Program Requirements
Students must select one of two options (30 semester hours including thesis or 33 semester hours with a comprehensive experience) in completing the M.S. degree. Required core courses include: TEC 445 and 497.

Students must also complete courses selected from the following: TEC 400- and/or 300-level technical courses (if approved for graduate credit) and/or approved courses from other departments and schools. No more than nine hours may be taken in a combination of TEC 400, and 498 general courses. Students may select courses in other departments and schools only by advisement. All master’s degree programs require a minimum of 50 percent of non-thesis credit hours applied to the degree to be 400-level courses or above.

Project Management Sequence:
Option I—Thesis: This 30 hour sequence requires:
- 6 hours: TEC 445 & 497
- 9 hours: TEC 430, 431, and 432
- 6 hours: TEC 499
- 9 hours of electives, selected through advisement

Option II—Non-Thesis: This 33 hour sequence requires:
- 6 hour core: TEC 445 & 497
- 9 hours: TEC 437, 438, & 439
- a comprehensive experience
- 18 hours of electives, selected through advisement

Quality Management and Analytics Sequence:
Option I—Thesis: This 30 hour sequence requires:
- 6 hour core: TEC 445 & 497
- 9 hours: TEC 437, 438, & 439

STEM Education and Leadership Sequence:
Option I—Thesis: This 30 hour sequence requires:
- 6 hour core: TEC 445 & 497
- 9 hours: TEC 423, 424, & 425
- 6 hours: TEC 499
- 9 hours of electives, selected through advisement

Option II—Non-Thesis: This 33 hour sequence requires:
- 6 hour core: TEC 445 & 497
- 9 hours: TEC 423, 424, & 425
- a comprehensive experience
- 18 hours of electives, selected through advisement

Note: Licensed teachers pursue the degree for professional development. Non-licensed students also may pursue the master’s degree in conjunction with other undergraduate courses required for teacher licensure. University requirements for master’s degrees are listed elsewhere in this catalog.

Training and Development Sequence:
Option I—Thesis: This 30 hour sequence requires:
- 6 hour core: TEC 445 & 497
- 9 hours: TEC 406, 407, & 408
- 6 hours: TEC 499
- 9 hours of electives, selected through advisement

Option II—Non-Thesis: This 33 hour sequence requires:
- 6 hour core: TEC 445 & 497
- 9 hours: TEC 406, 407, & 408
- a comprehensive experience
- 18 hours of electives, selected through advisement
Graduate Certificate Programs
Courses completed as a portion of the Department of Technology Graduate Certificate programs may also be counted toward the requirements of the Master of Science in Technology degree. No transfer credit may be counted toward completion of certificates. Students must petition for certificate eligibility.

Note: Students must apply for the certificate before beginning coursework.

Project Management Graduate Certificate
The department offers a graduate certificate in Project Management. This certificate requires successful completion with a grade of B or better in each of TEC 430, 431, and 432. The content for these courses was identified through analysis of the Project Manager’s Body of Knowledge developed by the Project Management Institute (PMI) organization and is consistent with those standards. This is not an advanced Project Management Professional (PMP) certification examination preparation program.

Quality Management and Analytics Certificate
The department offers a graduate certificate in Quality Management and Analytics. This certificate requires successful completion with a grade of B or better in each of the following three courses: TEC 437, 438, and 439.

STEM Education and Leadership Certificate
The department offers a graduate certificate in STEM Education and Leadership. This certificate requires successful completion with a grade of B or better in each of the following courses: TEC 423, 424, and 425. This certificate is not tied to teacher licensure in the State of Illinois.

Training and Development Certificate
This certificate requires successful completion with a grade of B or better in each of TEC 406, 407, and 408. Course content was identified through analysis of American Society for Training and Development (ASTD) and International Board of Standards for Training, Performance and Instruction (IBSTPI) standards and recommendations and is consistent with those recommendations and standards.

Technology Courses:
coursefinder.illinoisstate.edu/directory/tec/
All Courses:
coursefinder.illinoisstate.edu/directory/