

B.S. in Chemistry, Concentration in Medicinal Chemistry

note: this check-sheet is only valid for JSU Catalog Fall 2021-2022 and later

Student: _____

Advisor: _____

Student ID # _____

Catalog Year: _____

First Year Experience (0 hr.)

Not required for transfer students

STU 101 (0) ☐

Area I – Written Comp (6 hrs.)

Select one by placement

EH 101 (3) ☐

EH 102 (3) ☐

EH 103 (3) ☐

EH 104 (3) ☐

EH 105 &

EH 106 &

EH 115 (3) ☐

EH 116 (3) ☐

Area III – Nat. Science & Math (11 hrs.)

A grade of "C" or better is required for CY

CY 105 (3) ☐ CY 107 (1) ☐

CY 106 (3) ☐ CY 108 (1) ☐

MS 113 (3) ☐

**MS 113 is required for PHS 201*

University Core Curriculum

Area II – Hum. & Fine Arts (12 hrs.)

Literature (choose at least one)

EH 201 (3) ☐

EH 219 (3) ☐

EH 202 (3) ☐

EH 220 (3) ☐

EH 203 (3) ☐

EH 231 (3) ☐

EH 204 (3) ☐

EH 232 (3) ☐

#Sequence required in History or Literature

Fine Arts (choose at least one)

ART 111 (3) ☐

DR 242 (3) ☐

ART 112 (3) ☐

EH 251 (3) ☐

ART 202 (3) ☐

FLM 230 (3) ☐

MU 233 (3) ☐

Speech (3 hrs.)

EH 141 (3) ☐

Note: Foreign Language may be used for the remaining 3 hours in Area II.

Area IV – History, Social, & Behavioral Sciences (12 hrs.)

History (choose at least one)

HY 101 (3) ☐ & HY 102 (3) ☐

HY 201 (3) ☐ & HY 202 (3) ☐

HY 111 (3) ☐ & HY 112 (3) ☐

#Sequence required in History or Literature

Social & Behavioral Sciences[†]

(choose at least two)

AN 224 (3) ☐

PSC 100 (3) ☐

EC 221 (3) ☐

PSC 101 (3) ☐

EC 222 (3) ☐

PSY 201 (3) ☐

GY 120 (3) ☐

PSY 222 (3) ☐

GY 220 (3) ☐

SY 221 (3) ☐

SY 223 (3) ☐

Note: Sequence required in history or literature.

12 hours required in Areas II & IV

Chemistry Major Curriculum

A grade of "C" or better is required in biology & chemistry courses.

Support Courses (23 hrs.)

BY 101 (3) ☐ BY 103(1) ☐

BY 102 (3) ☐ BY 104 (1) ☐

BY 322 (4) ☐

MS 204 (3) ☐

PHS 201 (3) ☐ PHS 203 (1) ☐

PHS 202 (3) ☐ PHS 204 (1) ☐

Chemistry Core Courses (12 hrs.)

CY 231 (4) ☐

CY 232 (4) ☐

CY 362 (WI) (4) ☐

Concentration Courses (8 hrs.)

CY 341 (WI) (4) ☐

CY 363 (WI) (4) ☐

Chemistry Electives (Select 13-16 hrs.)

CY 413 (3) ☐ CY 414 (3) ☐

CY 417 (3) ☐ CY 418 (3) ☐

CY 421 (5) ☐ CY 450 (3) ☐

Up to 3 semester hours may be taken from the following: (may duplicate up to 2 hrs. total)

CY 490 (1) ☐ CY 497 (1) ☐

Biology Electives (Select 11-12 hrs.)

BY 320 (3) ☐ BY 323 (4) ☐

BY 373 (4) ☐ BY 403 (4) ☐

BY 434 (4) ☐ BY 450 (4) ☐

General Electives (8-12 hrs.)

Additional coursework for a total of 120 hours is required. Depending upon Concentration courses, Chemistry electives, and biology electives chosen above, be sure to select courses to total 36+ hours at the 300 level or above.

course (hours)

_____ () ☐

_____ () ☐

_____ () ☐

_____ () ☐

_____ () ☐

_____ () ☐

_____ () ☐

Additional Key Benchmarks

Graduation Requirements

120 total hours ☐

30 JSU hours ☐

36 300+ hours ☐

2.0 overall GPA ☐

2.0 JSU GPA ☐

"C" or better in CY courses ☐

"C" or better in BY courses ☐

EPP or CLA assessment ☐

Apply to Graduate ☐

First Destination Survey ☐

Dept. Head Exit Interview ☐

2 Writing Intensive Courses ☐

Additional Suggestions

At the beginning of senior year, contact the School of Science (SOS) Certification Advisor to schedule a Degree Audit to review graduation requirements.

Professional schools require shadowing hours in addition to other extracurricular activities so ***please contact your advisor or the health professions advising committee regularly.***

Professional schools often differ and/or change their pre-requisites, so please ***research the specific schools to which you plan to apply.***