

# BELHAVEN UNIVERSITY

## CHECKLIST FOR GRADUATION REQUIREMENTS IN BIOLOGICAL SCIENCES (CELLULAR & MOLECULAR SCIENCES)

### BACHELOR OF SCIENCE – FRESHMAN

Minimum of 124 credit hours required for graduation

General Education	37 hours
Major	53 hours
General Electives	34 hours
<b>Total:</b>	<b>124</b>

Name: \_\_\_\_\_

ID#: \_\_\_\_\_

#### **Freshman Year (Fall):**

BU 101 Belhaven Basics	1	_____
BIB 220 Exploring the OT	3	_____
ENG 101 Freshman English I	3	_____
BIO 105 General Biology I	3	_____
BIO 107 General Biology Lab I	1	_____
General Elective	3	_____
General Elective	3	_____
<b>Total</b>	<b>17</b>	

#### **Sophomore Year (Fall):**

ENG 225 Ancient Literature*	3	_____
HIS 225 Ancient History*	3	_____
HUM 225 Biblical Themes I *	1	_____
CHE 111 General Chemistry I*	3	_____
CHE 113 General Chemistry Lab I*	1	_____
General Elective	3	_____
General Elective	1	_____
<b>Total</b>	<b>15</b>	

#### **Junior Year (Fall):**

C&M Elective* (Choose one)	4	_____
- BIO324/325 Physiology & Lab*		
- CHE415/417 Biochemistry & Lab*		
- CHE416/418 Biochemistry & Lab*		
BIO 375/377 Cell and Molecular I*	4	_____
CHE 215/217 Organic Chemistry I*	4	_____
Statistics Requirement (choose one)*	3	_____
BUS305 or PSY 303 or MAT200 or MAT305		
<b>Total</b>	<b>15</b>	

#### **Senior Year (Fall):**

BIO 400 Special Topics*	1	_____
C&M Elective* (Choose one)	4	_____
- BIO324/325 Physiology & Lab*		
- CHE415/417 Biochemistry & Lab*		
- CHE416/418 Biochemistry & Lab*		
General Elective	3	_____
General Elective	3	_____
General Elective	3	_____
General Elective	3	_____
<b>Total</b>	<b>17</b>	

#### **Freshman Year (Spring):**

BIB 221 Exploring the NT	3	_____
ENG 102 Freshman English II*	3	_____
MAT 101 College Algebra	3	_____
BIO 106 General Biology II*	3	_____
BIO 108 General Biology II Lab*	1	_____
General Elective	3	_____
<b>Total</b>	<b>16</b>	

#### **Sophomore Year (Spring):**

ENG 226 Enlightenment to 21 <sup>st</sup> *	3	_____
HIS 226 Enlightenment to 21 <sup>st</sup> *	3	_____
HUM 226 Biblical Themes II*	1	_____
CHE 112 General Chemistry II*	3	_____
CHE 114 General Chemistry II Lab*	1	_____
Science Requirement [choose one] BIO 125 or PHY 125	4	_____
<b>Total</b>	<b>15</b>	

#### **Junior Year (Spring):**

BIO 342 Genetics*	3	_____
BIO 343 Genetics Lab*	1	_____
BIO336/337 Comp Anat. w/Lab* <b>OR</b>	4	_____
BIO 379/380 Microbiology w/ Lab*		
BIO 376/378 Cell & Molecular II*	4	_____
General Elective	3	_____
<b>Total</b>	<b>15</b>	

#### **Senior Year (Spring):**

WVC401 Kingdom Life*	3	_____
BIO333/334 Histology* (4) <b>or</b>	4	_____
BIO410 Immunology (3)		
BIO 401 Capstone	1	_____
General Elective	3	_____
General Elective	3	_____
<b>Total</b>	<b>14</b>	

**\*Course has prerequisites; Please see catalogue for details**

**CHAPEL IS REQUIRED FOR ALL STUDENTS FOR EACH SEMESTER THEY ATTEND BELHAVEN**