Structures-Track MS & Ph.D. Requirements

The requirements of the structures-track MS program, including MS-PhD track, terminal MS, and BS/MS are as follows:

(1) **Seven** required courses to be taken within the department:
   1. CIVE 605 Advanced Mechanics of Materials I (fall)
   2. CIVE 606 (790) Advanced Mechanics of Material II (winter)
   3. CIVE 701 Structural Analysis I (fall)
   4. CIVE 702 Structural Analysis II (winter)
   5. CIVE 703 Structural Analysis III (spring)
   6. CIVE 801 Dynamics of Structures I (fall)
   7. CIVE 802 Dynamics of Structures II (winter)

(2) **Two** approved math courses from the following list:
   1. MEM  591 Applied Engineering Analysis Methods I
   2. MEM  592 Applied Engineering Analysis Methods II
   3. MEM  660 Theory of Elasticity I
   4. MEM  661 Theory of Elasticity II
   5. MEM  681 Finite Element Methods I*
   6. MEM  682 Finite Element Methods II*
   7. MATE 535 Numerical Engineering Methods*
   8. MATH 507 Applied Mathematics I
   9. MATH 508 Applied Mathematics II
   10. MATH 510 Applied Prob. & Statistics I
   11. MATH 511 Applied Prob. & Statistics II
   12. MATH 520 Numerical Analysis I
   13. MATH 521 Numerical Analysis II
   14. MATH 544 Advanced Engineering Math I
   15. MATH 545 Advanced Engineering Math II
   16. MATH 610 Advanced Prob. & Statistics I
   17. MATH 611 Advanced Prob. & Statistics II

(3) **Six** approved electives (including thesis credits if applicable)