Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
MAT262	Linear Algebra II	4	4	0	0	4	7

Prerequisites	
Admission Requirements	

Language of Instruction	French
Course Type	Compulsory
Course Level	Bachelor Degree
Objective	Get to grips with basis Linear Algebra.
Content	Matrices. Reduction of Endomorphisms (diagonalisation, trigonalisation, polynomial of endomorphisms).
References	Algèbre linéaire et bilinéaire, F. Cottet Emard, de Boeck, 2007 ..

Theory Topics

Week	Weekly Contents
1	Reminders of Linear Algebra I
2	Reminders of Linear Algebra I
3	Reduction
4	Diagonalisation
5	Diagonalisation
6	Diagonalisation
7	Mid-term examination
8	Test correction
9	Polynomial of endomorphisms
10	Polynomial of endomorphisms
11	Trigonalisation
12	Trigonalisation
13	Trigonalisation
14	Jordan decomposition