



SC

MATH2120 Algèbre commutative

[30h+15h exercices] 4.5 credits

This course is taught in the 2nd semester

Teacher(s): Jean-François Mertens (supplée Jean-Pierre Tignol), Jean-Pierre Tignol
Language: french
Level: 2nd cycle course

Aims

The course discusses the conceptual bases and methods to study solutions of systems of algebraic equations over the field of complex numbers.

Main themes

The course is an introduction to computational algebra in the ring of polynomials in several indeterminates, with a view toward the fundamental notions of algebraic geometry.

Other credits in programs

MAP22	Deuxième année du programme conduisant au grade d'ingénieur civil en mathématiques appliquées	(4.5 credits)	
MAP23	Troisième année du programme conduisant au grade d'ingénieur civil en mathématiques appliquées	(4.5 credits)	
MATH21/G	Première licence en sciences mathématiques (Général)	(4.5 credits)	Mandatory