EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS
Bachelor of Science
Major: Chemistry (0478)

Student: ________________________  ID: @  Term: ________________________

I. GENERAL EDUCATION  (50 SH)
   SH  Grade  Date
   (14 SH)

   A. Skills
      ENGL101 College Writing Skills  3
      ENGL102 Writ/Research  3
      MATH211 Ana. Geo. & Calculus I  4
      CHEM241 Prin. of Chemistry I*  4
      *Fulfills required computer competency course.

   B. Core  (22 SH)

      1. Artistic Expression  (3 SH)
         __________________________  __________  __________

      2. World Civilizations  (3 SH)
         __________________________  __________  __________

      3. American Civilizations  (3 SH)
         __________________________  __________  __________

      4. Human Behavior  (3 SH)
         __________________________  __________  __________

      5. Cultural Diversity & Social Pluralism  (3 SH)
         (Select FREN101, GERM101, or RUSS101)
         __________________________  __________  __________

      6. Ethics  (3 SH)
         __________________________  __________  __________

      7. Natural Science  (4 SH)
         BIOL103 Principles of Biology  4

   C. Distribution  (14 SH)

      1. Humanities & Fine Arts  (3 SH)
         __________________________  __________  __________

      2. Social & Behavioral Sciences  (3 SH)
         __________________________  __________  __________

      3. Science & Math  (8 SH)
         PHYS320 University Physics I  4
         PHYS321 University Physics II  4

II. SPECIALIZATION IN CHEMISTRY**  (48 SH)

   CHEM240  Principles of Chemistry I  4
   CHEM241  Principles of Chemistry II  ***
   CHEM280  Laboratory Safety  1
   CHEM341  Biochemistry  4
   CHEM310  Quantitative Analysis  4
   CHEM330  Organic Chemistry I  4
   CHEM331  Organic Chemistry II  4
   CHEM381  Searching Scientific Literature  1
   CHEM420  Inorganic Chemistry  3
   CHEM421  Advanced Organic Chemistry  3
   CHEM450  Instrumental Analysis  5
   CHEM481  Seminar  1
   CHEM490  Indep. Study Chem.  2
   CHEM530  Physical Chemistry I  4
   CHEM531  Physical Chemistry II  4
   CHEM533  Polymer Chemistry  3
   CHEM535  Advanced Chemistry Lab.  1
   **Students enrolled in the Bachelor of Science program must attain a cumulative quality point average of 2.00 or higher in chemistry courses to be eligible for graduation. A minimum grade of "C" is required in CHEM240, 241,310, 330, 341, 530 and 531.

III. REQUIRED SUPPORTING COURSES  (12-13 SH)

   BIOL103  Principles of Biology  ***
   MATH211  Anal. Geometry & Calculus I  ***
   MATH212  Anal. Geometry & Calculus II  4
   MATH311  Anal. Geometry & Calculus III  4
   OR
   MATH317  Intro. to Differential Equations  3
   OR
   CSCI130  Principles of Programming I  3
   MATH260  Elements of Statistics  3
   FREN101  1st. Course in French  ***
   OR
   GERM101  1st. Course in German  ***
   OR
   RUSS101  1st. Course in Russian  ***
   PHYS320  University Physics I  ***
   PHYS321  University Physics II  ***
   PHYS322  Phys. Measurements I  1
   PHYS323  Phys. Measurements II  1
   ***Credits are recorded under the General Education Section.

IV. ELECTIVES  (9-10 SH)

   SH  Grade  Date
   ____________________________________________

   TOTAL#  (120 SH)
   ____________________________________________

#Note: At least 42 semester hours must consist of advanced coursework.

(Revised: March 2006; Approved: June 2006)
(Effective: Fall 2012; Printed June 2012)

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