## BELHAVEN UNIVERSITY

## CHECKLIST FOR GRADUATION REQUIREMENTS IN BIOLOGICAL SCIENCES (ECOLOGICAL SCIENCE SPECIALIZATION)

BACHELOR OF SCIENCE – TRANSFER

Minimum of 124 credit hours required for graduation

| Major   53 hours     General Electives   34 hours     Total:   124 hours     Name:   ID#:     Freshman Year (Fall):   Ereshman Year (Spring):     BII 202 Transfer Success   1     BIB 220 Exploring the OT   3     BIO 105 General Biology I   3     BIO 105 General Biology I   3     BIO 107 General Biology Lab I   BIO 100 General Biology II Lab*     General Elective   3     Total   17     Total   17     Sophomore Year (Pall):   Sophomore Year (Pall):     American / British Lif* (choese one)   3     ENG 203/204 World Lif*   3     BIO 202 Christian Interpretation*   2     ENG 203/204 World Lif*   3     BIO 202 Cor   ENG 203/204 World Lif*   3     ENG 202, 202 or   ENG 203/204 World Lif*   3     ENG 203/204 World Lif*   3  |                                      | General Education        | 37 hours                          |    |
|---|--------------------------------------|--------------------------|-----------------------------------|----|
| Total: 124 hours       Name:     ID#:       Freshman Kvar (Fall):       BU 102 Transfer Success     1     BIB 220 Exploring the 0T     3     BIB 200 General Biology I     3     BIB 210 Colspan="2">Second Second |                                      | Major                    | 53 hours                          |    |
| Name:     ID#:       Freshman Year (Fail):     Freshman Year (Spring):       BU 102 Transfer Success     1       BU 202 Exploring the OT     3       ENG 101 Freshman English II     3       BIO 105 General Biology I     3       BIO 105 General Biology ILab     1       BIO 105 General Biology ILab     1       BIO 106 General Biology ILab     1       Ceneral Elective     3       General Elective     3       American/ British Lit* (choose one)     3       ENG 201, 202 or     ENG 203/204 World Lit*       ENG 202, 206     CHE 114 General Chemistry II*       BIO 125 or PHY 125     HIS 107/108 Givilization       General Chemistry Lab*     1       BIO 211/212 Botany*     4       Total 16     Total 15       Diadrigation of the construction of the construct of the constof the construct of the construct of the construct of t   |                                      | <b>General Electives</b> | 34 hours                          |    |
| Freshman Year (Fall):     Freshman Year (Spring):       BU 102 Transfer Success     1       BIB 220 Exploring the OT     3       BID 105 General Biology 1     3       BIO 107 General Biology Lab 1     1       General Elective     3       General Elective     3       Total 17     Total 16       Sophomore Year (Fall):     Sophomore Year (Spring):       American/ British Lit" (choose one)     3       ENG 205, 206     ENG 205, 206       HIS 107/108 Civilization     3       WC302 Christian Interpretation*     2       Science Requirement [choose one]     4       MUC11/212 Botany*     4       Total 16     Total 15       Innior Year (Fall):     BI0326/337 Comp Anat. Of Vert* or       BI0310/311 Parasitology*     4       BI0321/212 Botany*     4       BI0322/377 Cell and Molecular 1*     4       BI0332/377 Cell and Molecular 1*     4       BI0332/377 Cell and Molecular 1*  |                                      | Total:                   | 124 hours                         |    |
| BU 102 Transfer Success   1   BIB 221 Exploring the NT   3     BIB 220 Exploring the OT   3   ENG 102 Freshman English 1*   3     BIO 105 General Biology 1   3   BIO 106 General Biology I*   3     BIO 107 General Biology 1   3   BIO 106 General Biology I*   3     BIO 107 General Biology 1   3   BIO 108 General Biology I*   3     General Elective   3   General Biology II Lab*   1     General Biology 1   3   General Biology II Lab*   1     General Biology 1   3   General Biology II Lab*   1     General Biology 1   1   General Biology II Lab*   1     General Biology 1   3   General Biology II Lab*   1     General Biology 1   1   General Biology II Lab*   1     MCK 205, 206   CHE 113 General Chemistry II*   3   Sophomore Year (Spring):     HIS 205 Contemp. World History   3   General Elective   1     WC 302 Christian Interpretation*   2   General Elective   1     BIO310/311 Parasitology*   4   BIO336/337 Comp Anat. Of Vert* or   4     BIO326/338 Ecology*  | Name:                                |                          | ID#:                              |    |
| BIB 220 Exploring the OT   3   ENG 102 Freshman English II*   3     ENG 101 Freshman English I   3   MAT 101 College Algerbra   3     BIO 105 General Biology I   3   BIO 106 General Biology II*   3     BIO 107 General Biology Lab I   1   BIO 108 General Biology II*   3     General Elective   3   General Elective   3     Total 17   Total 17   Total 16     Sophomore Year (Fall):   ENG 203,204 World Lat*   3     American/British Lit* (choose one)   3   ENG 203,204 World Lat*   3     HIS 205 Contemp. World History   3   CHE 112 General Chemistry II*   3     BIO 211/212 Botany*   4   Science Requirement [choose one]   4     BIO 2375/377 Cell and Molecular I*   4   BIO342/343 Genetics*   4     BIO325/383 Ecology*   4   BIO342/343 Genetics*   4     Senior Year (Fall):   BIO 405 Capral Diology*   3   Eneral Elective   3     BIO325/351 Marine Biology*   4   BIO342/343 Genetics*   4   General Elective   3     BIO340/351 Marine Biology*   4   General Elective   3   General Electiv  | <u>Freshman Year (Fall):</u>         |                          | <u>Freshman Year (Spring):</u>    |    |
| ENG 101 Freshman English I   3  | BU 102 Transfer Success              | 1                        | BIB 221 Exploring the NT          | 3  |
| BIO 105 General Biology I   3   BIO 106 General Biology II*   3     BIO 107 General Biology Lab 1   1   BIO 108 General Biology II*   3     General Elective   3   General Elective   3     Total   17   Total   16     Sophomore Year (Fall):   Sophomore Year (Spring):   ENG 203,204 World Lit*   3     ENG 201, 202 or   ENG 205,206   HIS 107/108 Gruilization   3     HIS 205 Contemp. World History   3   General Elective   3     WVC 302 Christian Interpretation*   2   Science Requirement [choose one]   4     BIO 211/212 Botany*   4   BIO 325 or PHY 125   E     Innior Year (Fall):   BIO336/337 Comp Anat. Of Vert* or   4     BIO 310/311 Parasitology*   4   BIO336/337 Comp Anat. Of Vert* or   4     BIO336/337 Comp Anat. Of Vert* or   4   BIO336/337 Comp Anat. Of Vert* or   4     BIO336/337 Comp Anat. Of Vert* or   4   BIO336/337 Comp Anat. Of Vert* or   4     BIO336/337 Comp Anat. Of Vert* or   4   BIO336/337 Comp Anat. Of Vert* or   4     BIO336/337 Comp Anat. Of Vert* or   4   BIO336/337 Comp Anat. Of Vert* or   4 </td <td>BIB 220 Exploring the OT</td> <td>3</td> <td>ENG 102 Freshman English II*</td> <td>3</td>  | BIB 220 Exploring the OT             | 3                        | ENG 102 Freshman English II*      | 3  |
| BI0 107 General Biology Lab I   1   | ENG 101 Freshman English I           | 3                        | MAT 101 College Algerbra          | 3  |
| General Elective   3  | BIO 105 General Biology I            | 3                        | BIO 106 General Biology II*       | 3  |
| General Elective   3  | BIO 107 General Biology Lab I        | 1                        | BIO 108 General Biology II Lab*   | 1  |
| Total 17   Total 16     Sophomore Year (Fall):   Sophomore Year (Spring):     American/ British Lit* (choose one) 3   ENG 201, 202 or     ENG 205, 206   HIS 107/108 Givilization 3     HIS 205 Contemp. World History 3   CHE 112 General Chemistry II* 3     WVC 302 Christian Interpretation* 2   Science Requirement [choose one] 4     CHE 111 General Chemistry Lab 1*   BIO 125 or PHY 125     CHE 113 General Chemistry Lab 1*   General Elective     Total 16   Total 15     Junior Year (Fall):   BIO 310/311 Parasitology*   4     BIO310/311 Parasitology*   4     BIO325/377 Cell and Molecular I*   4   BIO326/337 Comp Anat. Of Vert* or   4     BIO326/338 Ecology*   4   General Elective   3  | General Elective                     | 3                        | General Elective                  | 3  |
| Sophomore Year (Fall):   Sophomore Year (Spring):     American/ British Lit* (choose one)   3   | General Elective                     | 3                        |                                   |    |
| American/ British Lit* (choose one)   3   | Total                                | 17                       | Total                             | 16 |
| ENG 201, 202 or   HIS 107/108 Civilization   3     ENG 205, 206   CHE 112 General Chemistry II*   3     HIS 205 Contemp. World History   3   CHE 112 General Chemistry II*   3     WVC 302 Christian Interpretation*   2   Science Requirement [choose one]   4     CHE 111 General Chemistry I*   3   BIO 125 or PHY 125   CHE 113 General Chemistry Lab *   1     ENO211/212 Botany*   4   General Elective   1   CHE 113 General Chemistry I*   1     BI0310/311 Parasitology*   4   BI0336/337 Comp Anat. Of Vert* or   4   | Sophomore Year (Fall):               |                          | <u>Sophomore Year (Spring):</u>   |    |
| ENG 205, 206CHE 112 General Chemistry II*3HIS 205 Contemp. World History3   | American/ British Lit* (choose one)  | 3                        | ENG 203/204 World Lit*            | 3  |
| HIS 205 Contemp. World History   3  | ENG 201, 202 or                      |                          | HIS 107/108 Civilization          | 3  |
| WVC 302 Christian Interpretation*   2   Science Requirement [choose one]   4     CHE 111 General Chemistry I*   3   BIO 125 or PHY 125   BIO 125 or PHY 125     CHE 113 General Chemistry Lab I*   1   General Elective   1   BIO 125 or PHY 125     General Elective   1   General Elective   1   BIO 312 or PHY 125   General Elective   1     Iunior Year (Fall):   Total   16   Total   15   Imion Year (Spring):   BIO 336/337 Comp Anat. Of Vert* or   4   4   BIO 379/380 Microbiology*   4   BIO 379/380 Microbiology*   4   BIO 386/337 Comp Anat. Of Vert* or   4   4   BIO 379/380 Microbiology*   4   BIO 326/337 Comp Anat. Of Vert* or   4   4   BIO 379/380 Microbiology*   4   BIO 386/337 Comp Anat. Of Vert* or   4   4   4   BIO 326/337 Marine BiO 390 Microbiology*   4   BIO 342/343 Genetics*   4  | ENG 205, 206                         |                          | CHE 112 General Chemistry II*     | 3  |
| CHE 111 General Chemistry I*   3   BIO 125 or PHY 125     CHE 113 General Chemistry Lab I*   1     BIO211/212 Botany*   4     Total   16     Junior Year (Fall):   Total     BIO310/311 Parasitology*   4     BIO375/377 Cell and Molecular I*   4     BIO375/377 Cell and Molecular I*   4     BIO382/383 Ecology*   4     General Elective   3     BIO382/383 Ecology*   4     Total   16     Senior Year (Fall):   Senior Year (Spring):     BIO 420 Special Topics*   1     BIO350/351 Marine Biology*   1     BIO350/351 Marine Biology*   3     BIO3050 or PSY 303 or   General Elective     MAT200 or MAT305   General Elective     General Elective   3     <   | HIS 205 Contemp. World History       | 3                        | CHE 114 General Chemistry II Lab* | 1  |
| CHE 113 General Chemistry Lab I*   1     BIO211/212 Botany*   4     Total   16     Junior Year (Fall):   Innior Year (Spring):     BIO310/311 Parasitology*   4     BIO375/377 Cell and Molecular I*   4     BIO375/377 Cell and Molecular I*   4     BIO382/383 Ecology*   4     Total   16     Senior Year (Fall):   BIO342/343 Genetics*     Total   16     Senior Year (Fall):   General Elective     BIO382/383 Ecology*   4     Total   16     Senior Year (Fall):   Senior Year (Spring):     BIO 400 Special Topics*   1     BIO 400 Special Topics*   1     BIO 400 Special Topics*   1     Sussos or PSY 303 or   General Elective     MAT200 or MAT305   General Elective     General Elective   3     General Electi  | WVC 302 Christian Interpretation*    | 2                        | Science Requirement [choose one]  | 4  |
| BI0211/212 Botany*4Total16Total15Junior Year (Fall):Junior Year (Spring):BI0310/311 Parasitology*4BI0336/337 Comp Anat. Of Vert* or4BI0375/377 Cell and Molecular I*4BI0336/337 Comp Anat. Of Vert* or4CHE 215 Organic Chemistry I*3BI0342/343 Genetics*4CHE 217 Organic Chemistry I Lab*1General Elective3BI0382/383 Ecology*4Total16Senior Year (Fall):BI0 400 Special Topics*1BI0350/351 Marine Biology*4WVC401 Kingdom Life*3BI0350/351 Marine Biology*4BI0 401 Capstone1Senior Year (Fall):Senior Year (Spring):WVC401 Kingdom Life*3BI0350/351 Marine Biology*4General Elective3  | CHE 111 General Chemistry I*         | 3                        |                                   |    |
| Total16Total15Junior Year (Fall):Junior Year (Spring):BI0336/337 Comp Anat. Of Vert* or4BI0375/377 Cell and Molecular I*4BI0336/337 Comp Anat. Of Vert* or4CHE 215 Organic Chemistry I*3BI0342/343 Genetics*4CHE 217 Organic Chemistry I Lab*1General Elective3BI0382/383 Ecology*4General Elective3Total16Total14Senior Year (Fall):Senior Year (Spring):WVC401 Kingdom Life*3BI0350/351 Marine Biology*4BI0 401 Capstone1Statistics Requirement (choose one)*3General Elective3BUS305 or PSY 303 orGeneral Elective3General Elective3MAT200 or MAT305General Elective3General Elective3General Elective3General Elective3General ElectiveGeneral Elective3General Elective3G  | CHE 113 General Chemistry Lab I*     | 1                        | General Elective                  | 1  |
| Iunior Year (Fall):Iunior Year (Spring):B10310/311 Parasitology*4B10375/377 Cell and Molecular I*4CHE 215 Organic Chemistry I*3CHE 217 Organic Chemistry I Lab*1B10382/383 Ecology*4Total16Senior Year (Fall):B10400 Special Topics*1B10350/351 Marine Biology*4B10350/351 Marine Biology*3B10350 r PSY 303 or3BUS305 or PSY 303 or6eneral Elective3BUS305 or PSY 303 or6eneral Elective3MAT200 or MAT3056eneral Elective3General Elective3General Elective3General Elective3General Elective3BUS305 or PSY 303 or6eneral Elective3General Elective3Gen   | BIO211/212 Botany*                   | 4                        |                                   |    |
| BI0310/311 Parasitology*4BI0336/337 Comp Anat. Of Vert* or4BI0375/377 Cell and Molecular I*4BI0379/380 Microbiology*4CHE 215 Organic Chemistry I Lab*1General Elective3BI0382/383 Ecology*4General Elective3Total16Total14Senior Year (Fall):BI0400 Special Topics*1WVC401 Kingdom Life*3BI0350/351 Marine Biology*4BI0401 Capstone1Statistics Requirement (choose one)*3General Elective3BUS305 or PSY 303 orGeneral Elective3General Elective3General Elective3General Elective3  | Total                                | 16                       | Total                             | 15 |
| BI0375/377 Cell and Molecular I*4BI0379/380 Microbiology*CHE 215 Organic Chemistry I*3BI0342/343 Genetics*4CHE 217 Organic Chemistry I Lab*1General Elective3BI0382/383 Ecology*4General Elective3Total16Total14Senior Year (Fall):BI0 400 Special Topics*1BI0350/351 Marine Biology*4BI0 401 Capstone1Statistics Requirement (choose one)*3General Elective3BUS305 or PSY 303 orGeneral Elective3Image: Cancer CapstoneMAT200 or MAT305General Elective3Image: Cancer CapstoneGeneral Elective3General  |                                      |                          |                                   |    |
| CHE 215 Organic Chemistry I*3BIO342/343 Genetics*4CHE 217 Organic Chemistry I Lab*1General Elective3BIO382/383 Ecology*4General Elective3Total16Total14Senior Year (Fall):BIO 400 Special Topics*1WVC401 Kingdom Life*BIO 350/351 Marine Biology*4BIO 401 Capstone1Statistics Requirement (choose one)*3General Elective3BUS305 or PSY 303 orGeneral Elective3Image: Constraint of the constraint of                                    |                                      | 4                        |                                   | 4  |
| CHE 217 Organic Chemistry I Lab*1General Elective3BIO382/383 Ecology*4General Elective3Total16Total14Senior Year (Fall):Senior Year (Spring):BIO 400 Special Topics*1WVC401 Kingdom Life*3BIO350/351 Marine Biology*4BIO 401 Capstone1Statistics Requirement (choose one)*3General Elective3BUS305 or PSY 303 orGeneral Elective3   | -                                    | 4                        |                                   |    |
| BI0382/383 Ecology*   4   General Elective   3  | CHE 215 Organic Chemistry I*         | 3                        | BIO342/343 Genetics*              | 4  |
| Total 16Total 14Senior Year (Fall):Senior Year (Spring):BIO 400 Special Topics*1BIO350/351 Marine Biology*4BIO350/351 Marine Biology*4Statistics Requirement (choose one)*3General Elective3BUS305 or PSY 303 orGeneral ElectiveMAT200 or MAT305General ElectiveGeneral Elective3General Elective3General Elective3General Elective3General Elective3General Elective3General Elective3General Elective3General Elective3   |                                      | 1                        |                                   | 3  |
| Senior Year (Fall):Senior Year (Spring):BIO 400 Special Topics*1WVC401 Kingdom Life*3BIO350/351 Marine Biology*4BIO 401 Capstone1Statistics Requirement (choose one)*3General Elective3BUS305 or PSY 303 orGeneral Elective3MAT200 or MAT305General Elective3General Elective3  | BIO382/383 Ecology*                  | 4                        | General Elective                  | 3  |
| BIO 400 Special Topics*1WVC401 Kingdom Life*3BI0350/351 Marine Biology*4BIO 401 Capstone1Statistics Requirement (choose one)*3General Elective3BUS305 or PSY 303 orGeneral Elective3MAT200 or MAT305General Elective3General Elective3General Elective3General Elective3General Elective3General Elective3General Elective3   | Total                                | 16                       | Total                             | 14 |
| BIO350/351 Marine Biology*4BIO 401 Capstone1Statistics Requirement (choose one)*3General Elective3BUS305 or PSY 303 orGeneral Elective3   |                                      |                          | <u>Senior Year (Spring):</u>      |    |
| Statistics Requirement (choose one)*   3   General Elective   3     BUS305 or PSY 303 or   General Elective   3   | BIO 400 Special Topics*              | 1                        | WVC401 Kingdom Life*              | 3  |
| BUS305 or PSY 303 or General Elective 3   MAT200 or MAT305 General Elective 3   General Elective 3 General Elective   General Elective 3 General Elective   3 General Elective 3  | BI0350/351 Marine Biology*           | 4                        | BIO 401 Capstone                  | 1  |
| MAT200 or MAT305General Elective3General Elective3General Elective3General Elective3General Elective3   | Statistics Requirement (choose one)* | 3                        | General Elective                  | 3  |
| General Elective 3 General Elective 3   General Elective 3 4  | BUS305 or PSY 303 or                 |                          | General Elective                  | 3  |
| General Elective 3  | MAT200 or MAT305                     |                          | General Elective                  | 3  |
|   | General Elective                     | 3                        | General Elective                  | 3  |
| Total 14 Total 16   | General Elective                     | 3                        |                                   |    |
|   | Total                                | 14                       | Total                             | 16 |

\*Course has prerequisites; Please see catalogue for details

as of 2/14/20