

## **Prerequisite Coursework for Admission to the MAT Program: Physics Endorsement**

**Is a degree in Science required?** Applicants must hold a baccalaureate degree with a major in the endorsement area (or coursework equivalent to a major in the endorsement area). Majors not aligned directly with endorsement areas will be evaluated and aligned.

**The ideal candidate will have satisfied the following requirements:**

- Calculus-based General Physics: one year, with lab
- Modern Physics with lab
- Computational Physics
- Classical mechanics
- Thermodynamics
- Mathematical Methods for the Physical Sciences
- Quantum Physics
- Electricity and Magnetism
- Calculus
- Linear Algebra

*Note- Some Engineering Degrees align well with Physics. Some do not.*

**Are there other requirements besides coursework that need to be met, specific to your discipline?** Each science endorsement area has its own requirements. Candidate's transcripts will be evaluated for a best fit if they do not hold a degree in one of the four science endorsement areas.