Grove City College Status Sheet

Status Sheets are provided as a convenience for the student and may be helpful for recording completed courses. However, the College Bulletin is the controlling authority on all requirements. Questions should be directed to your academic advisor or the Registrar. (WI)=Writing Intensive, (SI)=Speaking Intensive, (IL)=Information Literacy courses.

Name: ____________________________________________________________________________

Year of Anticipated Graduation: ______________________________________________________

ID#: __________________________________ Date: ____________________________

Advisor: __________________________________________________________________________

TOTAL HOURS REQUIRED FOR THIS DEGREE…………128 HOURS

General Education + Elective Requirements…………60 HOURS

GENERAL EDUCATION REQUIREMENTS………………………26 HOURS

HUMANITIES CORE………………………………………………18 HOURS

<table>
<thead>
<tr>
<th>Course</th>
<th>Cr.</th>
<th>Sem. Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMA 101 Civilization (IL)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUMA 102 Biblical Revelation (IL)*</td>
<td>3</td>
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</tr>
<tr>
<td>HUMA 201 Speculative Mind (WI) (IL)</td>
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<tr>
<td>HUMA 202 Literature</td>
<td>3</td>
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<tr>
<td>HUMA 301 Arts</td>
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<tr>
<td>HUMA 302 International Perspective</td>
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</tbody>
</table>

*The year-long sequence of Reli 211 and 212 may substitute for this course.

STUDIES IN SCIENCE, FAITH, & TECHNOLOGY (SSFT)…………3 HOURS

Choose one course from the following:

- SSFT 208 Science, Technology & Society
- SSFT 210 Science & Religion
- SSFT 212 Science, Faith, Technology & Origins

_______________ 3 __________ _____

FOUNDATIONS OF THE SOCIAL SCIENCES…………………3 HOURS

Choose one social science course from the following:

- ECON 120 Foundations of Economics
- HIST 120 Foundations of History
- HIST 204 Hist/Phil Foundations of Education
- POLS 101 Foundations of Political Science
- PSYC 101 Foundations of Psychology
- PSYC 200 Cross-Cultural Psychology
- SOCI 101 Foundations of Sociology
- SOCI 103 Foundations of Cultural Anthropology

_______________ 3 __________ _____

QUANTITATIVE / LOGICAL REASONING…………………0 HOURS

College requirements met through major-related coursework.

NATURAL SCIENCES (with labs)………………………0 HOURS

College requirements met through major-related coursework.

PHYSICAL EDUCATION………………………………2 HOURS

<table>
<thead>
<tr>
<th>Course</th>
<th>Cr.</th>
<th>Sem. Taken</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYE 101 (men) / 111 (women)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>PHYE 102 (men) / 112 (women)</td>
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</tbody>
</table>

GENERAL ELECTIVES……………………………………34 HOURS

Chemistry Requirements……………………………………35 HOURS

<table>
<thead>
<tr>
<th>Course</th>
<th>Cr.</th>
<th>Sem. Taken</th>
<th>Grade</th>
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<tbody>
<tr>
<td>CHEM 101 General Chem</td>
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<tr>
<td>CHEM 102 General Chem</td>
<td>4</td>
<td></td>
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<tr>
<td>CHEM 227 Analytical Chem</td>
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<tr>
<td>CHEM 235 Chem in Context (IL)</td>
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<tr>
<td>CHEM 241 Organic Chem</td>
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<td>CHEM 242 Organic Chem</td>
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<td>CHEM 345 Microscopic Physical Chem</td>
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<tr>
<td>CHEM 346 Macroscopic Physical Chem</td>
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<tr>
<td>CHEM 356 Mole Sym &amp; Group Theory</td>
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<tr>
<td>CHEM 421 Inorganic/Bioinorganic Chem</td>
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<tr>
<td>CHEM 422 Inorganic Synth Lab</td>
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<tr>
<td>CHEM 488 Chem Seminar (WI) (SI)</td>
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CHEMISTRY CONCENTRATION OPTIONS……………………10 HOURS

Choose 10 hours from one of the following options:

- No Concentration: choose any 10 hours from Chemistry electives
- Biochemistry: CHEM 351, 352 & Chemistry electives from choices below
- Physical: CHEM 406, 445 & Chemistry electives from choices below
- Synthetic: CHEM 453, 458 & Chemistry electives from choices below

CHEMISTRY ELECTIVES

- CHEM 351 Biochemistry 4
- CHEM 352 Biochemistry 4
- CHEM 406 Instrumental Analysis 3
- CHEM 428 Organometallic Chem 3
- CHEM 445 Chem Model / Comp Chem 3
- CHEM 453 Adv Molec Spectroscopy 3
- CHEM 458 Advanced Syntheses Lab 2
- CHEM 463 Polymer Chem 2
- CHEM 466 Advanced Organic Chem 2

MAJOR RELATED REQUIREMENTS………………………23 HOURS

- MATH 161 Calculus I 4
- MATH 162 Calculus II 4
- MATH 261 Calculus III 4
- COMP 141 Intro to Programming 3

PHYS 101 OR PHYS 121 Physics I 4
PHYS 102 OR PHYS 122 Physics II 4

Minimum MQPA and MQPA required for graduation………………2.00

B.S. in Chemistry Entering in 2014
(2-11-14)
# DEPARTMENT OF CHEMISTRY

## SUGGESTED SCHEDULE FOR CHEMISTRY MAJORS (CHEM)

### Freshman Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td>CHEM 101 General Chemistry</td>
<td>CHEM 102 General Chemistry</td>
</tr>
<tr>
<td>PHYS 101 or 121 General Physics</td>
<td>PHYS 102 or 122 General Physics</td>
</tr>
<tr>
<td>MATH 161 Calculus I</td>
<td>MATH 162 Calculus II</td>
</tr>
<tr>
<td>HUMA 101 Civilization</td>
<td>HUMA 102 Biblical Revelation</td>
</tr>
<tr>
<td>PHYE 101 Freshman Orientation M OR PHYE 102 Freshman Orientation M OR PHYE 111 Freshman Orientation F</td>
<td>PHYE 112 Freshman Orientation F</td>
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### Sophomore Year

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<th>Spring</th>
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<tr>
<td>CHEM 241 Organic Chemistry</td>
<td>CHEM 242 Organic Chemistry</td>
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<tr>
<td>CHEM 227 Analytical Chemistry</td>
<td>CHEM 356 Mol Sym &amp; Group Theory</td>
</tr>
<tr>
<td>CHEM 235 Chemistry in Context</td>
<td>COMP 141 Comp Programming I</td>
</tr>
<tr>
<td>MATH 261 Calculus III</td>
<td>HUMA 202 Literature</td>
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<td>HUMA 201 Speculative Mind</td>
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### Junior Year

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<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td>CHEM 345 Microscopic Physical Chemistry</td>
<td>CHEM 346 Macroscopic Physical Chemistry</td>
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<tr>
<td>CHEM Elective</td>
<td>CHEM Elective</td>
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<tr>
<td>HUMA 301 Civ/Arts</td>
<td>HUMA 302 International Perspective</td>
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<tr>
<td>Found of Social Science</td>
<td>Electives</td>
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<tr>
<td>Elective</td>
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<td>17</td>
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</table>

### Senior Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>CHEM 421 Inorganic/Bioinorganic Chemistry</td>
<td>CHEM Chem Elective</td>
</tr>
<tr>
<td>CHEM 422 Inorganic Synthesis Lab</td>
<td>Elective courses</td>
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<tr>
<td>CHEM 488 Chemistry Seminar</td>
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<tr>
<td>Elective courses</td>
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<td>16</td>
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The schedule above satisfies the 128 required credit hours for graduation.

Students may choose a concentration area in the chemistry major:
- Biochemistry – CHEM 351, 352 plus two additional CHEM elective credits
- Physical – CHEM 406 & 445 plus four additional CHEM elective credits
- Synthetic – CHEM 453, 458 plus five additional CHEM elective credits

Students should be aware that some elective courses are only available in specific semesters – each student should check with his or her academic advisor, accordingly.