Industrial Technology, M.S.

DEPARTMENT

MS in Industrial Technology, M.S.
BS in Industrial Technology, B.S.
BS in Industrial Technology - Agricultural Systems Management Option, B.S.
MN in Industrial Technology, Minor
MN in Precision Agriculture Technology Minor

REQUIREMENTS

Department of Industrial Technology

Master of Science Degree Requirements

The Master of Science in Industrial Technology is a 30-unit program which offers graduate study in both industrial and educational related professional and technical fields. Emphasis is directed toward the attainment of advanced competency in the areas of industrial and technology education as well as manufacturing technology. Through selected courses, within the department and other disciplines, knowledge and experience can be acquired in research and development, management and administration, technological studies, and educational studies that are related to all areas of the field.

Admission Requirements

The Master of Science degree program in Industrial Technology assumes preparation equivalent to a CSU undergraduate major in technology education (industrial arts), industrial technology, or a related field. Students who have not completed a degree in technology education or industrial technology are expected to have completed the following courses or their equivalents prior to enrollment in courses to be applied toward the master's program: IT 52, 74, 114, 115; MATH 11 or DS 71.
Applicants whose preparatory education was principally in a language other than English must earn a minimum TOEFL score of 80.

Classified Standing

A baccalaureate degree is required and an undergraduate major in technology education, industrial technology, or a related field; a 3.0 GPA (last 60 semester units); a 144Q / 140V / 3.0A GRE score; three letters of reference from employers or faculty at the university attended most recently; a personal statement of 500 words or less indicating reasons for pursuing a master's degree; a preadmission consultation session with the department graduate program coordinator. Students lacking in any area with compensating strengths in other areas are encouraged to apply.
Conditional classified standing may be granted to petitioning applicants with a 2.5 to 2.99 GPA (last 60 semester units); GRE scores on file with the university; three letters of reference; and a personal statement of 500 words or less. Students must request classified standing in the program by the semester in which a maximum of 10 units to be used toward the degree are completed.

Program Requirements

Under the direction of a graduate advisor, each student prepares and submits a coherent program individually designed within the following framework:

Specific Requirements

Required courses (15 units)
IT 216, IT 219, IT 223, IT 280, IT 285
Electives in industrial technology or related field (9-12 units)
(approved electives appropriate to individually designed program; a maximum of 6 units may be 100-level courses)
Culminating Experience (3-6 units)
IT 298 or IT 299
Note: Students must enroll in 6 units of IT 299 if choosing the Thesis option.
Total minimum requirements (30 units)
Graduate Advising Notes

1. Upon admission, students should see the department graduate program coordinator for aid in program planning.
2. To progress through the graduate program, students must: (a.) Maintain a minimum 3.0 GPA (b.) Complete all prerequisite coursework (c.) Attain classified standing (d.) Meet the graduate writing skills requirement (e.) File for advancement to candidacy (f.) Complete the program requirements (g.) File a master's thesis or project committee assignment form (h.) Formally present and defend the thesis or project results
3. Classified standing must be achieved by the semester in which students take the 10th program unit. All admission requirements must be met. Students must maintain a 3.0 GPA.
4. Students must meet the university graduate writing competency requirement by passing the writing component of IT 280 or IT 285. Students should complete the writing requirement prior to advancement to candidacy.
5. Advancement to candidacy requires the completion of 9 program units at California State University, Fresno, a minimum GPA of 3.0, meeting the graduate writing skills requirement, and filing a Petition for Advancement to Candidacy a minimum of one semester prior to enrollment in thesis or project and by established deadline.

FACULTY

The faculty are well qualified within their respective areas of instruction and each student is assigned an academic adviser within his or her field of study. The department is recognized for its diversification of faculty representing the makeup of professionals that must interact in the field. Several are recognized for outstanding contributions and leadership within their professions.

For faculty phone numbers and e-mail, see the campus directory.

For more on the faculty, see the faculty pages.
The faculty pages are updated by the department or program.