**CHEMISTRY –Business Option**

**(B.S., CHMBD)**

**124 credits**

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##### **First-year Seminar:**

 PSU 007 \_\_\_ (1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

##### **Communications(GWS):**

 ENGL 015 \_\_\_ (3)

 ENGL 202D \_\_\_ (3) §

 CAS 100 \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

##### **Quantification(GQ):**

 MATH 140 \_\_\_ (4) §

 MATH 141 \_\_\_ (4) §

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

##### **Natural Sciences(GN):**

 PHYS 211 \_\_\_ (4) §

 PHYS 212 \_\_\_ (4) §

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

##### **Arts(GA):**

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

##### **Humanities(GH):**

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

##### **Social and Behavioral Sciences(GS):**

 ECON 102 \_\_\_ (3) §

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

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##### **Health and Activity(GHA):**

BB H/KINES/ESACT

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (1.5)

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (1.5)

##### **Prescribed Courses: 54 cr.**

 CHEM 110 \_\_\_ (3) §

 CHEM 111 \_\_\_ (1) §

 CHEM 112 \_\_\_ (3) §

 CHEM 113 \_\_\_ (1) §

 CHEM 210 \_\_\_ (3) §

 CHEM 212 \_\_\_ (3) §

 CHEM 213 \_\_\_ (2) §

 CHEM 221 \_\_\_ (4) §

 CHEM 316 \_\_\_ (1)

 CHEM 400 \_\_\_ (1)

 CHEM 413 \_\_\_ (4)

 CHEM 431W \_\_\_ (3)

 CHEM 440 \_\_\_ (3)

 CHEM 441 \_\_\_ (1)

 CHEM 443 \_\_\_ (1)

 CHEM 457 \_\_\_ (1)

 CHEM 472 \_\_\_ (3)

 CHEM 496 \_\_\_ (3)

 MGMT 301 \_\_\_ (3)

 MKTG 301 \_\_\_ (3)

 STAT 401 \_\_\_ (3)

 SCM 200 \_\_\_ (4) §

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##### **Additional Courses: 22-23 cr.**

Select 3 credits:

 CHEM 450 \_\_\_ (3)

 CHEM 452 \_\_\_ (3)

Select 9-11 credits in one of the following sequences:

1. SCM 310 \_\_\_ (3)

 MGMT 331 \_\_\_ (3)

 MGMT 410 \_\_\_ (3)

 MGMT 420 \_\_\_ (3)

b) MKTG 342 \_\_\_ (3)

 MKTG 330 \_\_\_ (3)

 MKTG 327 \_\_\_ (3)

 MKTG 410 \_\_\_ (3)

 MKTG 428 \_\_\_ (3)

c)CMPSC 203 \_\_\_ (4)

 MIS 204 \_\_\_ (3)

 MIS 336 \_\_\_ (3)

 MIS 430 \_\_\_ (3)

 MIS 445 \_\_\_ (4)

 d) One selection each election

 from a), b) and c) above

Select 6 cr. of 400-level CHEM courses excluding 494, 495, 496.

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( ) \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

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##### **Supporting Courses and Related Areas: 6 credits**

Select 6 credits from a School-approved list. May apply up to 6 credits of ROTC.

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

 \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

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##### **Writing Intensive Course:**

 CHEM 431W \_\_\_ (3)

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##### ‡**United States (US)**

##### **and International (IL) Cultures:**

 US \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

 IL \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

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§Grade of C or higher is required.

‡This requirement can be fulfilled from choices in GA, GH, or GS

Students graduating from this major must achieve a minimum grade-point average of at least 2.00; achieve an overall grade-point average of at least 2.00 within the Prescribed, Additional, and Supporting courses in the Requirements for the major, including chosen Options, if any; and earn a C grade or better in all 300- and 400-level courses within these same Prescribed, Additional, and Supporting courses. If a student receives a grade below C, he/she must repeat that course or a School Approved alternative, and earn a grade of C or better.

**Effective Summer 2012 Revised 2/4/13**