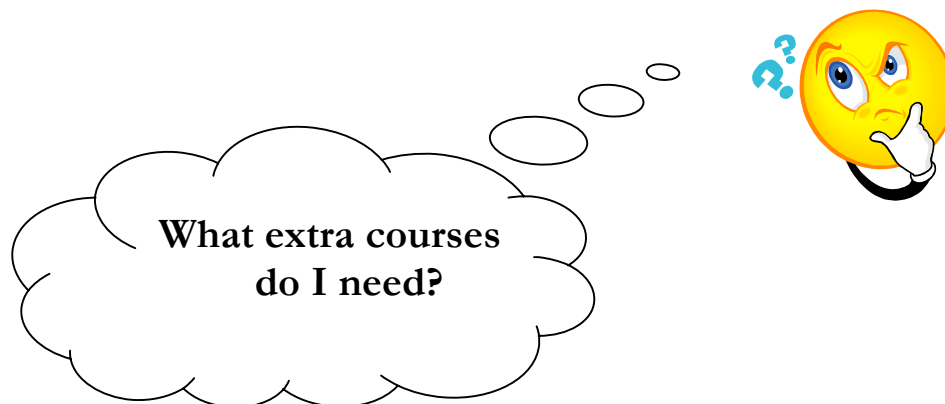


I am a **Neag School of Education Chemistry Education Major**
who is considering the **additional BA or BS degree**
in **Chemistry** through the College of Liberal Arts and Sciences (CLAS).



For Chemistry Bachelor of Arts (8 cr.)

- CHEM 3565W (2 cr.) – Physical Chemistry Laboratory
- PHYS 1230 (3 cr.) – General Physics Problems
- MATH 2410 (3 cr.) – Differential Equations

For Chemistry Bachelor of Science (8 cr. + 7 cr.) *or* (15 cr.)

- CHEM 3334 (4 cr.) – Instrumental Analysis
- CHEM 3215 (3 cr.) – Inorganic Chemistry Lab

General Education:

- Additional courses are needed in content area one to fulfill CLAS General Education requirements.

Note: This sheet is not meant to replace advisement by an academic advisor, nor does it in any way guarantee eligibility for the additional CLAS degree. It is only meant as a planning tool. Please see your advisor(s) to construct your plan of study.

Chemistry Major Related Work

The chemistry major requires 12 credits of related (outside of chemistry) courses at the 2000-level or higher. All chemistry majors must take Math 2110(210) and 2410(211) (multivariable calculus and elementary differential equations) which fulfills 7 credits of the related requirement. Those students seeking ACS accreditation will need MCB 3010(204) which is 5 credits; completing the 12 credit requirement. Other students will need another 5 credits from the approved related courses listed below. A student may petition to have a course that is not on the list.

Biology	Ecology and evolutionary biology (EEB): 4248(238), 2244(244), 3247(247), 3254(254), 3221(291), 4215(296) Molecular and Cell Biology (MCB): All 2000 or higher level except 2400 Physiology and neurobiology (PNB): 2250(250), 3251(251), 3262(262), 3263WQ(263)
Computer Science (CSE)	All 2000 or higher level
Education (EDCI, EGEN, EPSY)	See your Chemistry advisor
Engineering (ENGR)	All 2000 or higher level
Geology (GEOL)	All 2000 or higher level
Marine Sciences (MARN)	4060(270), 4050W(275W), 4030W(280W)
Mathematics (MATH)	All 2000 or higher level except 2720W, 3794
Nutritional Sciences (NUSC)	3235(212), 4236(236)
Physics (PHYS)	All 2000 or higher level
Plant Science (PLSC)	All 2000 or higher level
Statistics (STAT)	All 2000 or higher level

For more information, please contact your assigned Chemistry Advisor

Chemistry Additional Degree Course Diagram

Neag Chemistry Education Requirements

(not required by CLAS major)

BIOL 1107 (4 cr.)
BIOL 1108 (4 cr.)
CHEM 3170W (3 cr.)
HIST 1501 or 1502 (3 cr.)
PSYC 1100 (3 cr.)

Courses that fulfill Neag and CLAS requirements

CHEM 1127Q (4 cr.)
CHEM 1128Q (4 cr.)
CHEM 2443 (3 cr.)
CHEM 2444 (3 cr.)
CHEM 2445 (3 cr.)
CHEM 3563 (4 cr.)
CHEM 3564 (4 cr.)
CHEM 3210 (2 cr.)
CHEM 3214 (3 cr.)
CHEM 3332 (4 cr.)
MATH 1131Q (4 cr.)
MATH 1132Q (4 cr.)
MATH 2110Q (4 cr.)
PHYS 1201Q (4 cr.)
PHYS 1202Q (4 cr.)

Courses that meet CLAS Chemistry related course requirement (12 cr.):

MCB 3010 (5 cr.)
MATH 2110Q (4 cr.)
MATH 2410Q (3 cr.)
Appropriate Education course

CLAS Chemistry BA Requirements

(not required by Neag major)

CHEM 3565W (2 cr.)
MATH 2410Q (3 cr.)
PHYS 1230 (3 cr.)