

JHU/EP ENGINEERING MANAGEMENT REQUIREMENTS, SPECIALITY TRACKS, AND PREREQUISITES: (JULY 2020)

Ten courses are required for the EM degree, they must be completed within five years. The curriculum consists of five core courses and five courses from the selected track.

Five Core Courses are required:

- 595.660 - Planning and Managing Projects**
- 595.662 - Technical Organization Management**
- 595.665 - Strategic Communications in Technical Organizations**
- 595.676 – Finance, Contracts, and Compliance for Technical Professionals**
- 595.781 – Executive Technical Leadership**

Fifteen Specialty Tracks are offered. The student must take five courses in their chosen track. The requirements vary between tracks and the student should consult the Engineering Management webpage, <https://ep.jhu.edu/programs-and-courses/programs/engineering-management> for specific information. All courses must be approved by the respective track advisor.

The EM tracks are:

- Applied and Computational Mathematics
- Applied Biomedical Engineering
- Applied Physics
- Civil Engineering
- Computer Science
- Cybersecurity
- Data Science
- Electrical and Computer Engineering
- Information Systems Engineering
- Materials Science & Engineering
- Mechanical Engineering
- Structural Engineering
- Space Systems Engineering
- Systems Engineering
- Technical Leadership

- **Electives:** There are no elective options for the EM core courses.
- Check the **website**, <https://ep.jhu.edu/>, for course offerings each semester. Enroll early as many of the courses will fill.
- Course offerings vary by semester or format
- Courses are subject to **cancellation** for insufficient enrollment. Consult the course schedule online each semester. If a course you planned to take is not listed in this schedule, consult your advisor.
- **Virtual Live** courses are held at APL. See EP website for format description at <https://ep.jhu.edu/programs-and-courses/program-pathways/on-site>
- As of summer 2018, all 400-level EP courses will be renumbered to 600-level (e.g., 595.460 will become 595.660). This change will allow EP courses to conform to the JHU Whiting School numbering system.

EM CORE COURSES

Number	Required EM Courses	Prerequisites
595.660	Planning and Managing Projects	None
595.662	Technical Organization Management	595.660
595.665	Strategic Communications in Technical Organizations	595.660
595.676	Finance, Contracts, and Compliance for Technical Professionals	595.660
595.781	Executive Technical Leadership	595.660, 595.662 (or 595.661 or 595.663), 595.676 (or 595.664 or 595.666), 595.665