

2009-10 CHECKLIST FOR GRADUATION REQUIREMENTS IN CHEMISTRY - BACHELOR OF ARTS  
Minimum of 132 s.h. required for graduation (36 s.h. must be 300/400-level courses)  
(Additional hours to total 132 s.h. -- includes second major, minor, and elective hours.)

Name \_\_\_\_\_ I.D. # \_\_\_\_\_ H.S. deficiencies: Math \_\_\_\_\_ Foreign Language \_\_\_\_\_

**General Studies Requirements**

(General Studies must total at least 58 s.h.)

**FIRST-YEAR CORE:**

GST 110 - Global Experience (4 s.h.) \_\_\_\_\_

ENG 110 - College Writing (4 s.h.) \_\_\_\_\_  
(C- or better required for graduation)

MTH 112 or 121 or 212 (4 s.h.) \*MTH 121 \_\_\_\_\_

HED 111 - Contemp. Wellness Issues (2 s.h.) \_\_\_\_\_

**Experiential Learning Requirement (ELR):** (One Unit)

May be met by any one of the following: internship, practicum, co-op, study abroad, student teaching, approved field-based course or documented service, leadership, or individualized learning experience.

**Foreign Language Requirement:**

May be met by one of the following: scoring 4 or 5 on a language Advanced Placement test, or scoring similarly on the IB Higher Level exam; placing beyond FL 122 on the CAPE placement test; completing a 122-level language course; or completing a semester or summer in a university approved program in a non-English speaking country that includes a course in language instruction at the 122 level or above. Only 4 s.h. of language study utilized to meet the graduation requirement apply to Civilization category. Students are expected to complete this requirement by the end of their sophomore year.

**STUDIES IN THE ARTS AND SCIENCES:**

[**Transfer students** with at least 18 s.h. of transfer credit must complete 32 hours total in Studies in the Arts & Sciences, but may have as few as 7 hours in one or more of the four Studies in the Arts & Sciences areas.]

**Expression** \_\_\_\_\_ (8 s.h.) \_\_\_\_\_

[Eight hours chosen from at least two of the following: literature (in English or foreign languages), philosophy, & fine arts (art, art history, dance, fine arts, music, music theatre, & theatre). At least one course must be literature.]

**Civilization** \_\_\_\_\_ (8 s.h.) \_\_\_\_\_

[Eight hours chosen from at least two of the following: history, foreign languages, and religious studies.]

**Society** \_\_\_\_\_ (8 s.h.) \_\_\_\_\_

[Eight hours chosen from at least two of the following: economics, geography, human services - HSS 111 only, political science, psychology, & sociology/anthropology.]

**Science** \*CHM 111/113(Lab: ) \*CHM 112/114(8 s.h.) \_\_\_\_\_

[Eight hours chosen from one or more of the following: mathematics, science, and computer science (*CSC department*). At least one course must be a physical or biological laboratory science.]

**ADVANCED STUDIES** (Must be outside major.)

\_\_\_\_\_ (8 s.h.) \_\_\_\_\_

[Eight hours of 300-400 level coursework outside the major field and chosen from areas under Studies in the Arts and Sciences.]

**GST Interdisciplinary Seminar** \_\_\_\_\_ (4 s.h.) \_\_\_\_\_

[300-400 level GST course; requires junior/senior status.]

**\*Required in major; may count in General Studies.**

**Major Requirements**

A minimum of 48 s.h. in the following courses is required.

\_\_\_\_\_ \*CHM 111 (3) - General Chemistry I

\_\_\_\_\_ \*CHM 113 (1) - General Chemistry I Lab

\_\_\_\_\_ \*CHM 112 (3) - General Chemistry II

\_\_\_\_\_ \*CHM 114 (1) - General Chemistry II Lab

\_\_\_\_\_ CHM 125 (1) - The Chemical Literature

\_\_\_\_\_ CHM 205 (4) - Inorganic Chemistry

\_\_\_\_\_ CHM 211 (3) - Organic Chemistry I

\_\_\_\_\_ CHM 213 (1) - Organic Chemistry I Lab

\_\_\_\_\_ CHM 212 (3) - Organic Chemistry II

\_\_\_\_\_ CHM 214 (1) - Organic Chemistry II Lab

\_\_\_\_\_ CHM 311 (4) - Quantitative Analysis

\_\_\_\_\_ CHM 332 (4) - Physical Chemistry I

Six (6) additional hours of CHM electives of which at least 4 s.h. must be from 300-400 level

\_\_\_\_\_ CHM 461 (1) - Senior Seminar

\_\_\_\_\_ \*MTH 121 (4) - Calculus & Analytic Geometry I

\_\_\_\_\_ PHY 111 (4) - General Physics I  
(PHY 113 - Gen Phy I w/Calc may be substituted)

\_\_\_\_\_ PHY 112 (4) - General Physics II  
(PHY 114 - Gen Phy II w/Calc may be substituted)

\_\_\_\_\_ Major Total (s.h.)