

CHEMISTRY MAJOR 2005/06

LIBERAL ARTS CORE REQUIREMENTS

CHECKLIST

F=Fall S=Spring FS= Fall & Spring

AA=as announced s.h.=semester hours

(3x) =take 3 times

*=has prerequisite-check the class below it for details

SL=Service Learning DW=Diverse World

SE=Senior Experience

You must take the following classes:

	sem.	s.h.
____IDS 499-Major Seminar-each sem	(FS)	1
____IDS 151-Self and Community I	(F)	3
____IDS 152- Self and Community II	(FS)	3
____IDS 111-Writing and Rhetoric I	(F)	3
____IDS 112* Writing and Rhetoric II	(S)	3
*IDS 111 with C or better		
____IDS 211-Civilization Studies I	(F)	3
____IDS 212-Civilization Studies II	(S)	3
____IDS 251-Nature, Tech, and Humanity	(FS)	3

Math Proficiency-3 Semester hours

Take one class:

____MTH 150-151 Precalculus or Calculus I	(FS)	4
____BIO 406-Biostatistics	(F)	3
____PHA 201-Introductory Physics I	(F)	4
____PHA 251-Calculus Based Physics I	(AA)	5

Science Experience-3 semester hours

Take one class:

____SCI 102-Biological Science	(FS)	3
____SCI 103-Astronomy	(FS)	3
____SCI 105-Intro to Geology	(S)	3
____SCI 107-Environmental Science	(F)	3
____SCI 111-Intro to Chemistry	(F)	3
____SCI 112-Intro to Physics	(S)	3
____BIO 105-Human Biology	(S)	3
____BIO 111-Prin. of Biology: Molecules to Cells	(F)	3
____BIO 112-Prin. of Bio: Organisms to Ecosystems	(S)	3
____PHA 201-Physics I	(F)	4
____CEM 151-General Chemistry I	(F)	4
____BIO 105-Human Biology	(S)	3

Creative Experience-3 Semester hours

Take One Class:

____ART 105-Drawing Skills Lab	(S)	3
____ART 107-Visual Foundations	(FS)	3
____ART 200 level or above studio class		3
____ENG145-Intro to Creative Writing	(AA)	3
____ENG 245-Fiction Writing	(F)	3
____ENG 247-Poetry Writing	(S)	3
____MUS 110-College Choir (3x)	(FS)	1
____MUS 112-Women's Chorale(3x)	(FS)	1
____MUS 141-Class Piano I (3x)	(F)	1
____MUS 142-Class Piano II (3x)	(S)	1
____MUS 243-Guitar Techniques (3x)	(FS)	1
____THR 111-Acting	(FS)	3

Arts Exploration must be taken outside of the major. If one of these courses is required for your major, you must take a different course to satisfy the requirement.

Arts Exploration:Take One Class:

____ART 101-Image and Culture	(F)	3
____ENG 201-Texts and Culture	(FS)	3
____MUS 120-Music and Culture	(FS)	3
____THR 106-Theatre and Culture	(FS)	3

CHEMISTRY MAJOR

Major Requirements (38 semester hours)

____CEM 151-General Chemistry I	(F)	4
____CEM 152* General Chemistry II	(S)	4
* CEM 151		
____CEM 201* Chemical Measurements		
Laboratory	(F-odd)	2
____CEM 202* Intermediate Chemical Measurements		
Laboratory	(S-even)	2
* CEM 201		
____CEM 221* Analytical Chemistry I	(F-even)	3
* CEM151		
____CEM 231* Organic Chemistry I	(F)	4
* CEM 152		
____CEM 232* Organic Chemistry II	(S)	4
* CEM 231		
____CEM 341* Chemical Thermodynamics	(F)	4
* CEM 152; MTH 151		
____MTH 151* Calculus I	(FS)	4
* MTH 150 with at least a "C" grade		
____SCI 421*Senior Seminar		3

Complete four semester hours from the following:

Any CEM elective 200-level or above 4

* ____ **Complete a class that satisfies the Diverse World requirement (DW).**

* ____ **Complete a class that satisfies the Service Learning requirement (SL).**

* ____ **Complete a class that satisfies the Senior Experience requirement (SE).**

***Classes for these three requirements may change from year to year-check with the chair of your department.**

Complete an approved minor or electives to reach 120 semester hours.

CLASSES ARE SUBJECT TO CHANGE