

Strengthening Teaching Competences
in Higher Education
in Natural and Mathematical Sciences



Co-funded by the
Erasmus+ Programme
of the European Union

Activity 3.6.
**Approval/Accreditation of
new/modified master study
and continuing professional
development courses**

Final Conference, Belgrade, October 9-11, 2022



Activity 3.6.

Accredited courses - P1 - UNI



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During the TeComp project, 79 courses at 5 Universities (4 Universities in Serbia and 1 University in Albania) and one course for lifelong learning were accredited.

Partner - University - Acronym	Number of Accredited Courses
P1 - University of Niš - UNI	39
P2 - University od Belgrade - UB	8
P3 - University od Novi Sad - UNS	11
P4 - University od Kragujevac - UNIKG	23
P5 - university of Gjirokastër - ECUG	9

Activity 3.6.

Accredited courses - P1 - UNI



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**Accredited course for
lifelong learning:**

**Teaching and academic
writing in English**

**39 accredited courses at
University of Niš:**

- 1. PROFESSIONAL/PEDAGOGICAL PRACTICE**
- 2. DIGITAL MEDIA IN BLENDED LEARNING**
- 3. INTERACTIVE TOOLS FOR ONLINE TEACHING AND EXAMS**
- 4. VIRTUAL CLASSROOMS**
- 5. DEVELOPMENT OF PLATFORMS FOR BLENDED LEARNING**
- 6. DIDACTIC-INFORMATICS INNOVATIONS**
- 7. METHODOLOGY OF ELECTRONIC LEARNING**
- 8. PROFESSIONAL/PEDAGOGICAL PRACTICE**
- 9. SOFTWARE PACKAGES IN TEACHING OF MATHEMATICS**
- 10. EDUCATIONAL SOFTWARE**

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Accredited courses - P1 - UNI



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**39 accredited courses at
University of Niš:**

- 11.MULTIMEDIA SYSTEMS IN TEACHING OF
MATHEMATICS**
- 12.METHODOLOGY OF TEACHING MATHEMATICS**
- 13.SCHOOL PRACTICE 1**
- 14.SCHOOL PRACTICE 2**
- 15.METHODOLOGY OF MAKING CALCULATION
ASSIGNMENTS**
- 16.BASICS OF METHODOLOGY OF TEACHING
PHYSICS**
- 17.PHYSICS IN SCHOOL 1**
- 18.PHYSICS IN SCHOOL 2**
- 19.METHODOLOGY OF TEACHING PHYSICS**
- 20.TEACHING TOOLS OF PHYSICS 1**
- 21.TEACHING TOOLS OF PHYSICS 2**
- 22.SCHOOL PRACTICE**

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Accredited courses - P1 - UNI



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**39 accredited courses at
University of Niš:**

- 23.COMPUTER APPLICATION IN CHEMISTRY**
- 24.MODERN METHODS OF LEARNING CHEMISTRY**
- 25.METHODOLOGY OF TEACHING CHEMISTRY 1**
- 26.SCHOOL PRACTICE 1**
- 27.METHODOLOGY OF TEACHING CHEMISTRY 2**
- 28.SCHOOL PRACTICE 2**
- 29.METHODOLOGY OF TEACHING BIOLOGY**
- 30.SCHOOL PRACTICE**
- 31.METHODOLOGY OF TEACHING GEOGRAPHY**
- 32.METHODOLOGY OF PRACTICAL TEACHING OF
GEOGRAPHY**
- 33.METHODOLOGICAL INNOVATIONS IN
GEOGRAPHY**
- 34.SCHOOL PRACTICE**

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Accredited courses - P1 - UNI



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**39 accredited courses at
University of Niš:**

**35. EDUCATION OF CHILDREN WITH DISABILITIES
AND DIFFICULTIES IN DEVELOPMENT**
36. METHODOLOGY OF TEACHING TOURISM
37. PSYCHOLOGY
38. PEDAGOGY
39. PEDAGOGICAL COMMUNICATION

Activity 3.6.

Accredited courses - P2 - UB



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**8 accredited courses at
University of Belgrade:**

- 1. METHODOLOGY OF TEACHING PHYSICS 1**
- 2. METHODOLOGY OF TEACHING PHYSICS 2**
- 3. EDUCATIONAL STANDARDS**
- 4. PEDAGOGICAL RESEARCH IN PHYSICS**
- 5. APPLIED METHODOLOGY OF TEACHING PHYSICS**
- 6. MODERN TEACHING TOOLS**
- 7. DISTANCE LEARNING IN PHYSICS**
- 8. COMPUTER SCIENCE AND SOCIETY**

Activity 3.6.

Accredited courses - P3 - UNS



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11 accredited courses at
University of Novi Sad:

1. **SELECTED TOPICS OF TEACHING METHODS IN MATHEMATICS**
2. **RESEARCH METHODS AND STATISTICS**
3. **AN EXPERIMENT IN TEACHING PHYSICS**
4. **TESTING AND KNOWLEDGE ASSESSMENT**
5. **USAGE OF MODERN ICT IN TEACHING**
6. **DIDACTICAL RESEARCH IN TEACHING MATHEMATICS**
7. **PROJECT-BASED AND PROBLEM-BASED LEARNING**
8. **MATHEMATICAL MODELLING IN TEACHING**
9. **MODERN TEACHING AIDS**
10. **METHODS AND TECHNIQUES OF LEARNING CHEMISTRY – ADVANCED COURSE**
11. **E - LEARNING IN CHEMICAL EDUCATION**

Activity 3.6.

Accredited courses - P4 - UNIKG



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**23 accredited courses at
University of Kragujevac:**

- 1. EXPERIMENTS IN TEACHING OF PHYSICS**
- 2. METHODOLOGY OF SCIENTIFIC RESEARCH WORK**
- 3. SELECTED CHAPTERS OF PHYSICS TEACHING
METHODOLOGY**
- 4. APPLICATION OF MODERN ICT IN PHYSICS TEACHING**
- 5. EDUCATIONAL SOFTWARE**
- 6. INNOVATIONS IN TEACHING OF MATHEMATICS**
- 7. BASICS OF CRITICAL THINKING**
- 8. PROFESSIONAL PRACTICE**
- 9. EXPERIMENTS IN THE TEACHING OF BIOLOGY**
- 10. BIOLOGY TEACHING METHODOLOGY 2**
- 11. CONTEMPORARY TEACHING IN BIOLOGY**
- 12. SCHOOL EXPERIMENTS IN THE TEACHING OF
CHEMISTRY**

Activity 3.6.

Accredited courses - P4 - UNIKG



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**23 accredited courses at
University of Kragujevac:**

**13.TEACHING METHODOLOGY OF GENERAL AND
INORGANIC CHEMISTRY**

**14.TEACHING METHODOLOGY OF ORGANIC
CHEMISTRY**

**15.METHODS AND TECHNIQUES IN TEACHING
CHEMISTRY**

16.SCHOOL PRACTICE 1

**17.CHEMISTRY TEACHING METHODOLOGY IN WORKING
WITH GIFTED STUDENTS**

18.SCHOOL PRACTICE 2

19.CONTEMPORARY FORMS OF TEACHING CHEMISTRY

20.SOFTWARE TOOLS 2

21.EDUCATIONAL SOFTWARE SOFTWARE

22.INFORMATICS TEACHING METHODOLOGY

23.PROGRAMMING TEACHING METHODOLOGY

Activity 3.6.

Accredited courses - P5 - ECUG



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of the European Union

**9 accredited courses at
Eqrem Çabej University
Gjirokastër
(Faculty Of Natural Sciences):**

- 1. COMMUNICATION AND INFORMATION TECHNOLOGY
IN EDUCATION**
- 2. INFORMATION TECHNOLOGY IN TEACHING**
- 3. RESEARCH SEMINAR**
- 4. INCLUSION IN EDUCATION**
- 5. CURRICULUM DEVELOPMENT**
- 6. IMPROVEMENT OF LEARNING AND CRITICAL THINKING**
- 7. SCHOOL PSYCHOLOGY**
- 8. RESEARCH IN EDUCATION**
- 9. METHODOLOGY OF COMMUNICATION AND
INFORMATION TECHNOLOGY IN EDUCATION**