CHEMISTRY MAJOR CHECKLIST

BIOCHEMISTRY CONCENTRATION

General Studies Core

<u>Area I</u> – Written Composition (6 hrs)
EH 101 – English Comp I
EH 102 – English Comp II

<u>Area II</u> – 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)

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

<u>Area IV</u> – 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

<u>Area V</u> – 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