

**Materials Mechanics
PhD Qualifier Format
12-Feb-2018**

Requirements:

1. Earn a B or better grade on Materials Mechanics PhD Core Courses
2. Earn a GPA average of 3.5 or better on Materials Mechanics PhD Core Courses

Core Course Requirement	Term
ME 570 Structure-Property Relationships in Materials (4)	Fall
ME 524 Finite Element Modeling Of Mechanical Engineering Systems (3) or ME 553 Structure And Mechanics Laboratory (4)	Spring Winter
ME 521 Linear Elasticity (4) or ME 523 Advanced Stress Analysis (4)	Winter Winter
ME 520 Applied Stress Analysis (4)	Fall
ME 584 Advanced Fracture of Materials (4)	Fall

Process:

- A. The above requirements must be met by the end of the 2nd Winter term after entering the PhD program
- B. Courses can be retaken as needed prior to the deadline stated above
- C. The Materials Mechanics faculty will meet the first week of each Spring term to review the academic record of each student applying for candidacy into the ME PhD Materials Mechanics program. The student must submit a draft Program of Study for their PhD program as part of the evaluation process. The faculty will make a recommendation on PhD candidacy based on the GPA requirement above and will make formal recommendations on any additional coursework that might be needed.