CHEMISTRY MAJOR CHECKLIST

PROFESSIONAL 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, EC 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

Chemistry Concentration (18 hrs)
- CY 341 with lab - Physical Chemistry I (4)
- CY 342 with lab - Physical Chemistry II (4)
- CY 411, 412 – Inorganic Chemistry (4)
  <OR>
- CY 362 with lab - Biochemistry (4)
  AND
- CY 421 with lab - Instrumental Analysis (5)
  AND
- CY 490 – Internship (1)
  <OR>
- CY 497 – Senior Research (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.