B.S. in Biology, Concentration in Organismal Biology
note: this check-sheet is only valid for JSU Catalog 2016-2017 and later

Student: _____   Advisor: _____

Student ID # _____   Catalog Year: _____

University Core Curriculum

First Year Experience (0 hr)
Not required for transfer students
STU 101 (0) ☐

Area I – Written Comp (6 hrs)
EH 101 (3) ☐   EH 102 (3) ☐

Area III – Nat. Science & Math (11 hrs)
A grade of "C" or better is required in BY
BY 101 (3) ☐ & BY 103 (1) ☐
BY 102 (3) ☐ & BY 104 (1) ☐
MS 112 (3)* ☐ or higher: MS ____ ☐
*Two math courses are required for the major. MS 113, MS 125, MS 126, MS 204, and MS 227 are suitable courses. MS 113 is required for PHS 201. MS 125 is required for PHS 211.

Area II – Hum. & Fine Arts (12 hrs)
Literature – *sequence not required*
(6 hrs – choose two)
EH 201 (3) ☐   EH 219 (3) ☐
EH 202 (3) ☐   EH 220 (3) ☐
EH 203 (3) ☐   EH 231 (3) ☐
EH 204 (3) ☐   EH 232 (3) ☐

Fine Arts (3 hrs – choose one)
ART 202 (3) ☐   DR 242 (3) ☐
MU 233 (3) ☐   FL 101 (3) ☐

Speech (3 hrs)
EH 141 (3) ☐

Area IV – History, Social, & Behavioral Sciences (12 hrs)
History (6 hrs – sequence required)
HY 101 (3) ☐ & HY 102 (3) ☐
    or
HY 201 (3) ☐ & HY 202 (3) ☐

Social & Behavioral Sciences
(6 hrs – choose two)
AN 224 (3) ☐   PSC 100 (3) ☐
EC 221 (3) ☐   PSY 201 (3) ☐
EC 222 (3) ☐   PSY 222 (3) ☐
GY 120 (3) ☐   SY 221 (3) ☐
GY 220 (3) ☐

Biology Major Curriculum
A grade of "C" or better is required in biology courses.

Support Courses (30 hrs)
CY 105 (3) & CY 107 (1) ☐
CY 106 (3) & CY 108 (1) ☐
CY 231 (4) ☐
CY 232 (4) ☐
CS 201 (3) ☐
MS 113 (3)* ☐ or higher: MS ____ ☐
PHS 201 (3) ☐ & PHS 203 (1) ☐‡
PHS 202 (3) ☐ & PHS 204 (1) ☐‡
‡PHS 211, 212, 213, & 214 also accepted.

Biology Core Courses (15 hrs)
BY 322 (4) ☐
BY 332 (4) ☐
BY 373 (4) ☐
BY 370 (2) ☐
BY 496 (1) ☐

Group I Course (3-4 hrs – choose one)
BY 403 (3) ☐   BY 445 (4) ☐
BY 412 (4) ☐   BY 473 (4) ☐
BY 413 (4) ☐   BY 478 (3) ☐
BY 434 (4) ☐   BY 479 (4) ☐

Group II Course (4 hrs – choose one)
BY 320 (4) ☐   BY 451 (4) ☐
BY 323 (4) ☐   BY 452 (4) ☐
BY 406 (4) ☐   BY 453 (4) ☐
BY 407 (4) ☐   BY 458 (4) ☐
BY 422 (4) ☐   BY 460 (4) ☐
BY 442 (4) ☐

Biology Electives (8 hrs)
Must be 300+ and $\geq$ 8 hrs total
BY ____ (__) ☐   BY ____ (__) ☐
BY ____ (__) ☐

Additional Key Benchmarks

General Electives (18 hrs)
Additional coursework for a total of 120 hours is required. Depending upon Group I, Group II, and biology electives chosen above, be sure to select courses to total 36+ hours at the 300 level or above.

  course   (hours)
_____ (__) ☐
_____ (__) ☐
_____ (__) ☐
_____ (__) ☐
_____ (__) ☐
_____ (__) ☐
_____ (__) ☐

Graduation Requirements
120 total hours ☐
30 JSU hours ☐
36 300+ hours ☐
2.0 overall GPA ☐
2.0 JSU GPA ☐
"C" or better in BY courses ☐
English Competency Exam ☐
EPP *or* CLA assessment ☐
Apply to Graduate ☐
If not included in BY 496:
Biology MFAT Exam ☐
Dept. Head Exit Interview ☐

Additional Suggestions
Undergraduate research and summer research internships are strongly encouraged to accompany this coursework.

Students pursuing this concentration are encouraged to select biology and general electives from the Group I and II courses listed above.