

УНИВЕРЗИТЕТ

„ГОЦЕ ДЕЛЧЕВ”

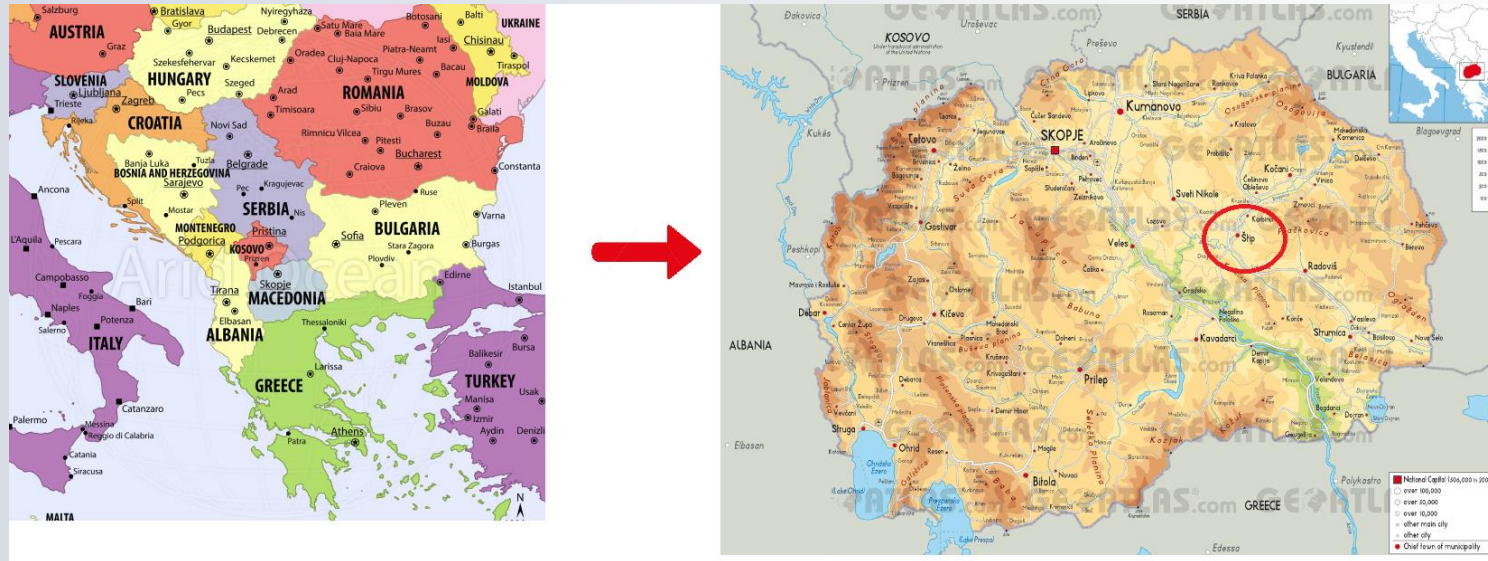
ШТИП

**Goce Delcev
University
Faculty of Computer
Science**

Stip, N. Macedonia



Republic of North Macedonia, central landlocked country in the Balkan Peninsula, SEE

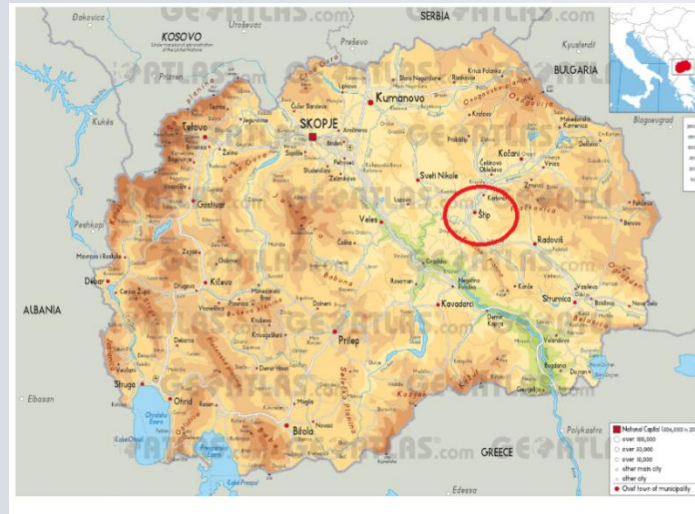


- Total area: 25,713 km²
- Population: 1,823,009 (2024, estimation)
- Time zone: CET (UTC + 1)
- Capital city: Skopje

City of Stip

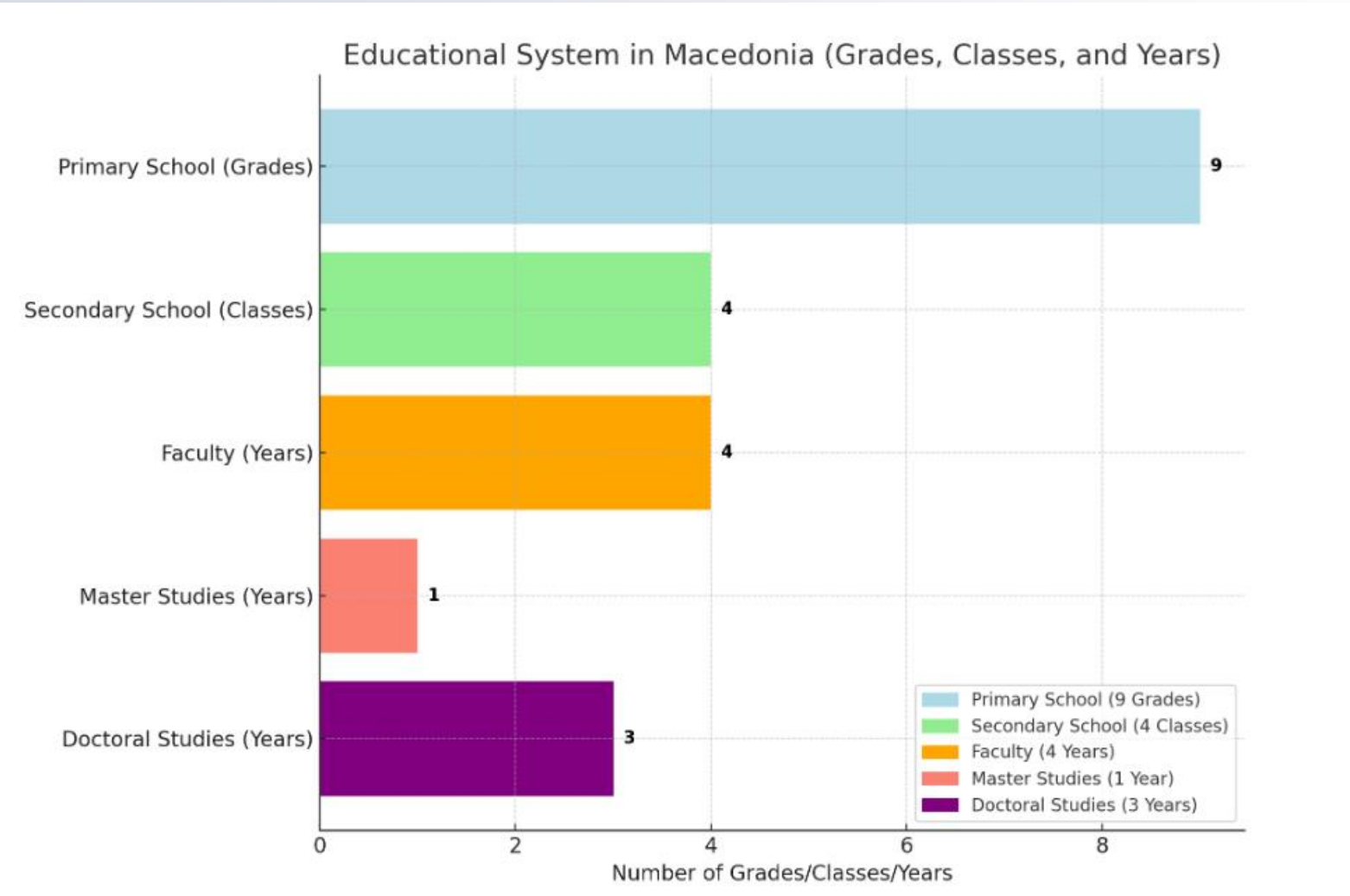


GOCE DELCHEV
UNIVERSITY



- Population: 47.796 (estimated)
- Main industry: Textile
- Main geographical, economic, political, health and educational center in the eastern part of Republic of North Macedonia

Educational system in N. Macedonia





GOCE DELCHEV
UNIVERSITY

Goce Delcev University in Stip, N. Macedonia, second largest state university



- 12 faculties
- 3 academies
- 33.475 students (around 11.000 active)
- Employees: 639 total / 527 present
- Part time: 482 total / 97 active
- Volunteers: 123 total
- More than 100 different study programs on three study cycles



GOCE DELCHEV
UNIVERSITY

Goce Delcev University in Stip is a state university, ranked on the second place in the rankings of state universities in the country.





GOCE DELCHEV
UNIVERSITY

Goce Delchev University in Stip was established by the Assembly of the Republic of Macedonia on 27 March 2007. The first Constitutive Session of the University Senate was held on 28 June 2007, in the amphitheater of the Faculty of Education and the Faculty of Mining, Geology and Polytechnic.





GOCE DELCHEV
UNIVERSITY

UGD was established initially with 7 (seven) faculties and one Higher Medical School. In the first academic year, 1.300 students were enrolled for the courses at UGD.

Today, at UGD there are 12 (twelve) faculties and 3 (three) artistic academies and around 10.000 students enrolled for the courses at the three cycles of studies.

- **FACULTY OF LAW**
- **FACULTY OF ECONOMICS**
- **FACULTY OF TOURISM AND BUSINESS LOGISTICS**
- **FACULTY OF EDUCATION**
- **FACULTY OF PHILOLOGY**
- **ACADEMY OF MUSIC**
- **FILM ACADEMY**
- **ART ACADEMY**
- **FACULTY OF MEDICINE**
- **FACULTY OF NATURAL AND TECHNICAL SCIENCES**
- **FACULTY OF TECHNOLOGY**
- **FACULTY OF MECHANICAL ENGINEERING**
- **FACULTY OF ELECTRICAL ENGINEERING**
- **FACULTY OF AGRICULTURE**
- **FACULTY OF COMPUTER SCIENCE**



GOCE DELCHEV
UNIVERSITY

The lectures are conducted in education centers: Stip, Strumica, Kavadarci.





GOCE DELCHEV
UNIVERSITY

The diplomas of Goce Delchev University in Stip are internationally recognized and certified in accordance with national and international standards and are competitive at the labor market.





GOCE DELCHEV
UNIVERSITY

We use new approach towards students and education, in accordance with the practice and experience of European universities. Our basic paradigms are: student in the center of the attention, individual approach towards the student, greater level of interactive lectures





GOCE DELCHEV
UNIVERSITY

The University has the most up-to-date equipment and modern technology, including e-index, e-library, e-learning, e-repository, e-schedule.

Thanks to these already mentioned aspects, the University has become a choice of many foreign students, who fulfill their visions in the country.





GOCE DELCHEV
UNIVERSITY

The University Cultural Center organizes events, promotes different artistic activities performed through series of art exhibitions, stage production, film production, music concerts, book promotions, magazines and other publications, discussions, workshops and art performances.





GOCE DELCHEV
UNIVERSITY

The University Sports Center develops and promotes the sport activities of the students and employees. The University Sports Center comprises teams of different sports. At the moment there are university basketball clubs, table-tennis, volleyball and chess.





GOCE DELCHEV
UNIVERSITY

The public relation center regularly informs the public and meaningfully presents information and contents about the functioning of Goce Delcev University structures. The center ensures continuous presentation of accurate and truthful information that refer to students and wider public, via the university radio network - UGD FM, the university TV – UGD TV, the university newspaper and by organizing different events.





GOCE DELCHEV
UNIVERSITY

The Interuniversity Cooperation Center promotes cooperation between Goce Delcev University and other universities in Macedonia and abroad. UGD has signed agreements of cooperation with over 100 higher-educational institutions from the country and abroad.





GOCE DELCHEV
UNIVERSITY

Over 400 UGD students have undertaken Erasmus+ mobility and traineeship to other European universities and over 100 students have spent a semester at UGD via the Erasmus+ programs





Faculty of Computer Science

- Intro
- Study programs
- Laboratories
- UGD Makerspace
- Space
- Staff
- Projects and research
- Events
- Publishing
- Awards

Intro



- The Faculty of Computer Science is part of the Technical campus (Campus 2) at Goce Delcev University. It exists from 2007 and it offers study programs for all three cycles in Macedonian language and one study program for first cycle in English language.

Study Programs – First cycle



4 years, 240 ECTS

- Computer Engineering and Technologies (Macedonian and English Language)
- Computer Sciences
- Teaching Mathematics
- Applied Mathematics

Study Programs – Second Cycle



One-year, 60 ECTS

- Software Engineering
- Robotics and Intelligent Systems
- Bioinformatics
- Computer Security and Digital Forensics
- Intelligent Web Technologies
- Information Systems and Technologies
- Mathematics
- Financial and Actuarial Mathematics
- Mathematical-Informatics Education
- Computational Engineering



Study Programs – Third Cycle



- Computer Sciences and Engineering
 - PhD in Computer Science

Laboratories



- Digital Resources and Open Access Laboratory
- Laboratory for Robotics and Intelligent Systems
 - PadBot, Ubtech humanoids, Parrot Drones, Lego Mindstorms, Kinect, etc.
- Laboratory for Computer Security and Digital Forensics
 - Nessus Professional, Burp Suite Professional, Stellar Toolkit for Data Recovery, etc.
- Laboratory of Statistics, Quantitative Research and Applications
- Geomatics Laboratory

UGD Makerspace

- FITR funded project, managed by our faculty – from June 2023.
- Equipment:
 - 3D printers
 - 3D scanners
 - Autonomous aerial vehicles
 - Smart industrial AR/VR glasses
 - Development microcomputers and sensors
 - Computerized Sewing and Embroidery Machine
 - CNC Router and Laser
 - ...



Space

- Well equipped computer laboratories
- Modern lecture halls
- Several classrooms



Staff

- 11 full professors
- 7 associated professors
- 5 assistant professors



Scientific Projects

- Horizon 2020 projects
- Bilateral projects with P. R. China, Austria, etc.
- National projects funded by national state universities
 - NATO Science for peace

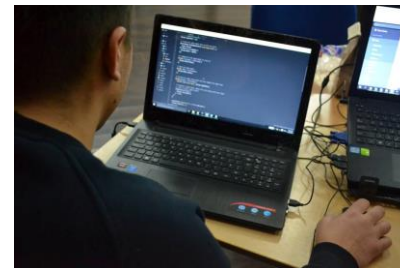
Other Projects

- Erasmus+ projects
 - KA201, KA202, KA203, KA220, ...
 - 10 active projects (December 2024)
- Cost actions
- TEMPUS projects

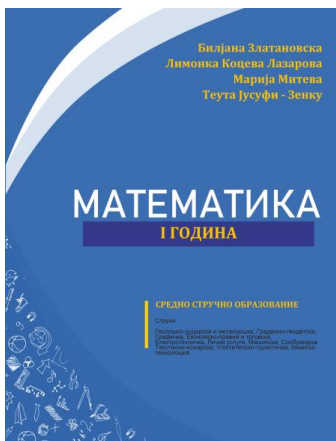


Events

- Differential Equations Day
- Student hackathons
- Past organization and co-organization of FIRST LEGO League (FLL) - N. Macedonia
- Co-organization of different conferences and workshops
- Support for high school's state competition in mathematics



Publishing



- International journal "Balkan Journal of Applied Mathematics and Informatics" (BJAMI).
- More than 60 titles in the UGD electronic library from our staff
- Several mathematical textbooks for primary and secondary education

Awards



- UGD Science Day
 - Our professors receive two awards for scientific productivity for natural and technical sciences for 2022



Faculty of Computer Science

Goce Delcev
University



Thanks for your attention!