

Date _____

WORKSHEET for B.S. in MATHEMATICS (MS)
 with a Concentration in Theoretical (TH), Applied (AP), or General (GEN)**

Name _____ Student # _____
 LAST FIRST M.I.
 Concentration _____ Minor _____ # Hrs Completed _____ GPA _____ ECE _____

| COMMON COURSES FOR EACH CONCENTRATION * | | | | | |
|--|-----|---|-----|------------------|-----|
| TH 39 Hrs | GRD | AP 39 Hrs | GRD | GEN 39 Hrs | GRD |
| MS 125< | | MS 125< | | MS 125< | |
| MS 126~ | | MS 126~ | | MS 126~ | |
| MS 227^ | | MS 227^ | | MS 227^ | |
| MS 300 | | MS 300 | | MS 300 | |
| MS 344 | | MS 344 | | MS 344 | |
| MS 352 | | MS 352 | | MS 352 | |
| MS 415 | | MS 415 | | MS 415 | |
| CONCENTRATIONS * | | | | | |
| MS 416 | | MS 304 | | MS 302 | |
| MS 441 | | MS 309 | | MS 305 or 309 | |
| MS 442, 451, 480 or 484 (2courses) | | MS 390 | | MS 323 | |
| MS 300+E (exc. 322) | | MS 416 | | MS 441 | |
| | | MS 403, 404, 451, 480, 484 or 499 (1course) | | MS 475 | |
| SUPPORT COURSES | | | | | |
| CS 230 | | CS 230 | | CS 230 | |
| CS 231 | | CS 231 | | CS 231 | |

<Prereq 125: MS 113 w/B or better or 115 w/C or better or ACT/SAT or placement test
 ~Prereq 126: MS 125 w/C or better
 ^Prereq 227: MS 126 w/C or better
 E = Elective

*** GRADES MUST BE "C" OR BETTER IN MAJ/MIN ONLY**

MUST HAVE PREREQUISITES BASED ON MOST CURRENT CATALOG BEFORE TAKING ANY MCIS COURSE

| PROGRAM OF STUDY CURRICULUM FOR FRESHMAN & SOPHOMORE COURSES 64 HOURS | | |
|--|--|--|
| AREA I – Written Composition – 6 hrs (completed by 80 hrs) | | |
| EH 101 | - | EH 102 - |
| AREA II – Humanities & Fine Arts – 12 hrs | | |
| Literature (2 courses) | 201,202,203,204, 219,220,231,232 | EH - EH - |
| Fine Arts (1 course) | ART 202; DR 242; MU 233; FL 101 | - |
| Speech | | EH 141 - |
| AREA III – Natural Science & Mathematics – 13-14 hrs | | |
| Science | | PHS 211 - PHS 213 - PHS 212 - PHS 214 - |
| | PHS 211/213 & 212/214 | |
| Math (completed by 80 hrs) | | MS 113/115/125 - |
| AREA IV – History, Social & Behavioral Sciences – 12 hrs | | |
| History (1 sequence) | HY 101 & 102 or HY 201 & 202 | HY - HY - |
| Social & Behavioral (2 courses) | | - |
| | AN 224; EC 221, 222; GY 120, 220; PSC 100; PSY 201, 222; SY 221 | - |
| AREA V – Major Support/Electives – 20-21 hrs | | |
| | MS 125> | |
| | MS 126 | |
| | MS 227 | |
| | CS 230 | |
| | CS 231 | |
| | Electives | |
| > If not taken in Area III or MCIS elective | | |

OTHER REQUIREMENTS

64 hrs at 4-yr institution
 52 hrs at 300+ Overall 12 hrs at 300+ in Major at JSU
 32 hrs at JSU Overall 6 hrs at 300+ in Minor at JSU
 EXIT TESTS: ECE (attempted by 80 hrs; completed by 96 hrs);
 CBASE; MFT

Requirements for Admission to College of Arts & Sciences (CAS)
 Prior to admission to a degree program in CAS & prior to enrollment in any 300+ level coursework beyond 80 hrs, the student must meet the following criteria:

- A minimum overall 2.0 GPA for the first 80 semester hrs;
- English 101 & 102, or official transfer equivalents, must be successfully completed by 80 hrs;
- English Competency Exam (ECE) must be attempted by 80 hrs; failure to complete successfully by 96 hrs voids the student's admission into the College, and no further upper-level coursework may be taken; and
- All math requirements for Area III must be successfully completed by 80 hrs.

**See Catalogue for detailed requirements plus requirements for admission to the College of Arts and Sciences