**PROGRESSION FLOWCHART: Masters of Science in Architectural Engineering (To be ABET accredited as as Masters Degree)**

1A  COM1103 English Composition
    LLT1213 World Masterpieces 1
    LLT1223 World Masterpieces 2
    LDR2001 Leadership Models & Prac

2A  COM3000 Writing Proficiency Exam
    SSCE2423 Development American Exp

2B  ECE3013 Statics
    ECE3013 Mechanics of Materials - CE

3A  ECE3013 Statics
    EGE2013 Electromagnetism

3B  ECE3013 Statics
    ECE3723 Theory of Structures

4A  ECE 4743 Concrete Design
    ECE4753 Steel Design

4B  Minimum GPA of 3.0 required for entry into Masters status

5A  ECEXXX3 Infrastructure Cost Management
    ECEXXX3 Advanced Structural Sys

5B  EAE5XX3 Building Controls & Instrumentation
    EAE5XX3 Alternative Energy Solutions

**KEY:**
- **Arch Class Existing or New:**
  - 1: Placement Exam Required
  - 2: Prerequisite LDR2001
  - 3: Indicates a Pre-Requisite Class
  - 4: Indicates a Co-Requisite Class
  - 5: New Undergrad Course
  - 6: Existing Undergrad Course
  - 7: Existing Graduate Course
  - 8: New Graduate Course
- **Other Recommended but Not Required Classes:**
  - 1: Geology
  - 2: Soil Mechanics
  - 3: Dynamics
  - 4: Ethics & Professional Issues

Minimum GPA of 3.0 required for entry into Masters status

**NOTE:** Classes designated with XXX are currently under development. Additional information and course descriptions will be available on ltu.edu.