

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.**