CHEMISTRY MAJOR CHECKLIST

ENVIRONMENTAL CHEMISTRY
CONCENTRATION

General Studies Core

Area I – Written Composition (6 hrs)
EH 101- English Comp I
EH 102- English Comp II

Area II – Humanities/Fine Arts (12 hrs)
Literature – 6 hrs (choose any two)
EH 201, 202 <or>
EH 203, 204 <or>
EH 231, 232 <or>
EH 219, 220
Fine Arts – 3 hrs (select one)
ART 202
DR 242
MU 233
FL 101
EH 141- Speech (3 hrs)

Area III – Natural Science/Math (11 hrs)
CY 105, 106, 107, 108 – Chemistry
MS 125 Calculus

Area IV – History/Social/Behavioral (12 hrs)
History – Select one sequence – 6 hrs
HY 101 & 102 <or>
HY 201 & 202
Social/Behavioral – 6 hrs
AN 224, EC 221, 222, GY 120, GY 220
PSC 100, PSY 201, PSY 222, SY 221

Area V – Support Courses (23 hours)
MS 126 Calculus II
PHS 211/213 – Physics/lab
PHS 212/214 – Physics/lab
CS 201 – Computer Science
Electives (9 hours)

Chemistry Core (20 hrs)
CY 105 & CY 107 – Gen Chemistry I/lab
CY 106 & CY 108- Gen Chemistry II/lab
CY 231 - Organic Chemistry I
CY 232 - Organic Chemistry II
CY 321 - Quantitative Chemistry

Students choosing this option are encouraged to minor in ESC, Environmental Science.

Environmental Chemistry Concentration (22 hrs)
CY 341 with lab- Physical Chemistry (4)
CY 342 with lab- Physical Chemistry (4)
CY 430 – Environmental Chemistry (3)
CY 433 – Sampling and Analysis (5)
CY 493 – Environmental chemistry Research (1)
<OR>
CY 490 – Internship (1)

Total this concentration – 38 hrs

Total hours for graduation: 128

MINOR: _______________________
Check course catalogue for the hours required for your minor

GRADUATION EXAMS:
- **EPP Exit Exam.** The EPP assesses four core skill areas — critical thinking, reading, writing and mathematics in a single test. Students are eligible to take the test once 90+ hours are earned.
- **English Competency Exam (ECE).** Students are eligible to take the test once 60+ hours are earned and have completed EH 101 and 102.