

# 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, 203, 204, 231, 232,  
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 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**