

# **Program of Graduate Studies of Industrial Engineering**

This program offers the degree of Master of Science in Industrial Engineering. The curriculum was designed to provide the student with advanced knowledge in depth and breadth in the area of Industrial Engineering both from academic and applied points of view.

## **Program Objectives**

- Help graduates acquire high qualification and ability to excel and to innovate in the professional life
- Increase the student talents by exposing them to advanced techniques in Industrial Engineering
- Update the student knowledge with the latest pieces of research and modern theories in Industrial Engineering
- Increase student ability to develop industrial systems and technical services
- Support and initiate collaboration between the University and the public and private sectors to increase their productivity and economic competence and to update their industrial systems

## **Tracks**

- Industrial System Engineering
- Manufacturing System Engineering
- Human System Engineering

## **Acceptance Conditions**

### **1. Saudi Students**

- According to article 15 of the unified regulations of graduate studies, an applicant should obtain a cumulative GPA of at least 3.75 out-of 5
- According to the exception given in article 15 of the unified regulations of graduate studies, an applicant may have a cumulative GPA of at least 3.25 out-of 5 and less than 3.75, provided that his cumulative GPA in the specialty courses is at least 3.75 out-of 5
- Students with B. Sc. degrees other than Industrial Engineering must take additional undergraduate courses before pursuing the graduate program. In addition, they must satisfy the above conditions

### **2. For non-Saudi Students**

- Applicants may be accepted under the scholarship program provided that their cumulative GPA is at least 3.75 out-of 5
- At most one student may be accepted each year provided that the total number of students pursuing a Master program at one time does not exceed 3 students

## **Alternative Programs**

There are two options:

1. Courses with Engineering project (without thesis)
2. Courses with thesis

**Credit hours**

- Option of Courses without thesis  
42hours allocated as follows:
  - 27 hours of common courses
  - 12 hours of specialty courses from the track chosen by the student
  - 3 hours of project
- Option of Courses with thesis  
24 hours allocated as follows
  - 18 hours of common courses
  - 6 hours of specialty courses from the track chosen by the student
  - In addition to performing research in terms of a Master Thesis upon successful completion of the courses

**Courses- Description:**