

الخطة الاسترشادية لبرنامج ماجستير الادارة الهندسة

الكلية :	الهندسة	القسم :	الهندسة الصناعية
اسم التخصص العام المندرج وفق تصنيف SASCED	الادارة الهندسة	رمز التخصص العام المندرج وفق تصنيف SASCED	071903
اسم التخصص الدقيق المندرج وفق تصنيف SASCED	الادارة الهندسة	رمز التخصص الدقيق المندرج وفق تصنيف SASCED	071903
اسم البرنامج	ماجستير الادارة الهندسة	مستوى تصنيف البرنامج	المستوى السابع - ماجستير

ماجستير الادارة الهندسية – مسار رسالة

Year / Level	Course Code	Course Title	Required or Elective	Pre-Requisite	Credit
YEAR 1	Level 1	711 INE-4 Advanced Engineering Statistics	Required	NIL	4
	1	7 ** INE-4 Elective (1)	Elective	NIL	4
	Level 2	742 INE-4 Stochastic Operations Research	Required	NIL	4
	2	7 ** INE-4 Elective (2)	Elective	NIL	4
	Level 3	743 INE-4 Design and Statistical Analysis of Experiments	Required	NIL	4
	3	7 ** INE-4 Elective (3)	Elective	NIL	4
YEAR 2	Level 4	744 INE-4 Industrial Quality Management	Required	NIL	4
	4	7 ** INE-4 Elective (4)	Elective	NIL	4
	Level 5	725 INE-4 Advanced Project Management	Required	NIL	4
	5	799 INE-4 Thesis -Phase -1	Required	NIL	4
	Level 6	799 INE-5 Thesis -Phase -2	Required	NIL	5
ELECTIVES	Elective (I)	730 INE-4 Engineering Economics & Sustainability	Elective	NIL	4
		731 INE-4 Supply chain Management	Elective	NIL	4

Year / Level		Course Code	Course Title	Required or Elective	Pre-Requisite	Credit
	Elective (II)	732 INE-4	Advanced Operations Management	Elective	NIL	4
		733 INE-4	Risk Management	Elective	NIL	4
		734 INE-4	Cost Management for Engineering Projects	Elective	NIL	4
		735 INE-4	Advance Human Resource Management	Elective	NIL	4
	Elective (III)	736 INE-4	Productivity Management and Reengineering	Elective	NIL	4
		737 INE-4	Data Analysis Techniques	Elective	NIL	4
		738 INE-4	Lean Manufacturing and Six Sigma	Elective	NIL	4
		739 INE-4	Product Innovation and Development	Elective	NIL	4

Add a table for each track (if any) with without-Thesis

2.Program Courses:

Year / Level		Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours
YEAR 1	Level 1	711 INE-4	Advanced Engineering Statistics	Required	NIL	4
		7 ** INE-4	Elective (1)	Elective	NIL	4
	Level 2	742 INE-4	Stochastic Operations Research	Required	NIL	4
		7 ** INE-4	Elective (2)	Elective	NIL	4
	Level 3	743 INE-4	Design and Statistical Analysis of Experiments	Required	NIL	4
		7 ** INE-4	Elective (3)	Elective	NIL	4
YEAR 2	Level 4	744 INE-4	Industrial Quality Management	Required	NIL	4
		7 ** INE-4	Elective (4)	Elective	NIL	4
	Level 5	725 INE-4	Advanced Project Management	Required	NIL	4
		798 INE-2	Capstone-1	Required	NIL	2
	Level 6	7 **INE-4	Elective (5)	Elective	NIL	4
		798 INE-3	Capstone -2	Required	NIL	3

Year / Level		Course Code	Course Title	Required or Elective	Pre-Requisite Courses	Credit Hours
ELECTIVES	Elective (I)	730 INE-4	Engineering Economics & Sustainability	Elective	NIL	4
		731 INE-4	Supply chain Management	Elective	NIL	4
		732 INE-4	Advanced Operations Management	Elective	NIL	4
	Elective (II)	733 INE-4	Risk Management	Elective	NIL	4
		734 INE-4	Cost Management for Engineering Projects	Elective	NIL	4
		735 INE-4	Advance Human Resource Management	Elective	NIL	4
	Elective (III)	736 INE-4	Productivity Management and Reengineering	Elective	NIL	4
		737 INE-4	Data Analysis Techniques	Elective	NIL	4
		738 INE-4	Lean Manufacturing and Six Sigma	Elective	NIL	4
		739 INE-4	Product Innovation and Development	Elective	NIL	4