



Diploma Supplement

Register: N94000410

Register: number CE2019N94544000009

The Diploma Supplement was developed by the European Commission, Council of Europe and by UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international transparency and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It is free from any value-judgements, equivalence statements or suggestions about recognition. Information is provided in eight sections. Where information is not provided, an explanation will give the reason why.

This Document has 8 pages and comprises of the following sections:

1. Information identifying the holder of the qualification

1.1 Family name: D'AMANTE

1.2 Given name: VALERIA

1.3 Date of birth: 20/01/1994

Birth place: NAPOLI (NA)

1.4 Student identification number or code: N94000410

2. Information identifying the qualification

2.1 Name of the qualification and title conferred: Laurea Magistrale in FISICA (LM)

2.2 Main field(s) of study for the qualification: LM-17 - "MAGISTRALE" DEGREE IN PHYSICS

2.3 Name and status awarding institution: UNIVERSITA' DEGLI STUDI DI NAPOLI FEDERICO II - CORSO
UMBERTO I 80100 NAPOLI (ITALIA)
Statale

2.4 Name and status of institution administering studies:

2.5 Language(s) of instruction/examination: ITALIAN

3. Information on the level of the qualification

3.1 Level of qualification: 2nd cycle

3.2 Official length of programme: 2 Years(120)

3.3 Access requirement(s): First Degree - Entry Not Restricted



4. Information on the contents and results gained

4.1 Mode of study: Full time; traditional teaching; length 2 years

4.2 Programme requirements:

The graduate in Physics (holder of the Laurea in Fisica) should be able to carry on, directly or after a short training, working activities that require: a solid cultural background about scientific investigation methodology; an open and flexible mind, capable of learning new methodologies and technologies in a short time; the ability to use complex devices and tools. Furthermore he/she should have an in-depth knowledge of basic Classical and Modern Physics, even in their connections with other scientific disciplines, with a critical understanding of the theoretical and experimental basis of Mechanics, Electromagnetism, and Matter Physics, and a good knowledge of Mathematics and of the basic concepts of Chemistry. The graduate in Physics acquires skill tools to carry on professional activities which require good knowledge of physics methodologies, modelling and analysis activities, as well as capacities for problem setting and solving

4.3 Programme details (e.g. modules or units studied), and the individual grades/marks/credits obtained:

1ST YEAR					
Courses	Credits	Grade	Date	SSD(**)	NOTE(***)
ELEMENTARY PARTICLE PHYSICS	8	30/30	20/12/2017	FIS/01	
CLASSICAL ELECTRODYNAMICS	9	30/30	12/05/2017	FIS/03	
PHYSICS LABORATORY	10	28/30	11/07/2017		
PARTICLE PHYSICS LABORATORY	8	28/30	23/07/2018	FIS/01	
QUANTUM MECHANICS	9	30/30	24/01/2019	FIS/02	
ASTROPARTICLE PHYSICS	8	28/30	05/07/2019	FIS/01	
Total Credits: 52	Mean: 29.00			Weighted Mean: 29.00	
2ND YEAR					
Courses	Credits	Grade	Date	SSD(**)	NOTE(***)
FINAL TEST	42	Passed	19/02/2020		
OBJECT PROGRAMMING IN PHYSICS	8	30/30	31/05/2019	FIS/01	
COMPLEMENTARY ELEMENTARY PARTICLE PHYSICS	8	30/30	19/03/2018	FIS/01	
DATA ANALYSIS IN SUBNUCLEAR PHYSICS	8	30/30	02/05/2019	FIS/01	
OTHER ACTIVITIES	2				
Total Credits: 68	Mean: 30.00			Weighted Mean: 30.00	



(**) SSD = Scientific Disciplinary Sector

Thesis Title

Measurements of the ckm matrix elements in singletop events at cms with machine

4.4 Grading scheme and grade distribution guidance for LM-17 - "MAGISTRALE" DEGREE IN PHYSICS

Each course is graded on a scale from 1 to 30, with 18 and 30 e lode (30 cum laude) as minimum and maximum grade respectively.

ECTS table of course grades*														
Grading Scale	18	19	20	21	22	23	24	25	26	27	28	29	30	30 cum laude
N. Marks	6	7	9	9	12	10	41	52	58	148	187	78	650	130
%	.43	.5	.64	.64	.86	.72	2.93	3.72	4.15	10.59	13.39	5.58	46.53	9.31
Cumulative %	100	99.57	99.07	98.43	97.79	96.93	96.21	93.28	89.56	85.41	74.82	61.43	55.85	9.32

* Referred to the following years: 2016 - 2018



4.5 Overall classification of the qualification for LM-17 - "MAGISTRALE" DEGREE IN PHYSICS

Performance in the final examination is graded on a scale from 1 to 110, with 66 and 110 e lode (110 cum laude) as minimum and maximum grade respectively.

Final Grade: 110/110 e lode

Academic year: 2018/2019

Degree date: 19 Febbraio 2020

ECTS table for final grades*			
Grading Scale	N. Marks	%	Cumulative %
110 cum laude	53	38.41	38.44
110	44	31.88	70.32
109	3	2.17	72.49
108	11	7.97	80.46
107	7	5.07	85.53
106	7	5.07	90.6
105	3	2.17	92.77
104	3	2.17	94.94
103	0	0	94.94
102	2	1.45	96.39
101	1	.72	97.11
100	0	0	97.11
99	2	1.45	98.56
98	0	0	98.56
97	0	0	98.56
96	0	0	98.56
95	1	.72	99.28
94	0	0	99.28
93	0	0	99.28
92	0	0	99.28
91	0	0	99.28
90	0	0	99.28
89	1	.72	100

* Referred to the following years: 2016 - 2018



5. Information on the function of the qualification

5.1 Access to further study

The qualification gives access to Second-cycle degrees ("Laurea Magistrale"), Specialization Courses and First-level University Masters

5.2 Professional status

The graduate in Physics (holder of the Laurea in Fisica) will carry on professional activities within the contexts of technologic applications of Physics at industrial level (e.g. Electronics, Optics, Computer Science, Mechanics, Acoustics, etc.); laboratory activities and, particularly, applications relevant to radioprotection, environmental control and security; development and characterisation of materials; telecommunications; remote controls of satellite systems; collaboration to activities of public and private research corporations. He/she will be able to carry on professional activities in every context, even not scientific (e.g. economy, finance, security), where capabilities of analysis and modelling of simple and complex phenomena with a scientific approach are required

6. Additional information

6.1 Additional information

www.miur.it; www.study-in-italy.it; www.chimica.unina.it

6.2 Further information sources

www.miur.it; www.unina.it; www.study-in-italy.it

7. Certification of the supplement

7.1 Date: 06 Maggio 2020

7.2 Name and signature DOTT. SERENA DE STEFANO

7.3 Capacity: The Head Office

7.4 Official stamp or seal

UNIVERSITA' DEGLI STUDI DI NAPOLI FEDERICO II



The Italian University System

The Italian university system is organised in three cycles, according to the Bologna structure: the main academic degrees are the Laurea (1st cycle), the Laurea Magistrale (2nd cycle) and the Dottorato di Ricerca (3rd cycle). The system also offers other study programmes and related qualifications.

First cycle. This cycle consists exclusively of Corsi di Laurea. These degree programmes provide students with an adequate command of general scientific methods and contents as well as with specific professional skills. The general access requirement is the Italian school leaving qualification awarded after completion of 13 years of schooling and passing the relevant State examination; comparable foreign qualifications may also be accepted. Admission to some degree courses may be based on specific course requirements. The studies last 3 years. The Laurea is awarded to students who have gained 180 ECTS credits (called Crediti Formativi Universitari - CFU) and satisfied all curricular requirements, including the production of a final written paper or equivalent final project. The Laurea gives access to the Corsi di Laurea Magistrale as well as to other 2nd cycle study programmes.

Second cycle. The main degree programmes in this cycle are the Corsi di Laurea Magistrale. They provide education at an advanced level for the exercise of highly qualified activities in specific areas. Access is by a Laurea degree or a comparable foreign degree; admission is based on specific course requirements determined by single universities. The studies last 2 years. The Laurea Magistrale degree is awarded to students who have gained 120 ECTS/CFU credits and satisfied all curricular requirements, including the production and public defence of an original dissertation. Some programmes (namely, those in dentistry, medicine, veterinary medicine, pharmacy, architecture, construction engineering/architecture, law, primary education) are defined "single cycle programmes" (Corsi a ciclo unico); for these programmes access is by the Italian school leaving qualification (or a comparable foreign qualification); admission is based on entrance exams.

The studies last 5 years (6 years and 360 ECTS/CFU credits in the cases of medicine and dentistry). A Laurea Magistrale degree is awarded to students who have gained 300 ECTS/CFU credits and satisfied all curricular requirements, including the production and public defence of an original dissertation.

A Laurea Magistrale degree gives access to Corsi di Dottorato di Ricerca as well as to other 3rd cycle study programmes.

Third cycle. The main degree programmes in this cycle are Corsi di Dottorato di Ricerca (research doctorate programmes); the students/young researchers enrolled in these programmes will acquire methodologies for advanced scientific research, will be trained in new technologies and will work in research laboratories, wherever appropriate. Access is by a Laurea Magistrale degree (or a comparable foreign degree); admission is based on a competitive exam; studies last at least three years and include the completion and public defence of an original research project.



Other programmes

- Corsi di Specializzazione. These are 3rd cycle programmes intended to provide students with the knowledge and skills required for the practice of highly qualified professions, mainly in medical, clinical and surgical specialties. Admission is by a Laurea Magistrale degree (or by a comparable foreign degree) and is based on a competitive exam; studies may last from 2 (120 ECTS/CFU credits) to 6 years (360 ECTS/CFU credits) depending on the discipline. The final degree awarded is a Diploma di Specializzazione.

- Corsi di Master Universitario di primo livello. These are 2nd cycle programmes intended to provide students with further specialization or higher continuing education after completion of the first cycle. Access is by a Laurea degree (or a comparable foreign degree); admission may be subject to additional requirements. Studies last at least 1 year (60 ECTS/CFU credits). The qualification awarded (Master Universitario di primo livello) does not give access to Corsi di Dottorato di Ricerca or to any other 3rd cycle programme, since this type of course does not belong

to the general requirements established at national level, but it is offered under the autonomous responsibility of each university.

- Corsi di Master Universitario di secondo livello. These are 3rd cycle programmes intended to provide students with further specialization or higher continuing education studies after completion of the second cycle. Access is by a Laurea Magistrale degree (or a comparable foreign degree); admission may be subject to additional requirements. Studies last at least 1 year (60 ECTS/CFU credits). The qualification awarded (Master Universitario di secondo livello) does not give access to Corsi di Dottorato di Ricerca or to any other 3rd cycle programmes, since this type of course does not belong to the general requirements established at national level, but it is offered under the autonomous responsibility of each university.

Credits: degree courses are structured in credits (Crediti Formativi Universitari - CFU). University credits are based on the workload students need in order to achieve the expected learning outcomes. Each credit corresponds to 25 hours of student workload, including independent study. The average workload of a full time student is conventionally fixed at 60 credits per year. Thus, the CFU fully coincide with ECTS credits

Classes of Degree Courses: all degree programmes of Laurea and Laurea Magistrale sharing general educational objectives are grouped into "classes". In developing the specific learning outcomes of single programmes, Universities have to comply with some national requirements for each class concerning the types (and corresponding amount of credits) of teaching-learning activities to be included. Degrees belonging to the same class have the same legal value.

Academic Titles: Those who receive the Laurea are entitled to be called "Dottore", the holders of a Laurea Magistrale have a right to the title of "Dottore Magistrale", the Dottorato di ricerca confers the title of "Dottore di Ricerca" or "PhD".

Joint Degrees: Italian universities are allowed to establish degree programmes in cooperation with Italian and foreign partner universities, on completion of which joint or double/multiple degrees can be awarded.

Further information:

Italian Qualifications Framework

<http://www.quadrodeititoli.it>

