



Mining Engineering Education at University of Belgrade

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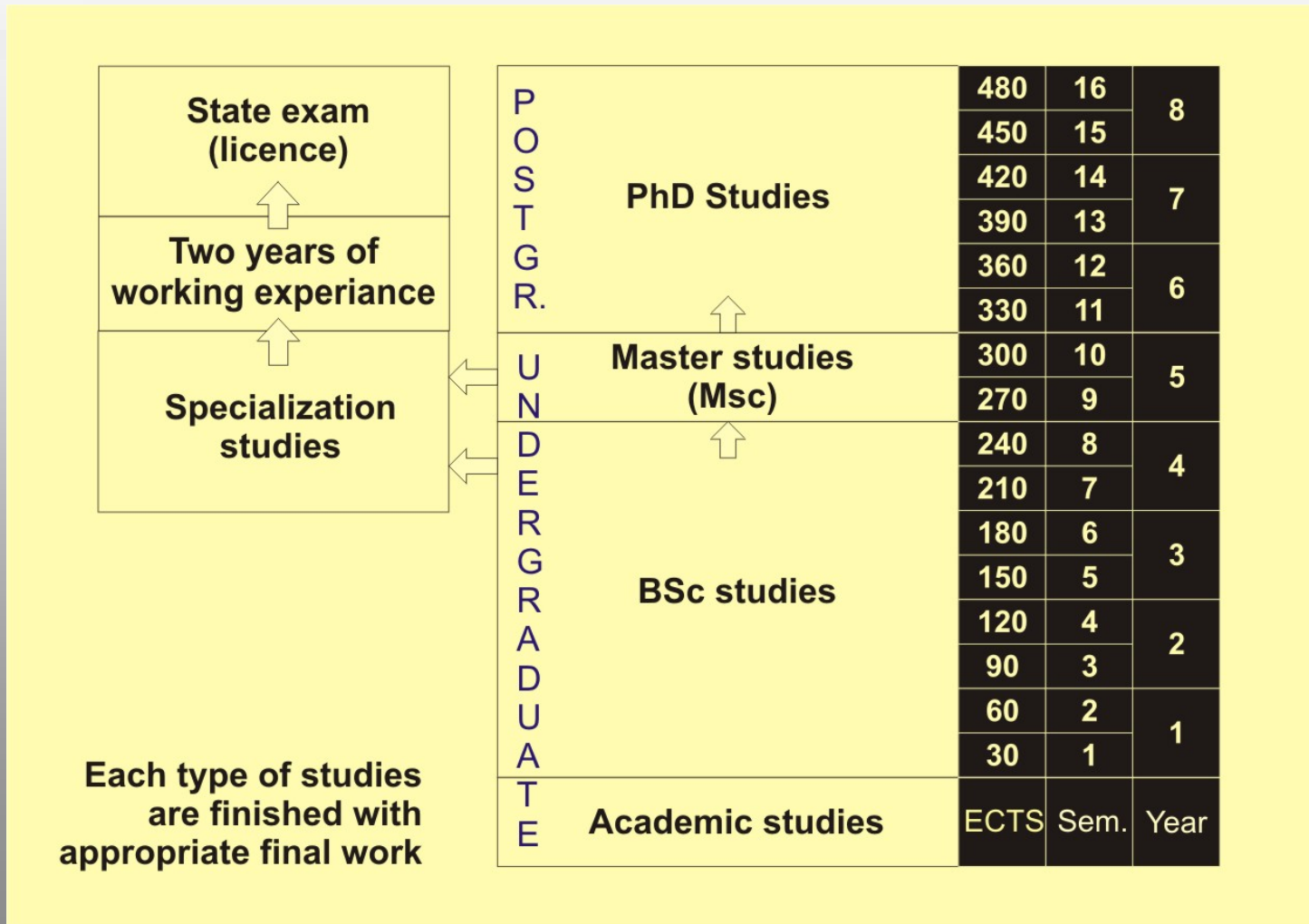
University of Belgrade

Faculty of Mining and Geology

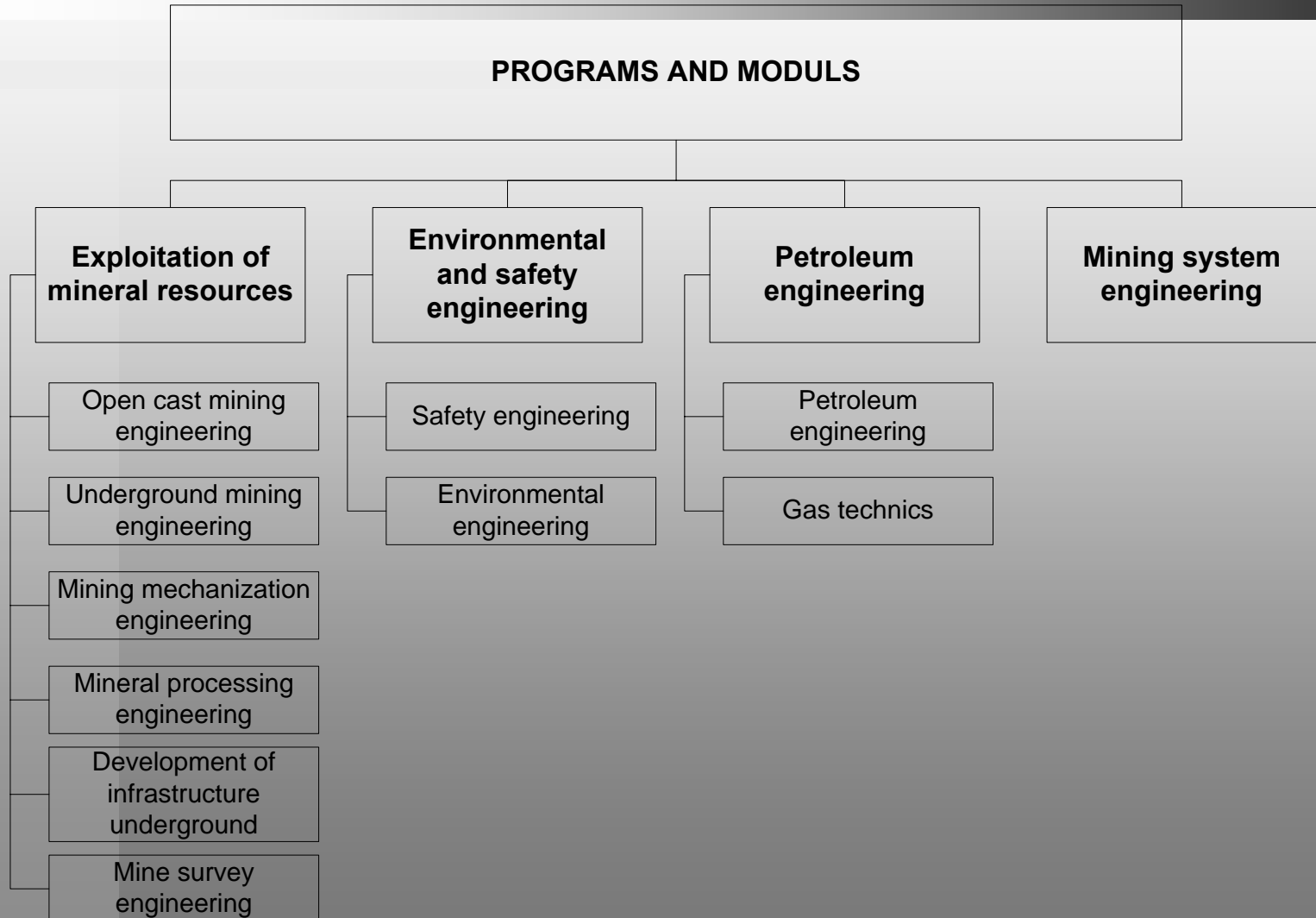
Faculty of Mining and Geology

- **FMG is one of 31 Faculties at the University of Belgrade**
- **Students are educated in Mining Engineering and Geology**
- **Department of Mining Engineering and Department of Geology**
- **Undergraduate studies: BSc (4), MSc (+1)**
- **Postgraduate studies: PhD (3)**

Structure of the Studies at FMG



Study Programs at Department of Mining Engineering

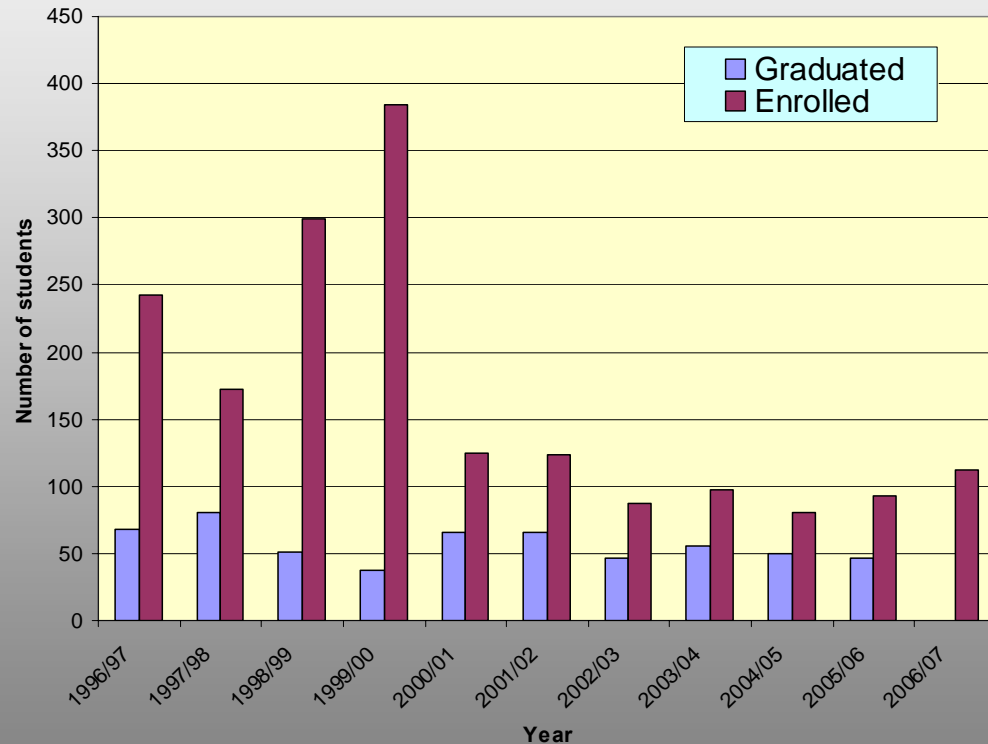


Department of Mining Engineering

- **The teaching staff at the Department of Mining Engineering (60)**
 - 23 full time professors
 - 12 associate professors
 - 8 assistant professors
 - 1 lecturer and
 - 16 assistants
- **There are 383 enrolled students studying the Mining Program of the FMG**

Department of Mining Engineering

- Average number of graduates per year – 50.
- Average number of admissions per year – 115
- Approximately 45% of students per year have successfully completed their studies.
- Proportion between students and lecturers/assistants is about 6,5:1



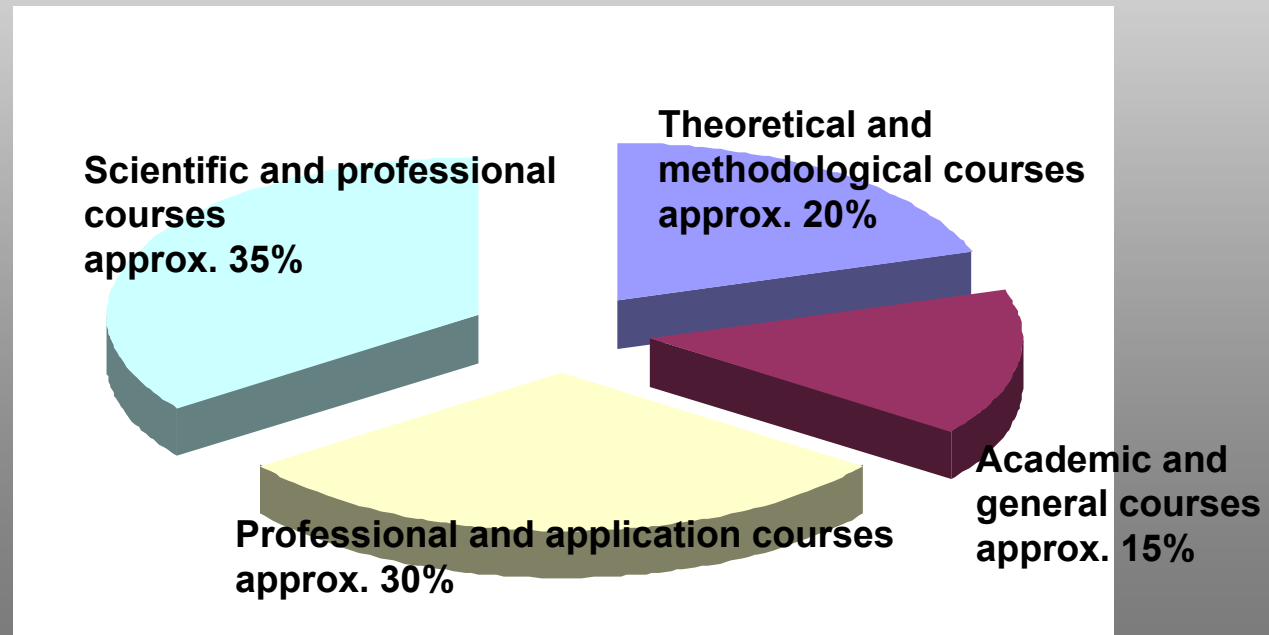
- Fig. illustrates the survey of graduated students at the Mining Programme, with the number of students enrolled for the first year of studies .

Undergraduate Mining Engineering Study Program

- The undergraduate studies at the FMG last 4 (BSc) + 1 (MSc) years (8 or 10 semesters)
- Average number of teaching hours per week is 26
- The number of courses scheduled in curricula for all programs varies from 36 to 42

Min % of optional courses:

- 20% at BSc courses
- 30% at MSc courses



Educational courses (obligatory and optional)

Postgraduate Mining Engineering Study Program

PhD studies

- **The PhD studies last 3 years (6 semesters).**
- **First 4 semesters are for lecturing.**
- **Each semester have 3 courses.**
- **First semester have 3 basic educational courses.**
- **Each od 2nd, 3rd and 4th semester have 3 professional courses.**
- **All courses are optional.**
- **Semester 5 and 6 are for finalazing the PhD thesis.**

The New Ways of Mining Education in Serbia

- **FMG is working on the curricula in order to attend the challenge of graduating an engineer for the 21st century**
- **The goal is to graduate engineers with a strong technical and scientific knowledge and abilities in communication in more than one language, ease in developing human relationships, social and environmental conscience and able to learn continuously**

The New Ways of Mining Education in Serbia

- **In order to achieve this goal the faculty proposed changes in the curricula that included:**
 - introduction of European Credit Transfer System,
 - modification of curricula towards more attractive proposals for candidates,
 - development and opening of the new disciplines and specializations,
 - extended teaching of computer techniques and foreign languages,
 - an increase in the environmental content, preparing students to work with non-renewable resources,
 - exchange programs with other countries in order to expose students to other cultures, languages and technical environments.

FOR INFO...

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