CHEMISTRY MAJOR CHECKLIST

BIOCHEMISTRY 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 I

**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

Biochemistry Concentration (18 hrs)

- CY 341 with lab- Physical Chemistry (4)
- CY 342 with lab- Physical Chemistry (4)
- CY 362 with lab- Biochemistry (4)
- CY 363 with lab- Biochemistry (4)
- CY 490 – Internship (1) AND CY 492 (1)
  <OR>
- CY 492 – Biochemical Research (1)(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.