**2018- 2019**

# Middle School Education Gr 4-8
# Mathematics Education Concentration

**Code: BS_EDMD EDMA** **Bachelor of Science**

**Freshman Year**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| EDCI | 100 | Orientation to Teacher Educ. | 2 | EDFL | 201 | Teaching, Learning, and Growth | 3 |
| EDFL | 106 | Introduction to Education | 3 | ENGL | 102 | Writing/Research About Culture | 3 |
| ENGL | 101 | Intro. to Academic Writing | 3 | MATH | 105 | Applied College Algebra | 3 |
| GEOG | 103 | World Geography | 3 | HIST | 221/222 | United States To/Since 1877 | 3 |
| MATH | 117 | Number Sense PK-8 Teacher | 3 | Science Elective | | BIOL; CHEM; GEOL; PHYS | 3 |
| UNIV | 100 | First Year Seminar | 3 | | | | 15 |
| | | | 17 | | | | |

**MUST TAKE AND PASS PRAXIS CORE ACADEMIC SKILLS OR HAVE AN ACT OF 22 OR HIGHER**

**Sophomore Year**

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|---|---|---|---|---|---|---|---|
| ENGL | 352 | English Grammar & Usage | 3 | CHEM | 212 | Survey of Chem. for Ed. Major | 3 |
| GEOL | 225 | Introduction Earth Science | 3 | GEOG | 310 | United States and Canada | 3 |
| HIST | 101/102 | World Civilization I or II | 3 | MATH | 317 | Prob., Stat., & Number Systems | 3 |
| MATH | 217 | Geom. & Measurement PK-8 | 3 | STAT | 214 | Elementary Statistics | 3 |
| PHYS | 213 | Conceptual Physics | 3 | Elective[3] | | ENGL 201, 202, 205, or 206 | 3 |
| Elective[1] | | Focus Area Course | 3 | | | | 15 |
| | | | 18 | | | | |

**AFTER YOU COMPLETE 45 HOURS APPLY FOR TEACHER DEGREE PROGRAM (UPPER DIVISION)**

**Junior Year**

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|---|---|---|---|---|---|---|---|
| EDCI | 427 | Teaching in a Diverse Society | 3 | BIOL | 206 | Biology for Elem. Ed. Majors | 3 |
| HLTH | 313 | School Health Ed. Strategies | 4 | EDCI | 439 | Classroom Mgmt. Middle School | 3 |
| IRED | 320 | Technology in the Classroom | 3 | EDCI | 352 | Middle School Math Methods | 3 |
| Elective[4] | | Fine Arts | 3 | EDFL | 456 | Classroom Assessment | 3 |
| SPED | 391 | Foundations Inclusive Educ. | 3 | READ | 410 | Teaching Content Literacy | 3 |
| | | | 15 | MATH | 327 | Prob. Reasoning/Solving | 4 |
| | | | | | | | 19 |

**TAKE PRAXIS CONTENT/PLT**

**Senior Year**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Elective [2] | | EDCI Methods 2nd Area | 3 | EDCI | 478 | Student Teaching in Middle Sch. | 9 |
| PSYC | 312 | Adolescent Psychology | 3 | EDCI | 440 | Reflections & Prof. Growth | 1 |
| READ | 411 | Assess/Prescript.Reading | 3 | | | | 10 |
| CMCN | 100/310 | Human Comm./Pub. Speaking | 3 | | | | |
| Elective[1] | | Focus Area Course | 3 | | | | |
| Elective[1] | | Focus Area Course | 3 | | | | |
| EDCI | 400 | Phase I Residency | 0 | | | **Total Credits:** | **128** |
| | | | 18 | | | | |

1 Additional required focus area courses-Choose one area: English, Science, or Social Studies -see next page.

2 Students must complete an EDCI methods course in the second focus area of choice: Middle School English Methods-EDCI 422 is offered each Spring semester. Middle School Social Studies Methods-EDCI 424 and Middle School Science Methods-EDCI 423 are offered each Fall semester.

3 Select a ENGL "Literature" course from ENGL 201, 202, 205, or 206.

4 Fine Arts- Choose from: DANC 101, 102, 113, 114; DSGN 121; MUS 104, 105, 106, 108, 109, 321, 322, 323, 324, 325, 326, 360, 364; THEA 161, 262; VIAR 120, 121, 122

**NOTE:** Students must earn at least an overall 2.5 Cumulative GPA and at least a 2.5 Cumulative GPA in all major courses to graduate in this program.

**Praxis Exam Requirements:** Students must pass the Praxis Core Academic Skills for Educators: Reading, Writing, and Mathematics or submit an ACT composite score of 22 or higher. Students must also pass the Praxis Middle School Mathematics: Content Knowledge (5169) and the Principles of Learning and Teaching: Grades 5-9 (5623) prior to Student Teaching.

**NOTE:** Highlighted course llisted in each focus area below are already required in the Middle School Curriculum.

| Concentration Area[1] *Select a course from one area | Focus Area Required Courses |
|---|---|
| **ENGLISH (21 credits)**<br><br>(9 additional credits) | **Freshmen Core: (6 credits)**<br>ENGL 101 (3) Introduction to Academic Writing<br>ENGL 102 (3) Writing and Research About Culture<br>**Literature (6 credits = 1 Literature Course + ENGL 290)**<br>ENGL 201 or 202 (3) British Literature I or II **OR**<br>ENGL 205 or 206 (3) American Literature I or II<br>ENGL 290 (3) Introduction to Literary Studies<br>**Writing (3 credits)**<br>ENGL 355 (3) Advanced Writing for Teachers<br>**Grammar (6 credits)**<br>ENGL 352 (3) English Grammar and Usage<br>ENGL 353 (3) Advanced English Grammar<br><br>**Middle School Methods[2]**<br>EDCI 422 Middle School English Methods |
| **SCIENCE (21 credits)**<br><br>(9 additional credits) | **Biology: (6 credits)**<br>BIOL 206 (3) Biology for Elementary Teachers<br>BIOL 304 (3) Plants and Human Affairs<br>**Chemistry: (3 credits)**<br>CHEM 212 (3) Survey of Chemistry for Education Majors<br>**Geology: (6 credits)**<br>GEOL 106 or 110 (3) Earth History or Dinosaurs<br>GEOL 225 (3) Introduction to Earth Science<br>**Physics: (6 credits)**<br>PHYS 160 or 170 (3) Astronomy of/beyond the Solar System<br>PHYS 213 (3) Conceptual Physics<br><br>**Middle School Methods[2]**<br>EDCI 423 Middle School Science Methods |
| **SOCIAL STUDIES (21 credits)**<br><br>(9 additional credits) | **History: (9 credits)**<br>HIST 101 or 102 (3) World History I or II<br>HIST 221 or 222 (3) United States History To/Since 1877<br>HIST 307 (3) Louisiana History<br>**Geography: (6 credits)**<br>GEOG 103 (3) World Geography<br>GEOG 310 (3) United States and Canadian Geography<br>**Economics: (3 credits)**<br>ECON 300 (3) Fundamentals of Economics<br>**Political Science: (3 credits)**<br>POLS 110 (3) American National Government<br><br>**Middle School Methods[2]**<br>EDCI 424 Middle School Social Studies Methods |