

Course description

Course abbreviation:	KMA/ALS	Page:	1 / 2
Course name:	Algebra		
Academic Year:	2023/2024	Printed:	01.06.2024 11:52

Department/Unit /	KMA / ALS			Academic Year	2023/2024
Title	Algebra			Type of completion	State Final Exam
Accredited/Credits	Yes, 0 Cred.			Type of completion	
Number of hours				Course credit prior to	NO
Occ/max	Status A	Status B	Status C	Counted into average	YES
Summer semester	0 / -	0 / -	0 / -	Min. (B+C) students	1
Winter semester	0 / -	0 / -	0 / -	Repeated registration	NO
Timetable	Yes			Semester taught	Summer semester
Language of instruction	Czech			Internship duration	0
Optional course	Yes				
Evaluation scale	1 2 3 4				
No. of hours of on-premise					
Auto acc. of credit	No				
Periodicity	K				
Substituted course	None				
Preclusive courses	N/A				
Prerequisite courses	KMA/ARI and KMA/ALG and KMA/TK				
Meet all prerequisites before registering	NO				
Informally recommended courses	N/A				
Courses depending on this Course	N/A				

Course objectives:

The objective of the State Final Examination in Algebra is to prove that the student has mastered basic algebraic structures and the essentials of the theory of codes K , in particular in relation with other courses. The State Final Examination also aims at testing the culture of mathematical thinking in various algebraic structures.

Requirements on student

Actual and detailed information may be found on WWW server (department of mathematics). Overview of content is given by content of prerequisites.

Content

The State Final Examination is an oral exam held in front of an examining board, and usually takes approximately 30 minutes. The structure of the examination and other requisites of the examination are stated in the Study and Examination Regulations of the University of West Bohemia in Pilsen and by the resolution of the Faculty of Applied Science Dean on the organisation of the State Final Examinations at the faculty. Topics of the State Final Examination are announced by the Department of Mathematics on an annual basis. The subject matter covered is contained within the conditional courses.

Fields of study**Guarantors and lecturers**

- **Guarantors:** Prof. RNDr. Tomáš Kaiser, DSc. (100%)

Literature

- **Recommended:** *Literatura je dána literaturou podmiňujících předmětů./ Literature as required in the conditional courses..*

assessment methods

Knowledge - knowledge achieved by taking this course are verified by the following means:

Oral exam

prerequisite

Knowledge - students are expected to possess the following knowledge before the course commences to finish it successfully:

Student must meet all prerequisites of the study plan.

teaching methods

Knowledge - the following training methods are used to achieve the required knowledge:

Skills demonstration

learning outcomes

Knowledge - knowledge resulting from the course:

By successfully passing the State Final Exam in Algebra, the student proves he/she has sufficiently acquired all knowledge, skills and competence in the area of algebra and theory of codes.

Course is included in study programmes: