



**UNIVERSITY OF THESSALY**  
**SCHOOL OF SCIENCES**  
**DEPARTMENT OF MATHEMATICS**

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**COURSES OFFERED IN ENGLISH FOR THE 2022-23 ACADEMIC YEAR**

The following courses of the Department will be offered in English, should there be such demand from incoming students from the ERASMUS+ program. Please check the accompanying links for further information about the courses.

**FALL SEMESTER 2022-23**

1. Ordinary Differential Equations (31403)  
<http://math.uth.gr/synitheis-diaforikes-exisoseis/?lang=en>
2. Physics I (32501)  
<http://math.uth.gr/geniki-fysiki-i-th3-a1-ects-5/?lang=en>
3. Group Theory, (52202)  
<http://math.uth.gr/theoria-omadon-th4-a0-ects-5/?lang=en>
4. Calculus of Several Variables, (52101)  
<http://math.uth.gr/analysi-pollon-metavliton-th4-a0-ects-5/?lang=en>
5. Linear Operators, (52102)  
<http://math.uth.gr/grammikoi-telestes-th4-a0-ects-5/?lang=en>
6. Numerical Linear Algebra, (52401)  
<http://math.uth.gr/arithmitiki-grammiki-algevra-th3-e1-ects-5/?lang=en>
7. Euclidean and Non-Euclidean Geometries, (52204)  
<http://math.uth.gr/efkleideia-geometria-kai-mi-efkleide/?lang=en>
8. Theoretical Mechanics, (52503)  
<http://math.uth.gr/theoritiki-michaniki-th3-a2-ects-6/?lang=en>
9. Set Theory, (72101)  
<http://math.uth.gr/theoria-synolon-th4-a0-ects-5/?lang=en>
10. Survival Analysis, (72301)  
<http://math.uth.gr/analysi-epiviosis-th3-e1-ects-5/?lang=en>
11. Game Theory, (72302)  
<http://math.uth.gr/theoria-paignion-th4-a0-ects-5/?lang=en>
12. Dynamical Systems, (72401)  
<http://math.uth.gr/dynamika-systimata-th4-a0-ects-5/?lang=en>
13. Mathematical Physics II, (72501)  
<http://math.uth.gr/mathimatiki-fysiki-ii-th4-a0-ects-5/?lang=en>
14. Polynomial Theory - Computational Algebra, (72203)  
<http://math.uth.gr/theoria-polyonymon-ypologistiki-alge/?lang=en>

**SPRING SEMESTER 2022-23**

1. Introduction to Number Theory, (22201)  
<http://math.uth.gr/eisagogi-sti-theoria-arithmon-th4-a0-ects-5/?lang=en>

2. Programming Language II, (22401)  
<http://math.uth.gr/prog2/?lang=en>
3. Algebra, (41202)  
<http://math.uth.gr/algebra/?lang=en>
4. Numerical Analysis, (41403)  
<http://math.uth.gr/arithmetici-analysi/?lang=en>
5. Meteorology, (42501)  
<http://math.uth.gr/meteorologia-th3-a1-ects-5/?lang=en>
6. Digital Technologies in Mathematics Education, (42601)  
<http://math.uth.gr/psifiakes-technologies-sti-didaskalia/?lang=en>
7. Mathematical Physics I, (62501)  
<http://math.uth.gr/mathimatiki-fysiki-i-th3-a2-ects-6/?lang=en>
8. Partial Differential Equations, (61403)  
<http://math.uth.gr/merikes-diaforikes-exisoseis-th4-a1-ects-6/?lang=en>
9. Galois Theory, (62201)  
<http://math.uth.gr/theoria-galois-th4-a0-ects-5/?lang=en>
10. Sampling, (62302)  
<http://math.uth.gr/deigmatolipsia-th4-a0-ects-5/?lang=en>
11. Physics II, (42504)  
<http://math.uth.gr/geniki-fysiki-ii-th4-a1-ects-6/?lang=en>
12. Topology, (62102)  
<http://math.uth.gr/topologia-th4-a0-ects-5/?lang=en>
13. Selected Topics in Biostatistics\*, (82302)  
<http://math.uth.gr/eidika-themata-viostatistikis-th3-a0-ects-5/?lang=en>
14. Numerical Solution of Differential Equations, (82401)  
<http://math.uth.gr/arithmetici-epilysi-diaforikon-exiso/?lang=en>
15. Introduction to Mathematical Biology, (82406)  
<http://math.uth.gr/eisagogi-sti-mathimatiki-viologia-th4-a0/?lang=en>
16. Deep Learning\*, (82404)  
<http://math.uth.gr/exeliktikoi-algorithmoi-th3-a0-ects-5/?lang=en>

(\* ) *The course is offered by the Department of Computer Science and Biomedical Informatics*

The Departmental Coordinator,

Giorgos Kapetanakis



Assistant Professor