Jackson State University 2+2 Matriculation Agreement  
Bachelor of Science in Biology (Environmental Science Concentration)  
Hinds Community College Total Hours – 64  
Jackson State University Total Hours - 62

Freshman 1\textsuperscript{st} Semester

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hinds CC</th>
<th>JSU</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Biology I and Lab</td>
<td>BIO 1133 and 1131</td>
<td>BIO 111 and BIOL 111</td>
</tr>
<tr>
<td>General Chemistry I and Lab</td>
<td>CHE 1213 and 1211</td>
<td>CHEM 141 and CHML 141</td>
</tr>
<tr>
<td>English Composition I</td>
<td>ENG 1113</td>
<td>ENG 104</td>
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<tr>
<td>College Algebra</td>
<td>MAT 1313</td>
<td>MATH 111</td>
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<tr>
<td>Orientation</td>
<td>LLS 1312</td>
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<td><strong>Total</strong></td>
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Freshman 2\textsuperscript{nd} Semester

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hinds CC</th>
<th>JSU</th>
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<tbody>
<tr>
<td>General Biology II and Lab</td>
<td>BIO 1143 and 1141</td>
<td>BIO 112 and BIOL 112</td>
</tr>
<tr>
<td>General Chemistry II and Lab</td>
<td>CHE 1223 and 1221</td>
<td>CHEM 142 and CHML 142</td>
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<td>English Composition II</td>
<td>ENG 1123</td>
<td>ENG 105</td>
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<td>Trigonometry</td>
<td>MAT 1323</td>
<td>MATH 112</td>
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Sophomore 1\textsuperscript{st} Semester

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hinds CC</th>
<th>JSU</th>
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<tbody>
<tr>
<td>Organic Chemistry I and Lab</td>
<td>CHE 2423 and 2421</td>
<td>CHEM 241 and CHML 241</td>
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<tr>
<td>General Physics I and Lab</td>
<td>PHY 2414 and 2410</td>
<td>PHY 201 and PHYL 201</td>
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<tr>
<td>World Literature I</td>
<td>ENG 2423</td>
<td>ENG 205</td>
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<tr>
<td>Public Speaking</td>
<td>SPT 1113</td>
<td>SPCH 201</td>
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<tr>
<td>History Option</td>
<td>HIS 1113, 1163, or 2213</td>
<td>HIST 101</td>
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Sophomore 2\textsuperscript{nd} Semester

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hinds CC</th>
<th>JSU</th>
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<tbody>
<tr>
<td>Organic Chemistry II and Lab</td>
<td>CHE 2433 and 2431</td>
<td>CHEM 242 and CHML 242</td>
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<tr>
<td>General Physics II and Lab</td>
<td>PHY 2424 and 2420</td>
<td>PHY 202 and PHYL 202</td>
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<td>General Psychology I</td>
<td>PSY 1513</td>
<td>PSY 201</td>
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<tr>
<td>Fine Arts Option</td>
<td>ART 1113, MUS 1113, SPT 2233, or HUM 1113</td>
<td>ART 206, MUS 205, DR 201, or ENG 201</td>
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<tr>
<td>History Option II</td>
<td>HIS 1123, 1173, or 2223</td>
<td>HIST 102</td>
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<tr>
<td><strong>Total</strong></td>
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### Courses to Be Taken At Jackson State University

#### Junior 1st Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Code/Code</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>Introduction to Marine/Environmental Science</td>
<td>BIO 114</td>
<td>2</td>
</tr>
<tr>
<td>General Botany and Lab</td>
<td>BIO 119 and BIOL 119</td>
<td>4</td>
</tr>
<tr>
<td>Independent Study</td>
<td>BIO 392</td>
<td>2</td>
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<tr>
<td>Seminar in Biology</td>
<td>BIO 390</td>
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<tr>
<td>Digital Computer Principles</td>
<td>CSC 115</td>
<td>3</td>
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<tr>
<td>Physical Education I</td>
<td>PE 101</td>
<td>1</td>
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#### Junior 2nd Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Code/Code</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>General Zoology and Lab</td>
<td>BIO 115 and BIOL 115</td>
<td>4</td>
</tr>
<tr>
<td>Microbiology and Lab</td>
<td>BIO 313 and BIOL 313</td>
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</tr>
<tr>
<td>Philosophy Option</td>
<td>PHIL 301, 309, OR 416</td>
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<tr>
<td>Environmental Science</td>
<td>BIO 201 and BIOL 201</td>
<td>4</td>
</tr>
<tr>
<td>Physical Education II</td>
<td>PE 102</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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#### Senior 1st Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Code/Code</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Genetics and Lab</td>
<td>BIO 318 and BIOL 318</td>
<td>4</td>
</tr>
<tr>
<td>ES Elective</td>
<td>Consult with Advisor</td>
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<tr>
<td>General Psychology</td>
<td>PSY 201</td>
<td>3</td>
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<tr>
<td>University Success in College</td>
<td>UNIV 100</td>
<td>2</td>
</tr>
<tr>
<td>Modern Foreign Language I</td>
<td>MFL 101</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<td><strong>Total</strong></td>
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</table>

#### Senior 2nd Semester

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<thead>
<tr>
<th>Course</th>
<th>Code/Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Natural Resources and Conservation</td>
<td>BIO 412 and BIOL 412</td>
<td>4</td>
</tr>
<tr>
<td>ES Elective</td>
<td>Consult with Advisor</td>
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<tr>
<td>Calculus I and Lab</td>
<td>MATH 231</td>
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<tr>
<td>Modern Foreign Language I</td>
<td>MFL 102</td>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>Total</strong></td>
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</tbody>
</table>

*Students who transfer 12 or more hours of college credit are exempt from UNIV 100*

*Students who have completed two years of a single foreign language in high school with grades of “C” or better are exempt from the foreign language requirements, but these 6 hours must be replaced with general electives.

*HE 101 may be taken in the place of PE 101 & 102*