



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	Ingegneria
<b>ACADEMIC YEAR</b>	2022/2023
<b>BACHELOR'S DEGREE (BSC)</b>	ELECTRONIC ENGINEERING
<b>SUBJECT</b>	APPLIED MATHEMATICS INSIGHTS
<b>TYPE OF EDUCATIONAL ACTIVITY</b>	F
<b>AMBIT</b>	10810-Altre conoscenze utili per l'inserimento nel mondo del lavoro
<b>CODE</b>	21235
<b>SCIENTIFIC SECTOR(S)</b>	
<b>HEAD PROFESSOR(S)</b>	BAGARELLO FABIO      Professore Ordinario      Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>	
<b>CREDITS</b>	4
<b>INDIVIDUAL STUDY (Hrs)</b>	64
<b>COURSE ACTIVITY (Hrs)</b>	36
<b>PROPAEDEUTICAL SUBJECTS</b>	
<b>MUTUALIZATION</b>	
<b>YEAR</b>	1
<b>TERM (SEMESTER)</b>	1° semester
<b>ATTENDANCE</b>	Not mandatory
<b>EVALUATION</b>	Pass/Fail
<b>TEACHER OFFICE HOURS</b>	<b>BAGARELLO FABIO</b> Tuesday    11:00    13:00    Stanza nr. 14, Edificio 8, Secondo piano, ex Dipartimento di Metodi e Modelli Matematici Thursday    11:00    13:00    Stanza nr. 14, Edificio 8, Secondo piano, ex Dipartimento di Metodi e Modelli Matematici

**DOCENTE:** Prof. FABIO BAGARELLO

<b>PREREQUISITES</b>	A good knowledge of Mathematics and Physics is needed
<b>LEARNING OUTCOMES</b>	The aim of the seminars will be giving the student more comprehension abilities and will push them to apply their previous knowledge in various fields. Also, preparing a relation will improve their ability to communicate scientific topics.
<b>ASSESSMENT METHODS</b>	Students have to submit a relation for each seminar, and I will check the quality asking, if needed, for some integration.
<b>EDUCATIONAL OBJECTIVES</b>	The main aim of this group of seminars is to propose some mathematical/ applicative deepening of some interest for students in scientific faculties.
<b>TEACHING METHODS</b>	Teaching is based on around 8 seminars on different topics, chosen year by year, and given by experts
<b>SUGGESTED BIBLIOGRAPHY</b>	Fabio Bagarello, Metodi Matematici, Zanichelli, 2019  Vista la varietà di argomenti, si consiglia lo studente di svolgere, di volta in volta, una ricerca su internet per ricercare la bibliografia più rilevante.  Because of the large variety of the topics, I suggest the student to use internet to find the most appropriate sources of information.

### **SYLLABUS**

<b>Hrs</b>	<b>Frontal teaching</b>
2	Seminar 1: title to be fixed
2	Seminar 2: title to be fixed
2	Seminar 3: title to be fixed
2	Seminar 4: title to be fixed
2	Seminar 5: title to be fixed
2	Seminar 6: title to be fixed
2	Seminar 7: title to be fixed
2	Seminar 8: title to be fixed

<b>Hrs</b>	<b>Practice</b>
2	Seminar 1: further insights
2	Seminar 2: further insights
2	Seminar 3: further insights
2	Seminar 4: further insights
2	Seminar 5: further insights
2	Seminar 6: further insights
2	Seminar 7: further insights
2	Seminar 8: further insights