| Program | Level First cycle / Second cycle | | | | | | | |
|---|---|---|---|---|---|--|---|--|
| Program | Name of t | he program | Pur | e Mathematics, Mathematics Education | | | | |
| | | | CC | DURSE | | | | |
| Course title | Selected Topics in Algebra | | | | | | | |
| Course code | Semester | Со | urse status | | ECTS | Contact hours | (L+AE+LE) | |
| PMAT 385 | IV | elec | ctive | | 5 | 2+2+0 | | |
| Lecturer | | | | | | | | |
| Course Goals | The goal is to extend the knowledge of the topics studied in the other courses of algebra that students find interesting in the interaction with a professor. | | | | | | | |
| Learning | After finis | hing the cou | rse the stude | nts will extend | the knowl | edge in selected top | ics of algebra | |
| Outcomes | and be able to independently creatively make a research in the interesting topics. | | | | | | | |
| | | | | E CONTENT | | choose the topics fo | | |
| algebraic geome | etry, valuation te some of th | n theory, grad lese topics are | luated structure e studied in th | res, theory of fi e II cycles they | nite fields, | e and non commuta homological method cured in the introduc | ls of algebra | |
| | | | LITE | RATURE | | | | |
| Company, Mass [3] R. Miles: "U [4] D. Eisebun v. 150)", New Y [5] B. J. Fraleig 1989 [6] T. Y. Lam: " [7] M. Krasner, in Pure and App [8] S. Raghvan Fund. Research [9] H. Cartan, S | sachuses, 196 ndergraduate d: "Commut /ork, Springe h: "A First Cour A First Cour M. Vuković: plied Mathem , R. Balwant . Bombay, O S. Eilenberg: | 9 (Ruski prev e Commutativ ative algebra r-Verlag, 199 Course in Abs rse in Noncor "Structure P natics/No. 77 Singh-Sridha xford Univer "Homologica ederreiter: "F | vod: Izdatel'st ve Algebra", L with a view t 6 tract Algebra' nmutative Rin Paragraduées (7, Queen's Un aran: "Homol sity Press, 197 al algebra", Pr inite Fields", J | vo "Mir", Mosk ondon Math. S owards algebrai ', 4th ed., Addis ngs", Springer-V Groupes, Anne iversity, Kingsto ogical Methods '5 inceton University | va, 1972) oc. Studen ic geometr son-Wesley Verlag, Nev aux, Modu on, Ontario in Comm sity Press, 1 y Publishin a semest | y (Graduate Texts in y Publishing Compan v York, 1991 les)" monografija, Q o, Canada, 1987 utative Algebra", T 1956 g Company, London | Mathematic by, New York bueen's Paper data Instute o | |
| | GRAD | | | interviewar wo | | EMARKS | 120 | |
| Criterion | | Maximum points | Minimum points | | N | | | |
| Midterm exams | | 50 | 25 | | | | | |
| Homework assignment | | | | | | | | |
| Project | | | | | | | | |
| Laboratory | | | | | | | | |
| assignments | | | | | | | | |
| I form all more store | | 50 | 25 | 1 | | | | |

Final exam

Total