemporary Issues) PTE 4838 (Intern/Student Teaching Secondary) PTE 4853 (Classroom Management) Student Teaching Block	Upper Division BIO Elective* (3hrs) Elective Life Skills (3hrs) HIST 1483 OR 1493 (Hist of U.S.) Social Behavioral Analysis (3hrs)
<b>Total Hours: 12</b>	<b>Total Hours: 12</b>

**Graduation Totals: 134 Hours**

**\*Upper Level Biology Elective**

# 4-Year Degree Plan

Program: Science Education

Major Code: 6040

Major: Science Education – Biology with Math AND Double Major

Semester 1	Semester 2
ENG 1113 (English Comp I) MATH 1513 (College Algebra) BIO 1225 (Diversity) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) PTE 1010 (Intro Teacher Edu)	BIO 1204 (Principles) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) MATH 1593 (Plane Trig) ENG 1213 (Eng Comp & Research) PTE 3023 (Foundation American Edu/Clinic Exp)
<b>Total Hours: 16</b>	<b>Total Hours: 18</b>

Semester 3	Semester 4
BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) PHY 1114 (Gen Phys I & Lab) STAT 2103 (Intro Stats for Sci) Cultural & Language Analysis (3hrs) PTE 3153 (Adolescent Psych)	BIO 3054 (Microbio & Lab) BIO 3703 (Evolution) MATH 2153 (BioCalculus) PHY 1214 (Gen Phys II & Lab) SPED 4123 (Teach Indv w/ Disabilities)
<b>Total Hours: 17</b>	<b>Total Hours: 17</b>

Semester 5	Semester 6
BIO 4812 (Teach & Learn) BIO 3303 (Genetics) BIO 3543 (Gen Ecology) BIO 3311* (Genetics Lab) BIO 3551* (Ecological Methods) CHEM 3303 (Org Chem I) CHEM 3312 (Org Chem I Lab)	PTE 4533 (Contemporary Learn Sci) BIO 4853 (Classroom Management & Instruction) Upper Division BIO Electives* (6hrs) HLTH 1112 (Healthy Life Skills) PTE 4172 (Edu Assessment)
<b>Total Hours: 15</b>	<b>Total Hours: 16</b>

Semester 7	Semester 8
PTE 4811 (Contemporary Issues) PTE 4838 (Intern/Student Teaching Secondary) PTE 4853 (Classroom Management) Student Teaching Block	Upper Division BIO Electives* (7hrs) Social & Behavioral Analysis (3hrs) Elective Life Skills (3hrs) Aesthetic Analysis (3hrs)
<b>Total Hours: 12</b>	<b>Total Hours: 16</b>

**Graduation Totals: 139 Hours**

**\*Upper Level Biology Electives**

Summer Courses
MCOM 1113 POL 1113 Critical Inquiry (3hrs) HIST 1483 or 1493
<b>Total Hours: 12</b>

# 5-Year Degree Plan

Program: Science Education

Major Code: 6040

Major: Science Education – Biology with Math AND Double Major

Semester 1	Semester 2
ENG 1113 (English Comp I) MATH 1513 (College Algebra) BIO 1225 (Diversity) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) HLTH 1112 (Healthy Life Skills)	BIO 1204 (Principles) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) MATH 1593 (Plane Trig) ENG 1213 (Eng Comp & Research) PTE 1010 (Intro Teacher Edu)
<b>Total Hours: 13</b>	<b>Total Hours: 15</b>

Semester 3	Semester 4
BIO 1225 (Diversity) BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) STAT 2103 (Intro Stats for Sci) PTE 3023 (Foundation American Edu/Clinic Exp)	PTE 3153 (Adolescent Psych) PHY 1114 (Gen Phys I & Lab) BIO 3543 (Gen Ecology) BIO 3551* (Ecological Methods) Cultural Analysis (3hrs)
<b>Total Hours: 15</b>	<b>Total Hours: 14</b>

Semester 5	Semester 6
BIO 3303 (Genetics) BIO 3311* (Genetics Lab) PHY 1214 (Gen Phys II & Lab) MCOM 1113 (Speech) SPED 4123 (Teach Indv w/Disabilities)	MATH 2153 (BioCalculus) BIO 3054 (Microbio & Lab) Upper Division BIO Electives* (3hrs) HIST 1483 OR 1493 (Hist of U.S.) PTE 4172 (Edu Assessment)
<b>Total Hours: 14</b>	<b>Total Hours: 15</b>

Semester 7	Semester 8
BIO 3703 (Evolution) BIO 4812 (Teach & Learn) Aesthetic Analysis (3hrs) Upper Division BIO Electives* (4hrs) Social & Behavioral Analysis (3hrs)	BIO 4853 (Gen Meth Teach Sci & Lab) PTE 4533 (Contemporary Learning Sci) Upper Division BIO Electives* (3hrs) Critical Inquiry (3hrs) POL 1113 (American Nat'l Gov't)
<b>Total Hours: 15</b>	<b>Total Hours: 15</b>

Semester 9	Semester 10
PTE 4811 (Contemporary Issues) PTE 4838 (Intern/Student Teaching Secondary) PTE 4853 (Classroom Management) Student Teaching Block	Upper Division BIO Electives* (3hrs) Elective Life Skills (3hrs) CHEM 3303 (Org Chem I) CHEM 3312 (Org Chem I Lab)
<b>Total Hours: 12</b>	<b>Total Hours: 11</b>

**Graduation Totals: 139 Hours**

**\*Upper Level Biology Electives**

# 4-Year Degree Plan

Program: Science Education

Major Code: 6040

Major: Science Education – Biology **NO Math and NO Double Major**

Semester 1	Semester 2
ENG 1113 (English Comp I) MCOM 1113 (Speech) BIO 1225 (Diversity) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) PTE 1010 (Intro Teacher Edu)	BIO 1204 (Principles) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) POL 1113 (American Nat'l Gov't) ENG 1213 (Eng Comp & Research) PTE 3023 (Foundation American Edu/Clinic Exp)
<b>Total Hours: 16</b>	<b>Total Hours: 18</b>

Semester 3	Semester 4
BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) PHY 1114 (Gen Phys I & Lab) STAT 2103 (Intro Stats for Sci) Cultural & Language Analysis (3hrs) PTE 3153 (Adolescent Psych)	BIO 3054 (Microbio & Lab) BIO 3703 (Evolution) MATH 2153 (BioCalculus) PHY 1214 (Gen Phys II & Lab) SPED 4123 (Teach Indv w/ Disabilities)
<b>Total Hours: 17</b>	<b>Total Hours: 17</b>

Semester 5	Semester 6
BIO 4812 (Teach & Learn) BIO 3303 (Genetics) BIO 3543 (Gen Ecology) BIO 3311* (Genetics Lab) BIO 3551* (Ecological Methods) HIST 1483 or 1493 (Hist of U.S.) Critical Inquiry (3hrs)	PTE 4533 (Contemporary Learn Sci) BIO 4853 (Classroom Management & Instruction) Upper Division BIO Electives* (6hrs) HLTH 1112 (Healthy Life Skills) PTE 4172 (Edu Assessment)
<b>Total Hours: 16</b>	<b>Total Hours: 16</b>

Semester 7	Semester 8
PTE 4811 (Contemporary Issues) PTE 4838 (Intern/Student Teaching Secondary) PTE 4853 (Classroom Management) Student Teaching Block	Upper Division BIO Electives* (7hrs) Social & Behavioral Analysis (3hrs) Elective Life Skills (3hrs) Aesthetic Analysis (3hrs)
<b>Total Hours: 12</b>	<b>Total Hours: 16</b>

**Graduation Totals: 128 Hours**

**\*Upper Level Biology Electives**

# 5-Year Degree Plan

Program: Science Education

Major Code: 6040

Major: Science Education – Biology **NO Math and NO Double Major**

Semester 1	Semester 2
ENG 1113 (English Comp I) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) HLTH 1112 (Healthy Life Skills) Cultural Analysis (3hrs)	BIO 1204 (Principles) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) ENG 1213 (Eng Comp & Research) PTE 1010 (Intro Teacher Edu)
<b>Total Hours: 13</b>	<b>Total Hours: 12</b>

Semester 3	Semester 4
BIO 1225 (Diversity) BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) STAT 2103 (Intro Stats for Sci) PTE 3023 (Foundation American Edu/Clinic Exp)	PTE 3153 (Adolescent Psych) PHY 1114 (Gen Phys I & Lab) BIO 3543 (Gen Ecology) BIO 3551* (Ecological Methods) Elective Life Skills (3hrs)
<b>Total Hours: 15</b>	<b>Total Hours: 14</b>

Semester 5	Semester 6
BIO 3303 (Genetics) BIO 3311* (Genetics Lab) PHY 1214 (Gen Phys II & Lab) MCOM 1113 (Speech) SPED 4123 (Teach Indv w/Disabilities)	MATH 2153 (BioCalculus) BIO 3054 (Microbio & Lab) Upper Division BIO Electives* (3hrs) HIST 1483 OR 1493 (Hist of U.S.) PTE 4172 (Edu Assessment)
<b>Total Hours: 14</b>	<b>Total Hours: 15</b>

Semester 7	Semester 8
BIO 3703 (Evolution) BIO 4812 (Teach & Learn) Aesthetic Analysis (3hrs) Upper Division BIO Electives* (4hrs)	BIO 4853 (Gen Meth Teach Sci & Lab) PTE 4533 (Contemporary Learning Sci) Upper Division BIO Electives* (3hrs) Critical Inquiry (3hrs)
<b>Total Hours: 12</b>	<b>Total Hours: 12</b>

Semester 9	Semester 10
PTE 4811 (Contemporary Issues) PTE 4838 (Intern/Student Teaching Secondary) PTE 4853 (Classroom Management) Student Teaching Block	Upper Division BIO Electives* (3hrs) POL 1113 (American Nat'l Gov't) Social & Behavioral Analysis (3hrs)
<b>Total Hours: 12</b>	<b>Total Hours: 9</b>

**Graduation Totals: 128 Hours**

**\*Upper Level Biology Electives**



# 4-Year Degree Plan

Program: Science Education

Major Code: 6040

Major: Science Education – Biology **NO Math AND Double Major**

Semester 1	Semester 2
ENG 1113 (English Comp I) MCOM 1113 (Speech) BIO 1225 (Diversity) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) PTE 1010 (Intro Teacher Edu)	BIO 1204 (Principles) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) POL 1113 (American Nat'l Gov't) ENG 1213 (Eng Comp & Research) PTE 3023 (Foundation American Edu/Clinic Exp)
<b>Total Hours: 16</b>	<b>Total Hours: 18</b>

Semester 3	Semester 4
BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) PHY 1114 (Gen Phys I & Lab) STAT 2103 (Intro Stats for Sci) Cultural & Language Analysis (3hrs) PTE 3153 (Adolescent Psych)	BIO 3054 (Microbio & Lab) BIO 3703 (Evolution) MATH 2153 (BioCalculus) PHY 1214 (Gen Phys II & Lab) SPED 4123 (Teach Indv w/ Disabilities)
<b>Total Hours: 17</b>	<b>Total Hours: 17</b>

Semester 5	Semester 6
BIO 4812 (Teach & Learn) BIO 3303 (Genetics) BIO 3543 (Gen Ecology) BIO 3311* (Genetics Lab) BIO 3551* (Ecological Methods) CHEM 3303 (Org Chem I) CHEM 3312 (Org Chem I Lab)	PTE 4533 (Contemporary Learn Sci) BIO 4853 (Classroom Management & Instruction) Upper Division BIO Electives** (6hrs) HLTH 1112 (Healthy Life Skills) PTE 4172 (Edu Assessment)
<b>Total Hours: 15</b>	<b>Total Hours: 16</b>

Semester 7	Semester 8
PTE 4811 (Contemporary Issues) PTE 4838 (Intern/Student Teaching Secondary) PTE 4853 (Classroom Management) Student Teaching Block	Upper Division BIO Electives (7hrs) Social & Behavioral Analysis (3hrs) Elective Life Skills (3hrs) Aesthetic Analysis (3hrs)
<b>Total Hours: 12</b>	<b>Total Hours: 16</b>

**Graduation Totals: 133 Hours**

**\*Upper Level Biology Electives**

Summer Courses
Critical Inquiry (3hrs) HIST 1483 or 1493 (Hist of U.S.)
<b>Total Hours: 6</b>

# 5-Year Degree Plan

Program: Science Education

Major Code: 6040

Major: Science Education – Biology **NO Math AND Double Major**

Semester 1	Semester 2
ENG 1113 (English Comp I) POL 1113 (American Nat'l Gov't) CHEM 1103 (Gen Chem I) CHEM 1112 (Gen Chem I Lab) HLTH 1112 (Healthy Life Skills)	BIO 1204 (Principles) CHEM 1223 (Gen Chem II) CHEM 1232 (Gen Chem II Lab) ENG 1213 (Eng Comp & Research) PTE 1010 (Intro Teacher Edu)
<b>Total Hours: 13</b>	<b>Total Hours: 12</b>

Semester 3	Semester 4
BIO 1225 (Diversity) BIO 2203 (Cell Bio) BIO 2211 (Cell Bio Lab) STAT 2103 (Intro Stats for Sci) PTE 3023 (Foundation American Edu/Clinic Exp)	PTE 3153 (Adolescent Psych) PHY 1114 (Gen Phys I & Lab) BIO 3543 (Gen Ecology) BIO 3551* (Ecological Methods) Cultural Analysis (3hrs)
<b>Total Hours: 15</b>	<b>Total Hours: 14</b>

Semester 5	Semester 6
BIO 3303 (Genetics) BIO 3311* (Genetics Lab) PHY 1214 (Gen Phys II & Lab) MCOM 1113 (Speech) SPED 4123 (Teach Indv w/Disabilities)	MATH 2153 (BioCalculus) BIO 3054 (Microbio & Lab) Upper Division BIO Electives (3hrs) HIST 1483 OR 1493 (Hist of U.S.) PTE 4172 (Edu Assessment)
<b>Total Hours: 14</b>	<b>Total Hours: 15</b>

Semester 7	Semester 8
BIO 3703 (Evolution) BIO 4812 (Teach & Learn) Aesthetic Analysis (3hrs) Upper Division BIO Electives (4hrs) Social & Behavioral Analysis (3hrs)	BIO 4853 (Gen Meth Teach Sci & Lab) PTE 4533 (Contemporary Learning Sci) Upper Division BIO Electives (3hrs) Critical Inquiry (3hrs)
<b>Total Hours: 15</b>	<b>Total Hours: 12</b>

Semester 9	Semester 10
PTE 4811 (Contemporary Issues) PTE 4838 (Intern/Student Teaching Secondary) PTE 4853 (Classroom Management) Student Teaching Block	Upper Division BIO Electives (3hrs) Elective Life Skills (3hrs) CHEM 3303 (Org Chem I) CHEM 3312 (Org Chem I Lab)
<b>Total Hours: 12</b>	<b>Total Hours: 11</b>

**Graduation Totals: 128-140 Hours**

**\*Upper Level Biology Electives**