# MCMB - Pre-Med, Pre-Den, Pre-Opt

## Freshman

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 1100 English Composition I</td>
<td>3</td>
<td>ENGL 1120 English Composition II</td>
<td>3</td>
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<tr>
<td>MATH 1610 Calculus I</td>
<td>4</td>
<td>CORE HISTORY I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1030 Fundamentals Chemistry I</td>
<td>3</td>
<td>CHEM 1040 Fundamental Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1031 Fundamental Chemistry I Laboratory</td>
<td>1</td>
<td>CHEM 1041 Fundamental Chemistry II Laboratory</td>
<td>1</td>
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<tr>
<td>BIOL 1020 Principles of Biology</td>
<td>3</td>
<td>BIOL 1030 Organismal Biology</td>
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<tr>
<td>BIOL 1021 Principles of Biology Laboratory</td>
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<td>BIOL 1031 Organismal Biology Laboratory</td>
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<tr>
<td>SCMH 1890 Pre-Health Professions Orientation</td>
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<tr>
<td><strong>Total Hours</strong></td>
<td><strong>16</strong></td>
<td><strong>14</strong></td>
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## Sophomore

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>CHEM 2070 Organic Chemistry I</td>
<td>3</td>
<td>CHEM 2080 Organic Chemistry II</td>
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<tr>
<td>CHEM 2071 Organic Chemistry I Laboratory</td>
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<td>CHEM 2081 Organic Chemistry II Laboratory</td>
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<tr>
<td>CORE HISTORY II</td>
<td>3</td>
<td>BIOL 3000 Genetics</td>
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<tr>
<td>PHYS 1500 General Physics I</td>
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<td>BIOL 3001 General Genetics Laboratory</td>
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<td>CORE LITERATURE</td>
<td>3</td>
<td>PHYS 1510 General Physics II</td>
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<td></td>
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<td>COMM 1000 Public Speaking</td>
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<td><strong>Total Hours</strong></td>
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<td><strong>15</strong></td>
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## Junior

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BIOL 3200 General Microbiology</td>
<td>3</td>
<td>BIOL 4100 Cell Biology</td>
<td>3</td>
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<tr>
<td>BIOL 3201 General Microbiology Laboratory</td>
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<td>BIOL 4101 Cell Biology Laboratory</td>
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<tr>
<td>STAT 2510 Statistics for Biological and Health Sciences</td>
<td>3</td>
<td>PHIL 1030 Ethics and the Health Sciences</td>
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<td>PSYC 2010 Introduction to Psychology</td>
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<td>CORE SOCIAL SCIENCE</td>
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<td>CORE FINE ARTS</td>
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<td>BCHE 5190 Biochemistry II</td>
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<tr>
<td>BCHE 5180 Biochemistry I</td>
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<td><strong>Total Hours</strong></td>
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<td><strong>14</strong></td>
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## Senior

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BIOL 5200 Clinical Microbiology</td>
<td>5</td>
<td>MCMB Elective</td>
<td>10</td>
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<tr>
<td>BIOL 5260 Prokaryotic Molecular Genetics</td>
<td>3</td>
<td>Elective</td>
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<td>BIOL 5500 Immunology</td>
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<tr>
<td>BIOL 5260 Prokaryotic Molecular Genetics</td>
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<td></td>
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<tr>
<td><strong>Total Hours</strong></td>
<td><strong>14</strong></td>
<td><strong>17</strong></td>
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</table>

Total Hours: 120

Long range schedules for COSAM courses are online at [http://aub.ie/cosamlrs](http://aub.ie/cosamlrs)
Courses in BOLD will be used to calculate GPA in major.

Options for courses labeled CORE are in the Auburn University Bulletin (www.auburn.edu/bulletin) under Core Curriculum.

Students should declare a major in the semester they earn 60 hours.

Students must complete all requirements for that major prior to graduation.

Students planning a Physics major should consult with the pre-health advisor.

1. The Chemistry 1110/1111-1120/1121 sequence can substitute for CHEM 1030/1031-1040/1041. See advisor for details.
2. Students who have AP or transfer credit for US History should see an advisor for CORE SOC SCI choices.
3. Total electives required may change with choice of major.