

BENEDICTINE UNIVERSITY CHECKLIST FOR BACHELOR OF SCIENCE in CHEMISTRY
(Concentration: Chemistry)
Freshman Rules
(2006-2007 Academic Year)

| | | |
|-----------------|-----------------|---------------------------|
| NAME: | | DATE: |
| BU ID #: | ADVISOR: | SEMESTER OF ENTRY: |

GRADUATION REQUIREMENT: Students must submit a total of 120 semester credit hours (with a minimum G.P.A. of 2.0 from Benedictine University courses)

| <p>BASIC SKILLS (12 HOURS) Grade of "C" or better required.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">College</th> <th style="text-align: left;">Course #</th> <th style="text-align: left;">Cr.</th> <th style="text-align: left;">Grade</th> </tr> </thead> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </tbody> </table> <p style="font-size: small;">Writing Colloquium (RHET-S103)* (or HNRS 190: 1st Year Colloquium I) Research Writing (RHET-S102) (or HNRS 191: 1st Year Colloquium II) Basic Speech (RHET-S110) (or HNRS-191) Finite Math (MATH-S105) or College Algebra (MATH-S110) or Quantitative Reasoning (MATH-S108)</p> <p>*Freshman with AP credit for RHET-S103 must take RHET-S104, Person in Community: One-Hour seminar</p> | College | Course # | Cr. | Grade | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | <p>COMMON CORE (12 HOURS)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">College</th> <th style="text-align: left;">Course #</th> <th style="text-align: left;">Cr.</th> <th style="text-align: left;">Grade</th> </tr> </thead> <tbody> <tr> <td>BU</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>BU</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>BU</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>BU</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </tbody> </table> <p style="font-size: small;">HUMN-220 Mediterranean World (or HNRS-220 Mediterranean World) HUMN-230 Baptism of Europe (or HNRS-230 Baptism of Europe) HUMN-240 Converging Hemispheres (or HNRS-320 Converging Hemispheres) HUMN-250-WI - required for all except scholars HUMN-220, 230, 240, 250 taken at Benedictine comprise the Cultural Heritage Series.</p> | College | Course # | Cr. | Grade | BU | _____ | _____ | _____ | BU | _____ | _____ | _____ | BU | _____ | _____ | _____ | BU | _____ | _____ | _____ |
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| College | Course # | Cr. | Grade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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CORE ELECTIVES

Core Electives must be chosen from classes labeled with a "C" designation in the Catalog and Course Schedule. A list can also be found at: <http://www.ben.edu/core/electives.asp>.

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| <p>ARTS AND HUMANITIES (12 HOURS)</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>PHIL (Ethics for Scholars)**</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>RELS</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>FNAR/MUSI (HNRS-294 for Scholars)</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>LITR/FRLGLITR</td> </tr> </tbody> </table> <p>**Scholars must pass PHIL-240, 245 or 250.</p> | _____ | _____ | _____ | _____ | PHIL (Ethics for Scholars)** | _____ | _____ | _____ | _____ | RELS | _____ | _____ | _____ | _____ | FNAR/MUSI (HNRS-294 for Scholars) | _____ | _____ | _____ | _____ | LITR/FRLGLITR | <p>NATURAL SCIENCES (9 HOURS)</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>LIFE SC</td> </tr> <tr> <td colspan="4"></td> <td>(includes BIOL, BCHM, NRHL, NUTR)</td> </tr> <tr> <td colspan="5">Remainder satisfied by major</td> </tr> </tbody> </table> | _____ | _____ | _____ | _____ | LIFE SC | | | | | (includes BIOL, BCHM, NRHL, NUTR) | Remainder satisfied by major | | | | |
| _____ | _____ | _____ | _____ | PHIL (Ethics for Scholars)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _____ | _____ | _____ | _____ | RELS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _____ | _____ | _____ | _____ | FNAR/MUSI (HNRS-294 for Scholars) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _____ | _____ | _____ | _____ | LITR/FRLGLITR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _____ | _____ | _____ | _____ | LIFE SC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (includes BIOL, BCHM, NRHL, NUTR) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Remainder satisfied by major | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SOCIAL SCIENCES (9 HOURS)

| | | | | |
|-------|-------|-------|-------|-----------------------------------|
| _____ | _____ | _____ | _____ | BUSN/ECON |
| _____ | _____ | _____ | _____ | ANTH/PLSC (HNRS-393 for Scholars) |
| _____ | _____ | _____ | _____ | PSYC/SOCL |

MAJORS AND COGNATES ❖

| College | Course | Cr | Gr | College | Course | Cr | Gr |
|---------|--------------------------------|----|----|---------|---------------------------|----|----|
| | | 1 | | | | 3 | |
| | MATH-207 Calc I Lab | | | | CHEM-242 Org Chem | | |
| | | 4 | | | | 1 | |
| | MATH-210 Calc w/ Analytics I* | | | | CHEM-244 Org Chem I Lab | | |
| | | 4 | | | | 3 | |
| | MATH-211 Calc w/ Analytics II | | | | CHEM-247 Org Chem II | | |
| | | 4 | | | | 1 | |
| | MATH-212 Calc w/ Analytics III | | | | CHEM-249 Org Chem II Lab | | |
| | | 3 | | | | 2 | |
| | MATH Elective** | | | | CHEM-272 Spec Interpret | | |
| | | 4 | | | | 3 | |
| | PHYS-211 Physics I**** | | | | CHEM-313 Phys Chem I | | |
| | | 1 | | | | 1 | |
| | PHYS-205 Exptl Phys I**** | | | | CHEM-314 Phys Chem I Lab | | |
| | | 4 | | | | 3 | |
| | PHYS-212 Physics II**** | | | | CHEM-315 Phys Chem II | | |
| | | 1 | | | | 1 | |
| | PHYS-206 Exptl Phys**** | | | | CHEM-316 Phys Chem II Lab | | |
| | | 3 | | | | 3 | |
| | CHEM-113 Gen Chem I | | | | CHEM-320 Inorg Chem | | |
| | | 1 | | | | 1 | |
| | CHEM-115 Gen Chem I Lab | | | | CHEM-321 Inorg Syn Lab | | |
| | | 3 | | | | 1 | |
| | CHEM-123 Gen Chem II | | | | CHEM-292 Research Lit | | |
| | | 1 | | | | 4 | |
| | CHEM-125 Gen Chem II Lab | | | | CHEM-398 Chem Research | | |
| | | 4 | | | | 3 | |
| | CHEM-235 Chem Anal I | | | | CHEM Elective*** | | |
| | | 4 | | | | 3 | |
| | CHEM-236 Chem Anal II | | | | CHEM Elective*** | | |

All majors must submit at least 49 hours in Chemistry [with a grade of "C" or better], of which 41 hours are at the 200 level or above, including 23 hours at the 300 level

*MATH-210 may be replaced by taking MATH-170, 171 and MATH-200

**MATH-260 is recommended but any 3 (or 4) hour 200 or 300 level MATH class will satisfy the requirement.

***From CHEM-335, 340, 357, 390, and BCHM 361. In order to earn an ACS certified degree, BCHM-361 must be chosen as one of the electives.

****Or PHYS 113, 114, 118, and 119.

❖ One Writing Intensive course (indicated by a "WI" in the course schedule) must be completed within the major