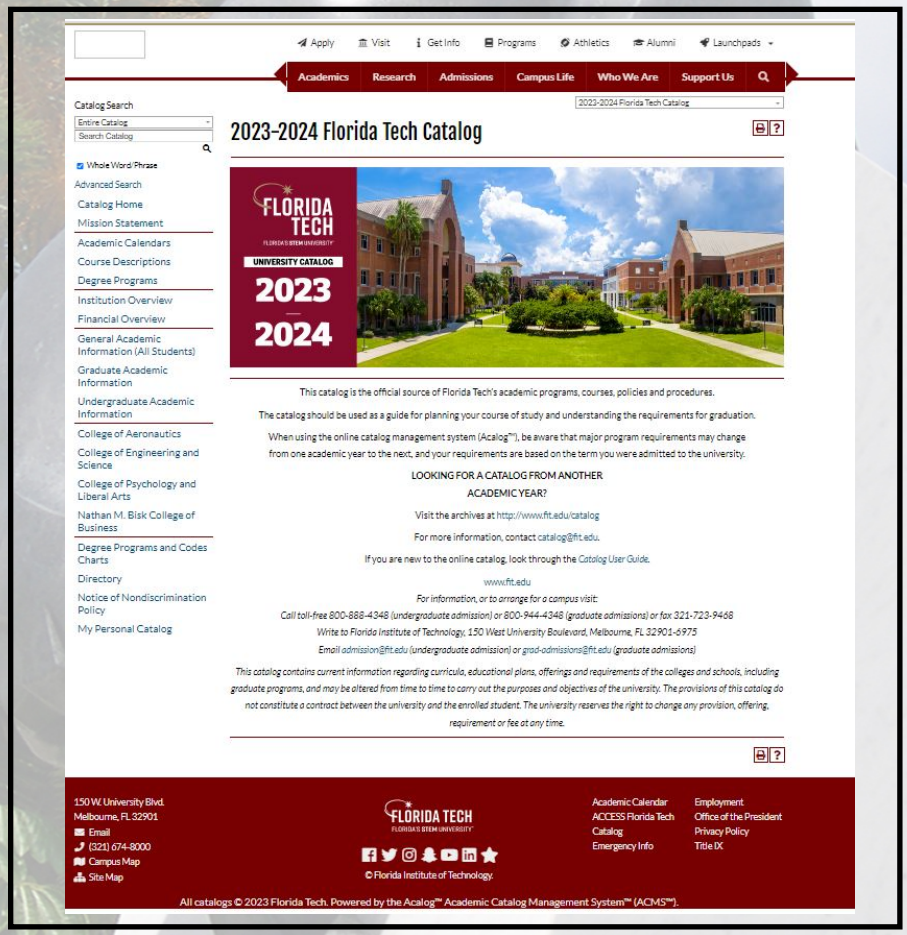
Welcome to the Online Catalog

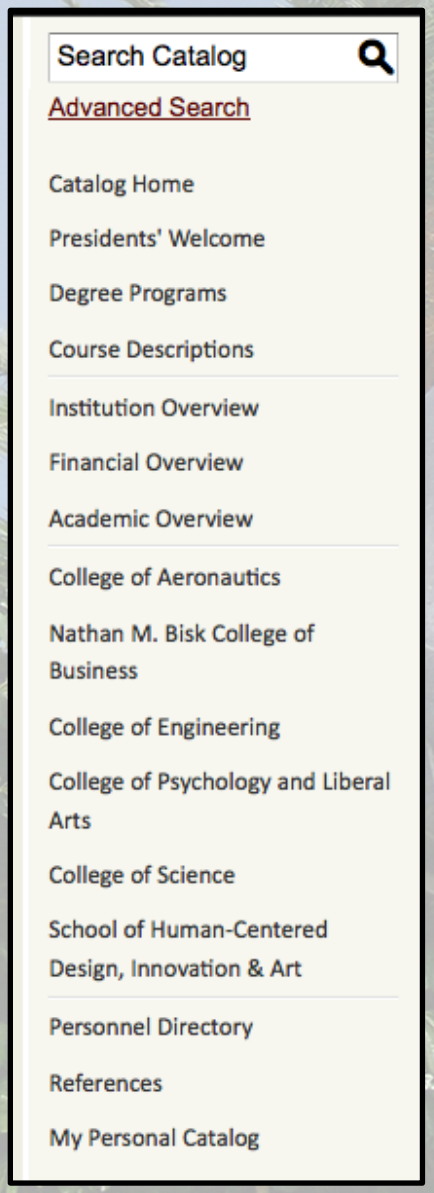
The online catalog management system (*Acalog*™) contains a number of features to assist you, including advanced search options, intuitive navigation and a My Personal Catalog feature to store favorite programs and courses. For more information, contact the catalog editor, catalog@fit.edu.

Florida Institute of Technology

catalog.fit.edu



Florida Institute of Technology



From the catalog home page, you can choose any area you'd like to view: degree programs, college/ school information, course descriptions or your own My Personal Catalog, where you store all those items you'll need to see again.

The series of special icons at the top of the page lets you: print a degree planner, save to My Personal Catalog, share on Facebook or Twitter, send the program to the printer or ask for help.

Florida Institute of Technology

2015-2016 Catalog

Engineering Management, M.S.

Major Code: 8075
Age Restriction: N
Delivery Mode/s: classroom

Degree Awarded: Master of Science
Admission Status: graduate, main campus, Extended Studies
Location/s: main campus, Aberdeen, Hampton Roads, Northeast, Orlando, Patuxent,, Redstone/Huntsville

Admission Materials: 3 letters of recommendation, résumé, objectives, GRE

The Master of Science in Engineering Management meets the professional needs of the engineer who, although working in a technical field, finds it necessary to update his or her skills in engineering, as well as acquire knowledge in the management of other engineers. Typically, engineers find that as they advance in their chosen fields, the challenges of management increasingly play a role in the overall responsibilities of the position. Many find their careers would best be served by a program addressing the management challenges of their job responsibilities. This interdisciplinary program is designed for those individuals.

Admission Requirements

An applicant for the master's program in engineering management should have a bachelor's degree from an ABET-accredited engineering program, though applicants with bachelor's degrees in physical sciences, computer science or mathematics will also be considered. Applicants who have an undergraduate GPA of less than 3.0 on a 4.0 scale may be asked to submit two letters of recommendation, a résumé, a statement of objectives and GRE results. All students are required to have a combined verbal/quantitative GRE score of 300 or higher (using the 130-170 point per part scoring system).

International applicants for whom English is not their primary language must submit paper-based TOEFL scores of 550 (or the equivalent computer- or Internet-based scores) or higher in addition to the GPA requirement.

General admission requirements and the process for applying are presented in the Academic Overview section.

Degree Requirements

The degree requires a minimum of 30 semester credit hours. Students without adequate undergraduate courses in linear and matrix algebra, calculus, probability theory and/or statistics will be required to make up these deficiencies. Courses taken to satisfy these deficiencies or any other admission prerequisites cannot be counted toward the degree requirements. Thesis students must complete a minimum of six semester credit hours of thesis (ENM 5999). More credit hours may be necessary to satisfactorily complete the thesis requirements, but only six may be counted toward the degree requirements. Nonthesis students must pass a final program examination during their final semester before graduation.

General degree requirements are presented in the Academic Overview section.

Curriculum

The master of science degree program consists of a set of required core courses and a set of elective courses as outlined below. Students who are newly admitted to the program must submit a program plan of study and have that program plan approved by their designated advisor and department head before registering for any course to be applied toward graduation requirements. Students must not register for any courses not on their approved program plan without the approval of their advisor and department head. Students pursuing this degree as a second or subsequent graduate degree must complete the change of major process and new program plan at least two semesters before graduation and no later than four weeks after starting the program. Only graduate courses in engineering, physical sciences, computer science or mathematics may be counted as transfer credit from the first graduate degree program.

There are five required core courses that all students must take, as listed below. Nonthesis students must take an additional five elective courses, subject to the restriction shown. Thesis students will substitute six semester credit hours of thesis for two elective courses.

Required Courses

Complete:

- ENM 5100 Quality Engineering
- ENM 5200 Project Engineering
- ENM 5330 Topics in Engineering Operations and Logistics
- ENM 5420 Technology Commercialization Strategies
- ENM 5430 Strategic Situation Analysis Using Game Theory

Elective Courses

A comprehensive list of elective courses is maintained by the department and is available on the department's website. Students must choose the appropriate number of courses from this list (five for nonthesis students and three for thesis students) to meet their elective course requirement.

FLORIDA TECH

View any degree program by navigating to Degree Programs or through the college/school.

Student ID:_____
Student Name:_____
Adviser Name:_____

Catalog: 2015-2016 Catalog
Program: Engineering Management, M.S.
Minimum Credits Required:_____

Engineering Management, M.S.

Major Code: 8075	**Degree Awarded:** Master of Science
Age Restriction: N	**Admission Status:** graduate, main campus, Extended Studies
Delivery Mode/s: classroom	**Location/s:** main campus, Aberdeen, Hampton Roads, Northeast, Orlando, Patuxent,, Redstone/Huntsville
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ENM 5200 Project Engineering			
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ENM 5420 Technology Commercialization Strategies			
ENM 5430 Strategic Situation Analysis Using Game Theory			

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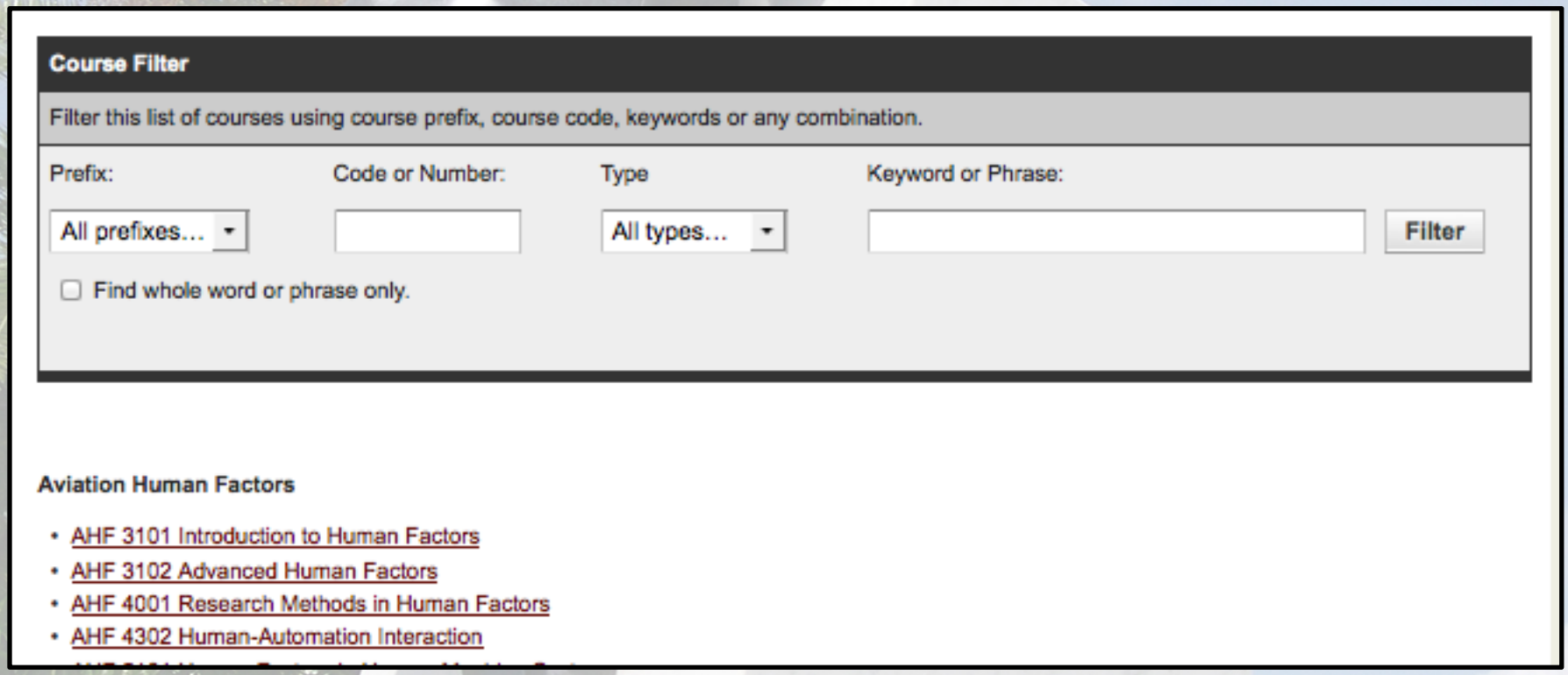
Notes:

Once you can see the degree program, select the icon at the top to print a degree planner.

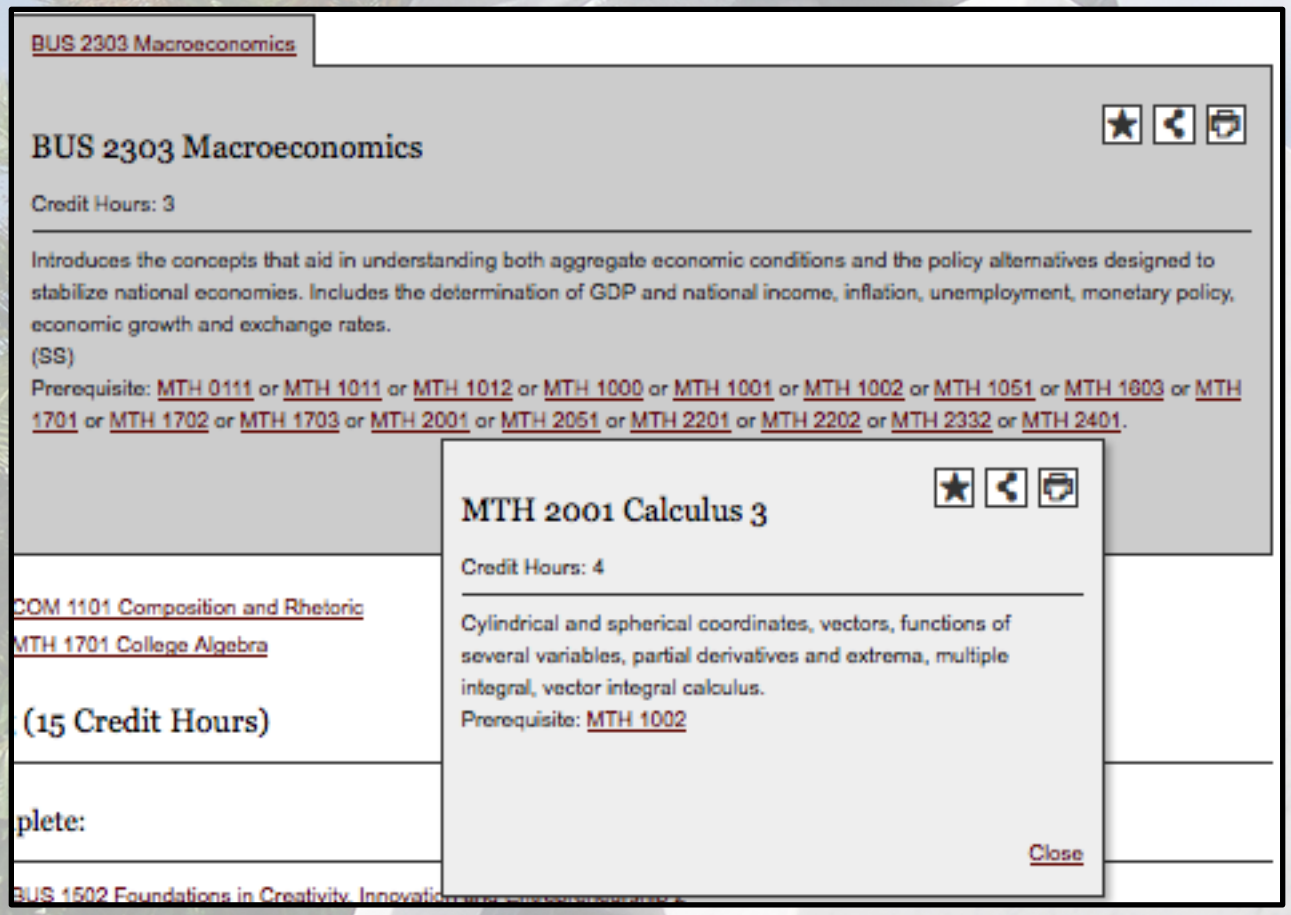
Course Search

- Search by subject, prefix, number or keyword



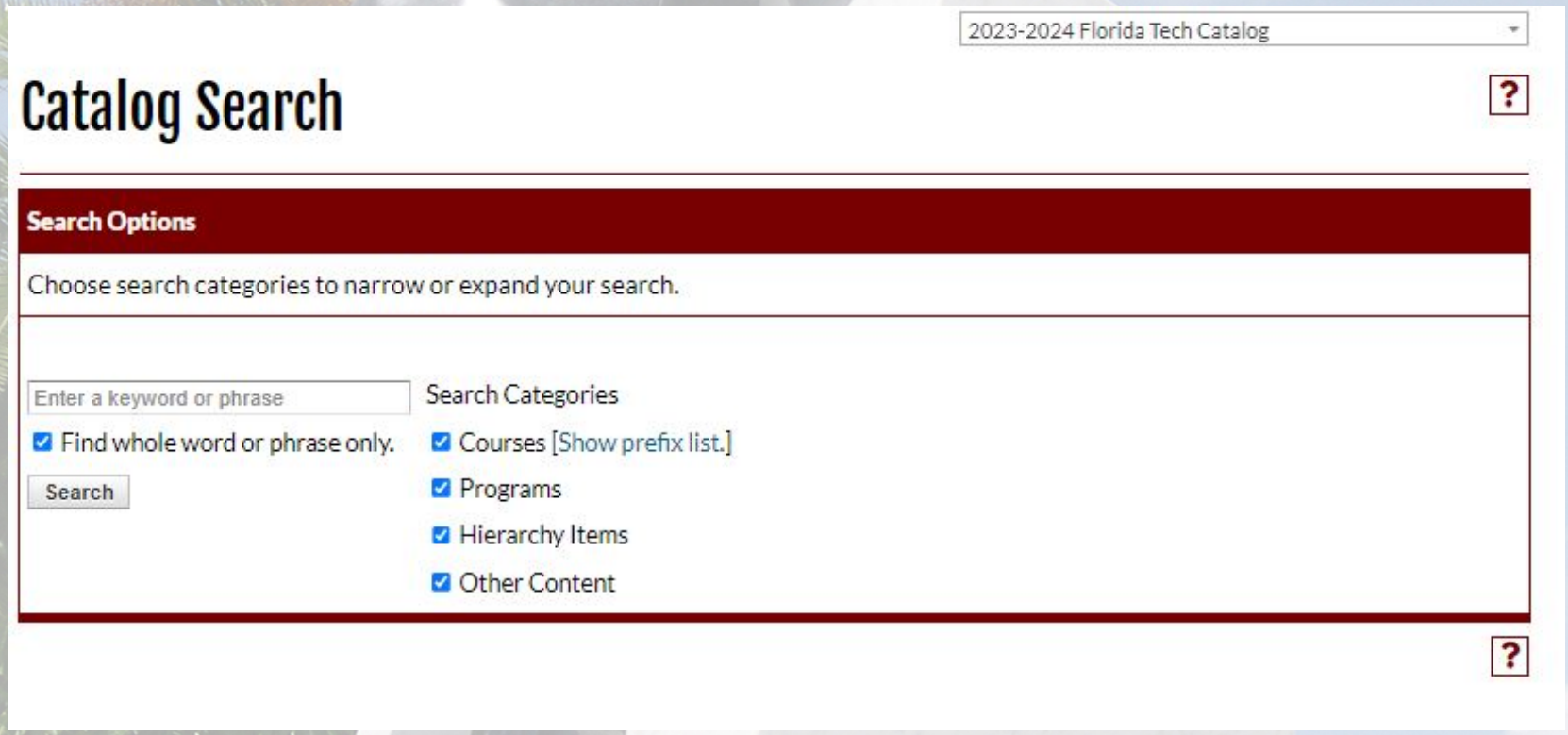
Course Descriptions

- Clicking on a course title opens it to the full description; clicking a second time closes it. Clicking on the prerequisite or corequisite shows that full description.



Advanced Search

- Find what you need by using the advanced search function, giving you the ability to find anything, anywhere in the catalog system.



Frequently Asked Questions

1. **Do I need to log in to the catalog system with my Tracks information?** *No. There is no login to view the catalog, but if you want to use the My Personal Catalog and save your selections, you will be prompted to create an account in the system.*
2. **How do I find out if prerequisites are required for a course?** *You can click on any live course to open its full description, including any prerequisites, corequisites or other restrictions to registration.*
3. **Where can I find the major code?** *The top of the degree program has useful information, including admission requirements, locations where the program is offered and the major code.*