

**College of Basic and Applied Sciences  
Upper Division Form 2018-2019**

Student name \_\_\_\_\_ Student # \_\_\_\_\_  
 Major Concrete Industry Management Minor Business Administration  
 Concentration Production Sales & Service

**Instructions: For students graduating in Fall 2018 or later. One (1) copy signed by major and minor advisors should be filed with the Graduation Analyst in DSB 120 three semesters prior to graduation. An Intent to Graduate form must be submitted with this form.**

| General Studies Area  | Course                         | Semester | Grade | Notes   | Credit Hours |
|---|--------------------------------|----------|-------|---|--------------|
| <b>COMMUNICATION</b> (9 hours)  | ENGL 1010                      |          |       |   | 3            |
|   | ENGL 1020                      |          |       |   | 3            |
|   | COMM 2200                      |          |       |   | 3            |
| <b>HISTORY</b> (6 hours)<br>Choose two: HIST 2010, HIST 2020, HIST 2030   |                                |          |       |   | 3            |
|   |                                |          |       |   | 3            |
| <b>HUMANITIES AND/OR FINE ARTS</b> (9 hours)<br>Choose 1: ENGL 2020, 2030 or HUM 2610. Choose 2 with different prefixes: ANTH 2210, ART 1030, 1910, or 1920, DANC 1000, HIST 1010, 1020, 1110, or 1120, MUS 1030, PHIL 1030, THEA 1030  |                                |          |       |   | 3            |
|   |                                |          |       |   | 3            |
|   |                                |          |       |   | 3            |
| <b>MATHEMATICS</b> (3 hours required for General Studies)<br><b>MATH 1630 (3 hour credit) or MATH 1720 (3 hour credit)</b>  |                                |          |       |   | 3            |
| <b>NATURAL SCIENCES</b> (8 hours)   | CHEM 1010/1011 or CHEM 1110/11 |          |       |   | 4            |
|   | GEOL 1030/31 or GEOL 1040/41   |          |       |   | 4            |
| <b>SOCIAL/BEHAVIORAL SCIENCES</b> (6 hours)<br>Choose two: <b>ECON 2410, PSY 1410, AAS 2100, ANTH 2010, ECON 2420, EMC/JOUR/RIM 1020, GEOG 2000, GS 2010, HLTH 1530/31, PS 1010 or 1005, RS 2030, SOC 1010 or 2010, WGST 2100</b><br><b>(Courses in bold are recommended)</b> |                                |          |       |   | 3            |
|   |                                |          |       |   | 3            |
| <b>Hours Required</b>   |                                |          |       |   | <b>41</b>    |
| Concrete & Construction Core  | Course                         | Semester | Grade | Notes   | Credit Hours |
| <b>Introduction to Concrete &amp; Construction Industry</b> (Formerly CIM 1010)   | CCM 1010                       |          |       |   | 1            |
| <b>Plan Reading</b> (Formerly CIM 2050)   | CCM 2050                       |          |       |   | 2            |
| <b>Concrete &amp; Construction Law</b> (Formerly CMT 4010)  | CCM 4010                       |          |       | *Spring or summer only                                    | 3            |
| Concrete Industry Management Core   | Course                         | Semester | Grade | Notes   | Credit Hours |
| <b>Fundamentals of Concrete: Properties &amp; Testing</b>   | CIM 3000                       |          |       | pre req: CIM1010 and CHEM                                 | 4            |
| <b>Concrete Construction Methods</b>  | CIM 3050                       |          |       | pre-req: CIM 3000   | 3            |
| <b>Understanding the Concrete Construction System</b>   | CIM 3060                       |          |       | pre-req: CIM3000  | 3            |
| <b>Applications of Concrete in Construction</b>   | CIM 3100                       |          |       | pre-req: CIM3050  | 3            |
| <b>Concrete Industry Internship</b>   | CIM 3300                       |          |       | pre-req: CIM3000  | 6            |
| <b>Concrete Problems: Diagnosis, Prevention, &amp; Dispute Resolution</b>   | CIM 4150                       |          |       | pre-req: CIM3100  | 3            |
| <b>Senior Concrete Lab</b>  | CIM 4200                       |          |       | pre-req: CIM3000 and senior standing; taken last semester | 2            |
| <b>Capstone</b>   | CIM 4910                       |          |       | pre req: CIM3300 and senior standing; taken last semester | 3            |
| <b>Architectural Computer-Aided Drafting &amp; Design</b>   | CMT 3320                       |          |       | pre-req: ET 2310; jr. sr. standing                        | 3            |
| Production, Sales, & Service Concentration  | Course                         | Semester | Grade | Notes   | Credit Hours |
| <b>Management of Concrete Products: Ordering &amp; Delivering</b>   | CIM 4050                       |          |       | Pre req: CIM 3100   | 3            |
| <b>Management of Concrete Products: Production Facilities</b>   | CIM 4060                       |          |       | Pre req: CIM 3100   | 3            |
| <b>Concrete Mixture Design</b>  | CIM 4300                       |          |       | Pre req: CIM 3100   | 2            |
| <b>Intro to Operations Management OR Supply Chain Operations</b>  | ET 3910 or MGMT 3620           |          |       | Pre req: jr standing                                      | 3            |
| <b>Engineering Safety</b>   | ENGR 3920                      |          |       |   | 3            |
| <b>Hours Required</b>   |                                |          |       |   | <b>50</b>    |

| Supporting and Elective Courses                             |          |       |       |              |
|---|----------|-------|-------|--------------|
| Course  | Semester | Grade | Notes | Credit Hours |
| Choose 1: PSY 3020, BIA 2610 or MATH 1530                   |          |       |       | 3            |
| Electives ( Choose from approved Cognate list; See Advisor) |          |       |       | 8            |
|   |          |       |       |              |
|   |          |       |       |              |
|   |          |       |       |              |
| <b>Hours Required</b>                                       |          |       |       | <b>11</b>    |

| Business Administration Minor (2.0 GPA required)   |                      |       |  |              |
|--|----------------------|-------|--|--------------|
| Course   | Semester             | Grade | Notes                                    | Credit Hours |
| Survey of Accounting for General Business / ACTG 3000                                    |                      |       | College level math, ENGL 1010, sophomore | 3            |
| Legal Environment of Business / BLAW 3400 or Commercial Law / BLAW 3430                  |                      |       | junior standing                          | 3            |
| Choose 1: Principles of Financial Management / FIN 3000 or Business Finance / FIN 3010   |                      |       | junior standing                          | 3            |
| Choose 1: Computer Orientation / CSCI 1150 or Introduction to Microcomputing / INFS 2200 |                      |       |  | 3            |
| Principles of Management / MGMT 3610   |                      |       | junior standing                          | 3            |
| Principles of Marketing / MKT 3820   |                      |       | junior standing                          | 3            |
| <b>Hours Required</b>  |                      |       |  | <b>18</b>    |
| <b>Signed:</b>   |                      |       |  |              |
|  | <b>Minor Advisor</b> |       |  | <b>Date</b>  |

| Optional 2 <sup>nd</sup> Minor |                      |       |       |              |
|--------------------------------|----------------------|-------|-------|--------------|
| Course                         | Semester             | Grade | Notes | Credit Hours |
|                                |                      |       |       |              |
|                                |                      |       |       |              |
|                                |                      |       |       |              |
|                                |                      |       |       |              |
|                                |                      |       |       |              |
| <b>Hours Required</b>          |                      |       |       |              |
| <b>Signed:</b>                 |                      |       |       |              |
|                                | <b>Minor Advisor</b> |       |       | <b>Date</b>  |

- Degrees require a minimum of 120 semester hours (12 of the last 18 at MTSU) with a 2.0 GPA, a minimum of 42 upper-division hours (30 at MTSU) with a 2.0 GPA, and a minimum of 60 senior college hours.
- Learning Support courses do not count toward the 120-hour requirement or cumulative degree GPA.

|                |                      |  |  |             |
|----------------|----------------------|--|--|-------------|
| <b>Signed:</b> |                      |  |  |             |
|                | <b>Major Advisor</b> |  |  | <b>Date</b> |