

Fall 2005 Chem Ed. Minor: Student Checklist Eastern Michigan University

Advisor: Larry Kolopajlo, Ph.D. lkolopaj@emich.edu 734-487-0100 Office: 202 MJ

PLEASE TYPE OR PRINT

Name: _____ Student No.: _____
 Last First Middle Street: _____
 Phone: _____ City State

Student Email: _____

Listing of all Required Courses Completed Toward Minor									
Done ?	EMU Course	EMU Course Title	Sem. Hours	Transfer Course	Institution where taken	Course No.	Course Title	Semester Hours	Grade \geq C Needed
	CHEM 121	Gen Chem I Lecture	3						
	CHEM 122	Gen Chem I Lab	1						
	CHEM 123	Gen Chem II Lecture	3						
	CHEM 124	Gen Chem II Lab	1						
	CHEM 281	Quantitative Analysis	4						
	CHEM 270	Survey of Organic Chem	4						
	CHEM 271	Survey Org Chem Lab	1						
	CHEM 351	Fundamentals of Biochemistry	4						
	Chem ***	Elective (a 200-400 level course)	3						
		Total Hrs Required:	24						
	Substitutions:								
	CHEM 451	Biochemistry I	3						
	CHEM 371	Organic I Lecture	3						
	CHEM 372	Organic II Lecture	3						
	CHEM 373	Organic Chem Lab	2						
		Total Semester Hrs :							

RULES

- Transfer students: EMU Policy requires that 6 credits in the minor be taken at EMU at the 300-400 level.
- Chem 451 can be taken instead of Chem 351 but note that Chem 451 is a three hour course. You still must have 24 hrs total.
- The series Chem 371-373 can be substituted for Chem 270-271 and all 8 hrs count. However, the next two rules apply:
 - CHEM 270/271 can't be used as an elective if Chem 371-373 has been taken.
 - Students can not mix and match Chem 270/271 with Chem 371, 372, 373.
- Students must present a valid (official or unofficial) transcript showing letter grades and dates when courses were taken.
- Students can not use PHY 325, or Chem 406 for the Chemistry Minor program.
- A student must retake general chemistry lecture (Chem 121/123) if their course is 6 years old or more. See a) and b) below:
 - If a letter grade in an "old" gen chem course is less than a B, then that entire lecture course must be repeated.
 - Students may substitute the **CLEP Exam** (www.collegeboard.com) for retaking Chem 121/123 if their course letter grades are a **B** or better.