KCTCS AS DEGREE TO BS IN BIOLOGICAL SCIENCES, GENERAL BIOLOGY TRACK CHECKLIST

A grade of C- or better must be earned in all biology courses that count toward completion of major requirements. The department has also identified a common core of support courses that must be completed with a C- or better by all biological science majors. Details concerning the biology core, support core, and each of the tracks follow.

<table>
<thead>
<tr>
<th>Category I: General Education Core</th>
<th>KCTCS Course</th>
<th>Suggested Semester</th>
<th>Hours</th>
<th>NKU Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written Communication (WC)</td>
<td>ENG 101</td>
<td>1</td>
<td>3</td>
<td>ENG 101</td>
</tr>
<tr>
<td>Written Communication (WC)</td>
<td>ENG 102</td>
<td>3</td>
<td>3</td>
<td>ENG 291</td>
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<tr>
<td>Oral Communication (OC)</td>
<td>COM 181</td>
<td>2</td>
<td>3</td>
<td>CMST 101</td>
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<tr>
<td>Arts &amp; Humanities (AH) Heritage</td>
<td>TBS XXX</td>
<td>1</td>
<td>3</td>
<td>TBD XXX</td>
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<tr>
<td>Arts &amp; Humanities (AH) Humanities</td>
<td>TBS XXX</td>
<td>3</td>
<td>3</td>
<td>TBD XXX</td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences (SB)</td>
<td>TBS XXX</td>
<td>1</td>
<td>3</td>
<td>TBD XXX</td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences (SB)</td>
<td>TBS XXX</td>
<td>4</td>
<td>3</td>
<td>TBD XXX</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>BIO 114/115</td>
<td>1</td>
<td>4</td>
<td>BIO150/150L</td>
</tr>
<tr>
<td>Natural Sciences with Lab (SL)</td>
<td>BIO 116/117</td>
<td>2</td>
<td>4</td>
<td>BIO151/151L</td>
</tr>
<tr>
<td>Quantitative Reasoning (QR)</td>
<td>MAT 170</td>
<td>2</td>
<td>3</td>
<td>MAT 112</td>
</tr>
<tr>
<td>Quantitative Reasoning (QR)</td>
<td>STA 220</td>
<td>4</td>
<td>3</td>
<td>STA 212 (will satisfy STA 205 requirement)</td>
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</tbody>
</table>

Total General Education Core: 35

Category II: AS Requirements or NKU Program Requirements

| Natural Sciences (SL)             | CHE170/175   | 1                  | 5     | CHE120/120L        |
| Natural Sciences (SL)             | CHE 180/185  | 2                  | 5     | CHE121/121L        |

Category III: Program Requirements

| Not required for NKU BIO degree   | *CIT 105 (if needed) | 2 | 3 | BIS 101 |
| Elective                          | CHE270/275      | 3 | 5 | CHE310/310L |
| Elective                          | CHE280/285      | 4 | 5 | CHE311/311L |
| Elective                          | PHY201/202      | 3 | 5 | PHY211 |
| Elective                          | PHY203/204      | 4 | 5 | PHY213 |

Total Associate Degree Requirements: 68

TBS=to be selected by Gateway student
TBT=to be determined by NKU based on course selected at Gateway
*CIT 105 if not needed additional hours may be required
**Category IV – Major Requirements for the BS in Biological Sciences, General Biology Track**

<table>
<thead>
<tr>
<th>Category</th>
<th>KCTCS Course</th>
<th>Grade</th>
<th>Hours</th>
<th>NKU Course</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Taken while at GCTC</td>
<td>BIO 114/115</td>
<td></td>
<td></td>
<td>BIO 150/150L</td>
<td></td>
</tr>
<tr>
<td>Taken while at GCTC</td>
<td>BIO 116/117</td>
<td></td>
<td></td>
<td>BIO 151/151L</td>
<td></td>
</tr>
<tr>
<td>Taken while at GCTC</td>
<td>BIO 155</td>
<td>1</td>
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<td>BIO 155</td>
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<tr>
<td>Taken while at GCTC</td>
<td>BIO 349/349L</td>
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<td>Taken while at GCTC</td>
<td>BIO 291W</td>
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<td>EST 150</td>
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<td>BIO 304</td>
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<td>EST 150</td>
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<td>STA 220</td>
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<td>STA 212 (will satisfy STA 205 requirement)</td>
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<tr>
<td>Taken while at GCTC</td>
<td>CHE 170/175</td>
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<td></td>
<td>CHE 120/120L</td>
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<tr>
<td>Taken while at GCTC</td>
<td>CHE 180/185</td>
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<td>CHE 121/121L</td>
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<td>Taken while at GCTC</td>
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<td>PHY 211</td>
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<td>Taken while at GCTC</td>
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<td>PHY 213</td>
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<td>Cellular/Mol./Gen.</td>
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<td>Eco./Evol./Org.</td>
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<td>Field Biology</td>
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<td>4</td>
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<td>Biology Elective</td>
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<tr>
<td>Taken while at GCTC</td>
<td>CHE 270/275</td>
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<td>CHE 311/311L</td>
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<tr>
<td>Taken while at GCTC</td>
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<td>15-24</td>
<td>300/400 Level Electives*</td>
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<td>Total NKU Hours</td>
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*Note: Students must earn at least 120 hours, 45 of which must be at the 300/400 level or above to graduate.*

Updated February 2017