This document is meant as a tool for tracking progress toward completing requirements for the HBHS major. It does not account for College-level requirements, such as humanities, social sciences, communication courses, and the required number of CHE or CALS credits.

### Life Sciences

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course or options</th>
<th>Done</th>
<th>Year/Sem Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Introductory Chemistry</strong></td>
<td>CHEM 2070 General Chemistry I (Fall, 4 cr) AND CHEM 2080 General Chemistry II (Spring, 4 cr) (two-course sequence required for pre-health)</td>
<td>✓</td>
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<td></td>
<td>OTHER (e.g. AP or transfer credit, describe):</td>
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<tr>
<td><strong>TWO Introductory Biology Lectures</strong></td>
<td>(a) BIOMG 1350 Cell and Development (Fall/Spring, 3 cr)</td>
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<td></td>
<td>(b) BIOG 1440 Comparative Physiology (Fall/Spring, 3 cr) OR BIOG 1445 Comparative Physiology (Fall/Spring, 4 cr) (autotutorial)</td>
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<td></td>
<td>(c) BIOEE 1610 Ecology and the Environment (Fall/Spring/Summer, 3-4 cr) OR BIOEE 1780 Evolution and Diversity (Fall/Spring, 4-5 cr)</td>
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<td></td>
<td>(d) OTHER (e.g. AP or transfer credit, describe):</td>
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<tr>
<td><strong>Introductory Biology Lab</strong></td>
<td>BIOG 1500 Investigative Lab (Fall/Spring, 2 cr)</td>
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<td></td>
<td>BIOSM 1500 Investigative Marine Biology Laboratory (Summer, 2 cr)</td>
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<td></td>
<td>OTHER (e.g. transfer credit, describe):</td>
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<tr>
<td><strong>Organic Chemistry Lecture</strong></td>
<td>(a) CHEM 1570 Elementary Organic Chemistry (Spring, 3 cr) (not for pre-health)</td>
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<tr>
<td>(choose one option)</td>
<td>(b) CHEM 3530 Principles of Organic Chemistry Fall, 4 cr</td>
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<td></td>
<td>(c) CHEM 3570 AND 3580 Introductory Organic Chemistry (Fall and Spring, 3 cr each)</td>
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<td></td>
<td>(d) CHEM 3590 AND 3600 Organic Chemistry (Spring and Fall, 4 cr each)</td>
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<td>(e) OTHER (e.g. transfer credit, describe):</td>
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<tr>
<td><strong>Organic Chemistry Lab (choose one option)</strong></td>
<td>(a) CHEM 2510 Introduction to Experimental Organic Chemistry (Fall/Spring/Summer, 2 cr)</td>
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<td>(b) CHEM 3010 Honors Experimental Chemistry (Spring, 4 cr)</td>
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<td></td>
<td>(c) OTHER (e.g. transfer credit, describe):</td>
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<tr>
<td><strong>Physiology (choose one option)</strong></td>
<td>(a) NS 3410 Human Anatomy and Physiology (Spring, 4 cr)</td>
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<td>(b) BIOAP 3110 Animal Physiology (Fall, 3 cr)</td>
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<td>(c) OTHER (e.g. transfer credit, describe):</td>
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<tr>
<td><strong>Biochemistry (choose one option)</strong></td>
<td>(a) NS 3200 Introduction to Human Biochemistry (Fall, 4 cr)</td>
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<td>(b) BIOMG 3300 Principles of Biochemistry (Fall/Spring, 4 cr)</td>
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<td></td>
<td>(c) BIOMG 3310 Principles of Biochemistry: Proteins and Metabolism (Fall, 3 cr) AND BIOMG 3320 Principles of Biochemistry: Molecular Biology (S, 2 cr)</td>
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<td></td>
<td>(d) BIOMG 3310 Principles of Biochemistry: Proteins and Metabolism (Fall, 3 cr) AND BIOMI 2900 General Microbiology (Fall/Spring, 3-4 cr)</td>
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<td>(e) BIOMG 3330 Principles of Biochemistry: Proteins, Metabolism, and Molecular Biology (Summer, 4 cr)</td>
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<td>(f) BIOMG 3350 Principles of Biochemistry: Proteins, Metabolism, and Molecular Biology (Spring, 4 cr)</td>
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<td>(g) OTHER (e.g. transfer credit, describe):</td>
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<tr>
<td><strong>Physics (choose one option)</strong></td>
<td>(a) PHYS 1101 General Physics I (Fall/Summer, 4 cr)</td>
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<td>(b) PHYS 2207 Fundamentals of Physics (Fall, 4 cr)</td>
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</tbody>
</table>
Advanced biology electives (6 cr)

1. 
2. 
3. (If needed)

Computational Sciences

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course or options</th>
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<tbody>
<tr>
<td>Calculus/Advanced Math</td>
<td>(a) MATH 1105 Finite Mathematics for the Life and Social Sciences (Fall, 3 cr)</td>
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<td>(b) MATH 1106 Calculus for the Life and Social Sciences (S, 3 cr)</td>
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<td>(c) MATH 1110 Calculus I (Fall/Spring/Summer, 4 cr)</td>
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<td>(d) MATH 1120 Calculus II (Fall/Spring, 4 cr)</td>
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<td></td>
<td>OTHER (e.g. transfer or AP credit, describe):</td>
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<tr>
<td>Statistics</td>
<td>(a) STSCI 2150 Introductory Statistics for Biology (Fall/Spring, 4 cr)</td>
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<td>(b) PAM 2100 Introduction to Statistics (Spring, 4 cr)</td>
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<td></td>
<td>(c) AEM 2100 Introductory Statistics (Fall, 4 cr)</td>
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<td></td>
<td>(d) BTRY 3010 Biological Statistics I (Fall, 4 cr)</td>
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<tr>
<td></td>
<td>(e) ILRST/STSCI 2100 Introductory Statistics (Fall/Spring/Winter/Summer, 4 cr)</td>
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<td>(f) MATH 1710 Statistical Theory and Application in the Real World (Fall/Spring, 4 cr)</td>
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<td>(g) PSYCH 3500 Statistics and Research Design (Fall/Summer, 3-4 cr)</td>
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<td></td>
<td>(h) SOC 3010 Statistics for Sociological Research (Fall, 4 cr)</td>
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<tr>
<td></td>
<td>OTHER (e.g. transfer or AP credit, describe):</td>
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</table>

HBHS Survey Course and Selectives

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course</th>
<th>Done</th>
<th>Year/Sem Planned/completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey Course</td>
<td>NS 1150 (Fall, 3 cr)</td>
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</tbody>
</table>

For the following selectives, take at least 6 credits from the Social Science Perspective category; at least 6 credits from the Natural Science Perspective category; and at least 3 credits from the Nutritional Science Perspective category.

Social Science Perspective (6+ cr)

1. 
2. 

Natural Science Perspective (6+ cr)

1. 
2. 

Nutritional Science Perspective (3+ cr)

1. 

Non-NS College Credits

<table>
<thead>
<tr>
<th>Requirement</th>
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</tr>
</thead>
<tbody>
<tr>
<td>9 credits from within the student’s college (CHE or CALS) that are not NS and not used to fulfill another major or college distribution requirement.</td>
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<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

1. 
2. 
3. 

4 (if needed).

Student signature __________________________________________________________ Date ____________

Advisor signature _________________________________________________________ Date ____________