

# M.S. in Systems Engineering Online

---

Each student is expected to have core knowledge in key areas of systems engineering. The online Master of Science in System Engineering requires a minimum of 30 credit hours, and can be accomplished through the Project Practicum degree. All students are required to complete the following five core courses (15 SCH) with a B average or better and with no more than one C.

Applicants whose degrees are from non-English speaking institutions are required to demonstrate English proficiency. Please consult the Graduate School (<https://www.utep.edu/graduate/future-students/applicant-timelines.html>) website for required scores.

The program is offered online through UTEP Connect. (<https://www.utep.edu/extendeduniversity/utepconnect/>)

## Degree Plan

Code	Title	Hours
<b>Required Courses</b>		
SE 5341	Systems Engr Fundamentals	3
SE 5342	Systems Engr Management	3
SE 5343	Systems Requirements Analysis	3
SE 5344	Sys Intgrtn, Verfctn, & Valdtn	3
SE 5345	Sys Engr Project Practicum	3
<b>Concentration Track</b>		
SE 5346	Systems Architecture & Design	3
SE 5347	Systems Engr Processes	3
SE 5348	Systems Modeling & Simulation	3
<b>Other Courses</b>		<b>6</b>
Completion of the MSSE degree also requires 6 credit hours of graduate courses from the College of Engineering, Science or Business Administration.		
<b>Total Hours</b>		<b>30</b>