

# CHEMICAL PHYSICS MAJOR CONCENTRATION CHECKLIST

STUDENTS: Submit with the Advisement Report and any other major or minor checklists to the Student Services Desk by the due date. See attached for instructions and policies. If substitutions are made, it is the student's responsibility to make sure the substitutions are acceptable to the Physics Department.

Student Name: \_\_\_\_\_ I.D.: \_\_\_\_\_

Other Major(s): \_\_\_\_\_ Minors: \_\_\_\_\_

## I. Foundation:

	Semester/Year	Grade	Credit
CHEM 1, 11 or 16 _____ (Circle) (Title)	_____	_____	_____
CHEM 2 or 12 _____ (Circle) (Title)	_____	_____	_____
PHY 1 or 11 _____ (Circle) (Title)	_____	_____	_____
PHY 2 or 12 _____ (Circle) (Title)	_____	_____	_____

## II. Concentration – Ten credits/courses:

### Advanced Laboratory Training (either PHY 64 or CHEM 33 and 34)

Course Number	Course Title	Semester/Year	Grade	Credit
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

### Thermodynamics (either CHEM 31 or PHY 52)

Course Number	Course Title	Semester/Year	Grade	Credit
_____	_____	_____	_____	_____

### Quantum Mechanics (either CHEM 32 or PHY 61)

Course Number	Course Title	Semester/Year	Grade	Credit
_____	_____	_____	_____	_____

### Four credits in Physics with PHY 2 or 12 as prerequisite, including PHY 13 (may include the concentration courses listed above):

	Semester/Year	Grade	Credit
PHY 13 Introduction to Modern Physics	_____	_____	_____
Course Number Course Title	Semester/Year	Grade	Credit
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Four credits in Chemistry with CHEM 2 or 12 as prerequisite, including CHEM 51 or 61 (may include the concentration courses listed above):**

		Semester/Year	Grade	Credit
CHEM 51 or 61 _____	_____	_____	_____	_____
(Circle) (Title)	(Title)			
Course Number	Course Title	Semester/Year	Grade	Credit
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**Two courses in Mathematics (MATH 70 or courses with a prerequisite of MATH 42, 44 or 70):**

Course Number	Course Title	Semester/Year	Grade	Credit
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**III. If you have taken any other major courses that are not being used for the above requirements, and would like to have them considered for Latin Honors, please list here:**

Course Number	Course Title	Semester/Year	Grade	Credit
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**IV. List any of the above courses that you are also using towards another major. Please attach additional sheet if needed.**

Course Number	Course Title	Semester/Year	Grade	Credit
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Student's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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*I/We certify that completion of the above courses will satisfy all requirements for the Chemical Physics major.*

Advisor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Department Chair's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## **CHEMICAL PHYSICS MAJOR INSTRUCTIONS AND POLICIES**

- **Fourteen Courses/Credits required (Four Foundation/Ten Concentration)**
- **Minimum GPA of 2.0 in the courses applied to the major.**
- **No more than one course with a grade less than C-.**
- **No major course may be taken Pass/Fail.**
- **If you have more than one major, please see Bulletin for rules on double-counting courses.**
- **If you have a minor, no more than two course credits used toward the minor may be used toward foundation, distribution, major, or other minor requirements.**
- **Please see Departmental Website for complete Chemical Physics major requirements/policies.**