



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
Εθνικόν και Καποδιστριακόν
Πανεπιστήμιον Αθηνών
— ΙΔΡΥΘΕΝ ΤΟ 1837 —

**SCHOOL OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY
MSc PROGRAM IN “COSMETOLOGY-DERMATOPHARMACOLOGY”**

**APPENDIX A5
STUDY GUIDE FOR THE CURRENT ACADEMIC YEAR**



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
Εθνικόν και Καποδιστριακόν
Πανεπιστήμιον Αθηνών
— ΙΔΡΥΘΕΝ ΤΟ 1837 —

PHARMACY DEPARTMENT

GUIDE FOR POSTGRADUATE STUDIES

MSc Program in “COSMETOLOGY- DERMATOPHARMACOLOGY”



Academic Year

2022 - 2023

PROLOGUE

Dear postgraduate students of the Department of Pharmacy,

The main purpose of this Study Guide is to fully inform you about the "Cosmetology-Dermatopharmacology" master's program (MSc) in "Cosmetology-Dermatopharmacology" of the Pharmaceutical Technology Division of the Department of Pharmacy, National and Kapodistrian University of Athens (NKUA), for the academic year 2022-2023. More specifically, this Study Guide provides detailed information on the following:

- The history, organization, and operation of the NKUA and the Department of Pharmacy.
- The courses offered and their contents
- The teachers in each course
- Program Regulations
- Services offered.

In addition, we have recently implemented an advisory service for issues that concern you (online link: https://www.pharm.uoa.gr/sympliromatikes_ypiresies_gia_toys_foitites_farmakeytikis/), as well as an email address (suggestions@pharm.uoa.gr) for submitting suggestions from students regarding possible improvements of the services provided by our Department. We recommend that you frequently visit the website of the Department of Pharmacy, NKUA, to keep up to date with various current issues and updates to regulations and procedures. The successful completion of your postgraduate course, through your active participation in course lectures and your research work, will provide you with a thorough scientific training, and ensure your personal and professional success as an active member of society. The entire staff of our department is always at your disposal to discuss any educational and research issues and help you overcome any difficulties you may encounter.

Athens, March 2023

The Coordinating Committee of the Industrial Pharmacy MSc Program

Hele
ni Skaltsa,
Professor

Nikolaos Drakoulis, Professor
Michail Rallis, Associate Professor, (Program Director)

Evangelos Karalis, Associate Professor

Paraskevas Dallas, Assistant Professor

CONTENTS

1.	HISTORY AND ORGANIZATION OF THE NKUA.....	Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.
1.1	ESTABLISHMENT	–
	NAME.....	Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.
1.2	LOCATION.....	Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.
1.3	CAMPUS.....	UNIVERSITY Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.
1.4	ADMINISTRATION.....	Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.
1.5.	ACADEMIC UNITS AND TITLES OF STUDIES.....	Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.
1.6	STAFF.....	7
1.7	STUDENTS.....	Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.
1.8	CARE.....	STUDENT Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.
1.8.1	SERVICES.....	STUDENT Σφάλμα! Δεν έχει οριστεί σελιδοδείκτης.
1.8.2.	SCHOLARSHIPS - AWARDS.....	17
1.8.3	FREE SUPPLY OF TEXTBOOKS.....	18
1.9	LABORATORY RESEARCHERS.....	18
2.	PHARMACY DEPARTMENT.....	18
2.1.	HISTORICAL BACKGROUND.....	18
2.2.	BUILDINGS HOUSING THE PHARMACY DEPARTMENT.....	19
3.	POSTGRADUATE STUDIES IN THE DEPARTMENT OF PHARMACY.....	22
3.1.	ORGANIZATION - OPERATION OF POSTGRADUATE STUDY PROGRAMS	22

3.2. "INDUSTRIAL PHARMACY" POSTGRADUATE STUDIES PROGRAM	22
3.2.1. "INDUSTRIAL PHARMACY" COORDINATING COMMITTEE	22
3.2.2 OBJECTIVES AND EXPECTED LEARNING OUTCOMES OF THE INDUSTRIAL PHARMACY PROGRAM.....	23
3.2.3 ADMINISTRATION AND MANAGEMENT OF THE INDUSTRIAL PHARMACY PROGRAM.....	Σ
φάσμα! Δεν έχει οριστεί σελιδοδείκτης.4	
3.2.4 CATEGORIES - NUMBER OF ENTRANTS - ENTRY PROCEDURE.....	Σφά
λμα! Δεν έχει οριστεί σελιδοδείκτης.5	
3.2.5 DURATION OF STUDIES - STUDENT STATUS.....	25
3.2.6 STUDY PROGRAM	26
26Σφάσμα! Δεν έχει οριστεί σελιδοδείκτης.	
3.2.7 CONTENT/DESCRIPTION OF COURSES.....	27
3.2.8 EXAMS - EVALUATION OF POSTGRADUATE STUDENTS.....	34
3.2.9 INDUSTRIAL PHARMACEUTICAL PRACTICE.....	Σφά
λμα! Δεν έχει οριστεί σελιδοδείκτης.4	
3.2.10 PREPARATION OF POSTGRADUATE THESIS.....	Σφά
λμα! Δεν έχει οριστεί σελιδοδείκτης.5	
3.2.11 TUITION FEES – TUITION EXEMPTION- REMUNERATIVE SCHOLARSHIPS	37
3.2.12 OBLIGATIONS AND RIGHTS OF POSTGRADUATE STUDENTS.....	38
3.2.13 MANAGEMENT OF STUDENT COMPLAINTS/OBJECTIONS.....	39
3.2.14 ACADEMIC ADVISOR INSTITUTION.....	40
3.2.15 TEACHERS FOR EACH COURSE OF THE INDUSTRIAL PHARMACY PROGRAM.....	40
3.3 OATH OF THE POSTGRADUATE OF THE "INDUSTRIAL PHARMACY" DIPLOMA COURSE, DEPARTMENT OF PHARMACY	42
3.4 POSTGRADUATE STUDENTS' ASSOCIATION.....	42
4. PHARMACEUTICAL DEPARTMENT TELEPHONE DIRECTORY.....	43
5. APPENDIX I	46
6. APPENDIX II	51

1. HISTORY AND ORGANIZATION OF THE UNIVERSITY OF ATHENS

1.1 ESTABLISHMENT - NAME

The "Hellenic University of Othon", with four schools, was founded in 1837. The first rector was appointed Professor of History K.D. Schinas. "Semantors", i.e., deans, were Michael Apostolidis of the Theological Faculty, Anastasios Lefkias of the Medical Faculty, Georgios Rallis of the Law Faculty and Neophytos Vamvas of the Faculty of Philosophy. Later, in 1862, the institution was renamed "National University."

In 1911, to fulfill a condition of the will of the great benefactor of the university, Ioannos Dombolis, the "Kapodistrian University" was founded, to which the Faculties of Theology, Law, and Philosophy belonged. The remaining faculties, namely Medicine and Physics, formed the "National University". These two institutions, each with a separate legal personality, property, seal, and importance, had a common administration. By the Statute of 1932 (Law 5343), it was established that the two institutions constituted the "National and Kapodistrian University of Athens" (NKUA) with a common administration. The Constitution of June 9, 1975 (Article 16, paragraph 5), enshrined the full autonomy of the university as a higher educational institution. The organization of the university was reformed by Law 1268/1982 and today its operation is governed by Law 4009/2011 as amended and in force.

1.2 LOCATION

The University was initially housed under the Acropolis, in the private house of the architect Cleanthi, which has already been restored to its original form. The present main building (on Panepistimiou Street) was designed by the Danish architect Hansen, founded in 1839 and built and landscaped in stages. This building houses the Rector's Authorities and Administrative Services, apart from the Technical Service, which is housed on the Campus (Zografou), and the Administrative Directorate, the Financial Services, the Directorate of Faculty Offices, and the Directorate of Endowments, which are housed in the building at 6 Christou Ladas Street.

The Faculty of Theology is housed in its own building on the Campus. The Faculty of Law and the Faculty of Economics and Political Sciences are mainly housed in the Mansion of Theoretical Sciences, on Sina, Solonos and Massalias Streets. The Faculty of Medicine is housed in its own premises in Goudi and in various Hospitals, Clinics, etc. The Faculty of Philosophy is housed in its own building on the campus. The Faculty of Science and the Faculty of Pharmacy are housed in their own buildings on the campus. Also the Department of Physical Education and Sports Science is housed in the buildings of the old Easa in Daphne, the Department of Dentistry and the Department of Nursing in their own buildings in Goudi, the Department of Primary Education in 8 Hersonos Street and 57 Solonos Street, the Department of Kindergarten Education at 33 Hippokratous Street, the Department of Communication and Media at 5 Stadiou Street, the Department of Theatre Studies and the Department of Music Studies at the University Campus.

1.3 UNIVERSITY CAMPUS

In 1963, forest land in the municipalities of Zografou and Kaisariani was ceded.

of approximately 1,550 acres, from the state to the university, for the construction of the university campus. Initially, the large Student House, the sports facilities, the Technical Services building, and the Faculty of Theology were opened.

In July 1981, the new buildings of the Departments of Biology and Geology of the Faculty of Science were inaugurated and put into operation. In 1988, the building of the Faculty of Philosophy was inaugurated and put into operation, and in 1989, the construction of the premises of the Departments of Chemistry and Pharmacy was completed.

Today, many infrastructure projects have been completed (roads, lighting, water supply, car parking, restaurants, medical centers, reading rooms, kindergartens). A bus service has been provided to transport staff and students indoors. However, there are still many projects pending to complete the campus according to the original plan.

1.4. ADMINISTRATION

As a higher educational institution, the university is, according to the Constitution, a legal entity under public law, fully self-governing, supervised and subsidized by the State through the Ministry of Education, Research and Religious Affairs. The governing bodies of the University are the Senate, the Rector's Council, the Rector, and the Vice Rectors.

The Senate is made up of: a) the Rector; b) the Vice Rectors; c) the Deans of the Faculties; d) the Presidents of the Departments; and e) student representatives who make up 10% of the total number of Senate members in cases a) to d). The student representatives shall be at least one (1) representative from the undergraduate category and one (1) in total from the categories of postgraduate students and doctoral candidates, if any; f) three (3) representatives, one (1) from each of the Foundation's E.E.P. E.D.I.P, and E.T.E.P ; g) one (1) representative from the Foundation's administrative staff..

1.5. ACADEMIC UNITS AND TITLES OF STUDIES

Each foundation consists of schools. A school covers a set of related disciplines and ensures an interdisciplinary approach, communication between them, and the coordination necessary for teaching and research. The school supervises and coordinates the operation of the departments in accordance with their own regulations.

The schools are divided into departments. The Department shall promote science, technology, or the arts in the relevant scientific fields, organize teaching within curricula, and ensure continuous improvement in learning.

The Departments shall be divided into sections, which shall coordinate the teaching of part of the subject matter of the Department corresponding to a particular field or fields of science.

The governing bodies: a) of the Faculty, are the General Assembly, the Dean's Office and the Dean; b) of the Department, are the Department Assembly, the Board of Directors and the President of the Department; c) of the Section, are the General Assembly and the Director.

In addition to the degrees, the university also grants postgraduate degrees and doctoral degrees.

1.6 STAFF

The staff of the University consists of the Teaching Research Staff (D.E.P.), the Special Education Staff (E.E.P.), the Laboratory Teaching Staff (E.D.I.P.), the Special Technical

Laboratory Staff (E.T.E.P.) and the Administrative Staff. The teaching staff consists of professors (professors, associate professors, assistant professors) and lecturers in service. The teaching staff of the University also includes non-doctoral assistants who have remained at the University for doctoral studies, as well as research assistants and foreign language teachers.

1.7 STUDENTS

The students of the University are divided into undergraduate, postgraduate and doctoral students. Undergraduate students are those who attend the first cycle of studies, postgraduate students are those who attend the second cycle of studies and doctoral candidates are those who attend the third cycle of studies.

1.8 STUDENT CARE

The status of student is acquired upon enrolment at an HEI and is withdrawn upon receiving the degree.

Students are entitled to use all the facilities and means with which the UAS is equipped for the fulfilment of its educational work, in accordance with the internal regulations and the decisions of the competent bodies of the AEI.

1.8.1 SERVICES TO STUDENTS

University Club

The University Club, housed in the building at 15 Ippokratous Street, offers the student:

Health Service

Medical and Hospital Care for uninsured students of the Hellenic University of Cyprus

According to paragraph 3 of article 31 of Law 4452 /15-2-2017 (A' 17) "undergraduate and postgraduate students and doctoral candidates who do not have other medical and hospital care, are entitled to full medical and hospital care in the National Health System (E.S.Y.) with coverage of the relevant costs by the National Health Services Organization in accordance with the application of article 33 of Law 4368 /2016 (A' 83), only using their social security number (A.M.K.A.)

Information: Secretariat, tel. 210 3688208

Health Service of the University Club.

Office hours:

α) Pathology Clinics (tel. 210 3688241, 210 3688243)

- Monday - Wednesday - Friday 8.00 - 14.30

- Tuesday and Thursday 8.00 - 13.00

b) Ophthalmology Clinic (tel. 210 3688240)

- Monday - Wednesday - Friday 8.30 - 13.30

- Tuesday - Thursday 9.30 - 14.30

c) Dental Clinic (tel. 210 3688210, 210 3688211)

- Monday to Friday 8.30 - 13.30

d) Dermatological examination

The students of the N.K.U.A. have the possibility to be examined at the "Andreas Syngros" Hospital by arrangement with the Secretariat of the Health Service of the University Club.

Student Restaurants

The University of Athens, in order to provide food for its students, currently operates four restaurants: The restaurant at the Faculty of Philosophy, which serves students attending classes on the campus, the restaurant at Goudi's that serves students of Health Sciences, the restaurant at Dafni that serves students attending the Department of Physical Education and Sports Science and the restaurant at 14 Lycabettus Street that serves students attending classes in the center of Athens.

Free meals are provided to:

α) All active students of the Hellenic University of Athens, undergraduate, postgraduate and doctoral students, provided that they do not already hold a degree, postgraduate or doctoral degree respectively.

b)

i. Students registered as visiting students at the N.K.U.A., who come from other higher education institutions of the domestic territory in the framework of educational or other research cooperation programs, as defined in Article 36, par. 2 a and b of Law 4009/2011 (Art. 195).

ii. 2 a and b of Law 4009/2011.

c) Students who temporarily move from one higher education institution to another in Greece, in accordance with the Organization of the home institution, as defined in Article 36, par. 2 e of Law 4009/2011 (Art. 195).

d) Foreign scholarship holders of the Ministry of Education, Research and Religious Affairs who are pursuing undergraduate studies at the N.K.U.A.

For more information: <http://www.lesxi.uoa.gr>

Foreign Language Courses

The School of Foreign Languages of the NKUA is an independent and autonomous academic unit, which provides higher level language teaching.

Today, 27 languages of all levels are taught at the School.

In addition, special programs are offered for anyone wishing to specialize in language, translation, law or medicine. The School of Foreign Languages issues a Certificate of Attendance & Certificate of Studies to those who successfully complete the course in which they are enrolled.

Contact telephone numbers: 210 3688232, 210 3688263, 210 3688265, 210 3688266, 210 3688267, 210 3688204, 210 3688270.

For more information: <http://www.lesxi.uoa.gr>

Music Department

The Music Department is responsible for the musical education of students and in particular the organization of courses and seminars in musicology, music history, musical instruments, art, folk and Byzantine music, as well as the organization and operation of a student choir and orchestra.

The main core of its operation and its participation in university life was - and still is - the mixed choir and orchestra of the University of Athens with a repertoire of both classical and Greek music.

The performances of the Music Department in University ceremonies, in concerts inside and outside the University, in Greece and abroad, attract the interest of the students and are motivation for their participation in the Music Department, a place where, apart from the practice of art, not only the communication of persons is forged, but also - due to the different sciences the students study - inter-scholastic, interdisciplinary communication, a place where the student's university life is concentrated.

It has a large training room equipped with the necessary sound facilities, a music library with classical music, a discotheque with classical music records, a film library and other musical instruments.

The Music Department is located on the 4th floor of the University Club (Tel. 210-36.88.235, 210-36.88.229).

For more information: <http://www.lesxi.uoa.gr>

Gymnastics and Sports

The purpose of the University Gymnasium is the organization and operation of physical exercise programs and sports activities for students, including the teaching of the art of sports.

The University Gymnasium and its sports facilities in the University Campus - Ano Ilisia are available to all students of the University of Athens, so that they can participate in the various programs and sports sections, making use of their free time, organize their activities and give themselves a new quality of life and content, which will ensure their mental and physical health and contribute to the creation of a balanced personality.

Interested students can choose any of the activities offered, such as Tennis, Swimming, Football, Classical Gymnastics, Chess, etc.

Registration is open daily Monday to Friday from 10:00 to 13:30. To register, students must present their pass and a certificate from a physician or cardiologist.

The Gym is open continuously from 09:00 to 18:00 every day except weekends.

Apart from their recreational participation in the activities, the participating students can join the representative teams of their department and/or the University and participate during the academic year in internal, inter-university and international student leagues.

Information is available at the telephone numbers:

210 727 5551, 210 727 5557, 210 727 5560 and 210 727 5549.

Care for Housing and Work

The Public Relations and Student Employment Department of the Panhellenic Club has the following responsibilities:

- Informing students about a variety of issues that concern them, such as scholarships and awards, seminars, workshops, conferences. It also provides information on Student Housing issues (admission procedure to the Student Residence - renting apartments), and, in general, informs students about the benefits of the University Club and any other issue concerning student life at the University of Athens.

- It receives applications from students wishing to work and facilitates them in finding employment. It also registers - codifies requests from the labour market by informing and contacting students who meet the requirements - criteria mentioned in each request.

- It supervises the operation of the Cultural Club of Students of the University of Athens and undertakes, in cooperation with its Sections, the organization of various student cultural events.

The Department is located on the 4th floor of the University Club (Ippokratous 15). Contact phone: 210 368 8227 - 210 368 8251 - 210 368 8254

For more information: <http://www.lesxi.uoa.gr>

Liaison Office

The Liaison Office is the link between the University and the job search industry in order to provide services to students and graduates of the University of Athens. The main objective of the Liaison Office is to prepare new graduates for their smooth integration into the professional world, to facilitate and support them in their professional and educational career. The aim of the Liaison Office, through its career guidance services, is to support students-graduates in developing and continuously adapting their skills throughout their lives, alongside the new and ever-increasing demands.

More specifically, the Guidance Office provides the following services:

1. Development of advisory, career guidance, information, and guidance services for interested students and graduates at the NKUA, in order to facilitate the selection of the most appropriate professional and educational directions for them. Assistance and advisory support to students and graduates, both during the job search process and during the application process for postgraduate studies (drafting of CVs, letters of recommendation, preparation for selection interviews, etc.) through individual and group meetings, concerning the development of skills.

2. Development and enrichment of a Web site (<http://career-office.uoa.gr>) for students, alumni, businesses, and issues of academic interest.

3. Monitoring the labour market in a systematic way, recording vacancies/new jobs, informing students/graduates about the required job qualifications. Also, at regular intervals, organizes Career Days with the participation of major Greek and international companies.

4. Conducting surveys and studies regarding the situation in the labour market, the absorption of graduates and the productive sector in general. Occupational description guides and vocational guidance. Informing the departments of the Foundation and the Senate.

5. Publicity and dissemination of the results of the University of Athens Liaison Office. The Liaison Office participates in exhibitions, organizes workshops and publishes brochures and posters promoting its work. It invites speakers and cooperates with productive institutions and embassies to organize joint events.

6. Support the Youth Entrepreneurship Program, which aims to develop the entrepreneurial spirit.

7. Developing links with secondary education, the Counselling and Guidance Centers and the School Counselling and Guidance Offices.

8. International Career/Liaison Unit

Within the Liaison Office, the International Career Unit in the Regional Liaison Office of the Department of Political Science and Public Administration is operating on a pilot basis. It aims at the timely and systematic collection of all notices, competitions and vacancies in European and international organizations, non-governmental organizations, international missions and activities, research centers and other related needs, permanent or short-term. It also seeks to create a global network of Greek executives who serve or have served in international organizations.

Contact:

Central Liaison Office

Postal address,

Athens, 157 84 Athens, 157 84

Telephone: 210 727 5220, 210 727 5190

Fax: 210 727 5214

E-mail: [gd\(at\)di.uoa.gr](mailto:gd@di.uoa.gr)

Location on the map

Website

Regional Liaison Office of the Department of Political Science and Public Administration

Postal address.

Phone: 210 368 8947

E-mail: [imeleas\(at\)pspa.uoa.gr](mailto:imeleas@pspa.uoa.gr)

Student residences

The University of Athens operates the Student Residence of the University of Athens (FEPA) which consists of 4 buildings, dormitories A, B, C and D, located on the University campus. The old F.E.P.A. was also located there.

Only students of the NKUA as well as students of other universities and TEI of the basin, whose brothers and sisters already reside in the dormitory, are admitted to the dormitories.

The admission criteria are social and are described in the Operating Regulations, which also contain all the living rules.

A restaurant operates for the hostellers in building A. In the same building there are medical clinics that serve both the hostellers and the staff of the University Departments on campus. There is also a computer room.

For more information, students can contact the F.E.P.A. Secretariat.

The telephone number of the Student Housing Secretariat is.

Website: <http://fepa.uoa.gr>

Students' Cultural Club (P.O.F.F.P.A.)

For the entertainment and development of the students' artistic identity, the Students' Cultural Club operates, which includes the Theatre, Dance, Film and Photography Sectors.

The Students' Cultural Club aims to support and promote the artistic activities of the students of the NKUA. It is a "place" of collective expression and creation. Students are brought into contact with works of art and encouraged to create their own artistic works.

The Student Cultural Club includes (4) four areas.

To become a member of the P.O.F.F.P.A., a student need only apply in writing to the office of the area of interest (the Drama, Photography and Film are located on the Mezzanine Floor, while Dance is in the First Basement of the University Club).

210-36 88 205 - 210-36 88 275 - 210-36 88 276.

The Student Cultural Club of the NKUA is represented by a Management Committee, elected by election by all the members of the Student Cultural Club.

The Students' Cultural Club in cooperation with the Department of Public Relations organizes various cultural events and all students who wish to participate in them may do so.

Student Reading Rooms

The student reading rooms are in the building of the University Club, at 15 Ippokratous Street. There are two (2) Reading Rooms in the premises of the Student Club, at 15 Ippokratous Street (one on the 2nd floor, with 250 seats, and one on the 4th floor of the same building with 120 seats and 4 computers available to students). The reading rooms are open every day, except Saturday and Sunday, from 8 am to 9 pm. At the same time, a reading room is also open on the campus premises.

In the Reading Rooms, students' study with their own books or with books from the library, borrowed with their student or police ID card and by filling in a library loan form (internal borrowing). If the student has not yet been provided with a student ID card (newly enrolled students), the books are borrowed with another proof of the student ID card, together with the identity card. Books are not borrowed outside the Student Reading Rooms.

Tel: 210-3688219 (2nd floor), 210-3688231 (4th floor).

LIBRARY OF THE SCHOOL OF SCIENCE LOCATION

The Library of the Faculty of Science is housed in a building between the Departments of Physics and Mathematics, where the main entrance of the Library is located. There is a second entrance to the Library from the corridor on the 3rd floor of the Department of Mathematics.

CONTACT

Information: 210 727 6599, Secretariat: 210 727 6525

Website: <http://sci.lib.uoa.gr/>, E-mail: sci@lib.uoa.gr



OPERATING HOURS

The Library of the Faculty of Sciences is open:

Monday to Friday 08:30 - 19:00 and Saturday 09:00 - 14:00

The Library is closed on public holidays, as determined by the Rector's Council. During holidays (Christmas, Easter, summer) the opening hours are adjusted accordingly.

The Secretariat and the Interlibrary Loan Office are open Monday to Friday from 09:00 to 15:00.

COLLECTION

The Collection includes books, scientific journals (printed and electronic), postgraduate theses, doctoral dissertations, maps and other material in the following subject categories: Biology, Geology and Geo-environment, Mathematics, Computer Science and Telecommunications, Pharmacy, Physics, Chemistry.

LIBRARY SERVICES

READING ROOMS AND GROUP STUDY ROOMS

The Library has five reading rooms (3rd and 4th floors) and four group study rooms for six people (3rd and 4th floors).

PERIODICALS SHOWROOMS

The Library has a room on the 3rd floor where the latest issues of current periodicals (those available in print and for which subscriptions are still being taken out) are on display.

COMPUTER WORKSTATIONS (COMPUTER WORKSTATIONS)

In the Library (3rd and 4th floor) there are special areas with computer workstations for searching the material of the University of Athens Libraries in the Open Public Access Catalogue (<http://www.lib.uoa.gr/yphresies/opac/>).

All users of the Library have the possibility to search and access the full text of articles of the scientific journals of the Consortium of Hellenic Academic Libraries (HEAL-LINK) on the website www.heal-link.gr, which supports more than 9,000 journal titles, the electronic subscriptions of scientific journals of the University of Athens which supports more than 1,000 journal titles, as well as bibliographic databases and other services through the website of the University of Athens Libraries (<http://www.lib.uoa.gr>).

Computers are also available in a reading room on the 3rd floor of the Library, which all members with a lending card are entitled to use.

In addition, users can also use their personal laptops, with wireless connection in the reading rooms and wired connection in the group study rooms.



LENDING

The following are entitled to borrow books: a) Members of the Teaching, Research, Administrative and other staff of the University of Athens and b) undergraduate and postgraduate students of the Faculty of Sciences of the University of Athens.

The following are required for the issuance of the loan card:

- Identity card,
- ID card of the university community (Athens University ID card, student ID card),
- one (1) photograph
- (1) one copy of the application form, one copy of the application form, one copy of the application form, one copy of the application form.

The application can be submitted at the Secretariat (Monday to Friday 08.30 - 15.00) and at the Service Office on the 3rd floor (daily 15.00 - 19.00 and Saturday 09.00 - 14.00).

The keeping of the file containing the above information is subject to the Personal Data Protection Act.

For the categories of users who are not able to borrow the material, entry to the Library is permitted upon presentation of their identity card, which is returned upon leaving. The lending card is non-transferable and can only be used by its holder.

Users of each category have the right to renew borrowed material up to two times. At the end of the last renewal and after 15 calendar days, the user may borrow the same item again. The Library reserves the right to recall borrowed material in cases of increased demand. Any user who needs material that is already on loan has the right to reserve it. The maximum limit for reserving material per user is two (2) items. If not requested within three business days, the right to reserve is lost. For material that has been reserved by more than one user, the borrowing period is reduced to better serve everyone.

The detailed User Regulations are available at: <http://sci.lib.uoa.gr/>.

RESERVATION

The Interlibrary Loan Office undertakes to search for books and journal articles in other libraries which are necessary for the user's study and research, and which are not in the Library's collection.

WORKSHOPS FOR PERSONS WITH DISABILITIES

On the third floor of the Library, in a specially designed area, there are workstations for people with disabilities. There are three workstations covering people with blindness, impaired vision, motor disabilities and deafness. The workstations are equipped with special devices and software to facilitate access to the computer, the Internet and the library's collections for all people with disabilities, especially for those who have problems in handling printed material (print disability). They can also be used in the context of writing assignments by students with disabilities or in the cooperation between students with disabilities and fellow students who are volunteers supporting their studies.



TRAINING OF USERS

Every Monday from 10:00-12:00 a tour of the Library and information about the Library's services is provided. Those interested can register by filling in their name on the special form (information at the Service Desk on the 3rd floor).

Accessibility Unit for Students with Disabilities

The mission of the Accessibility Unit for Students with Disabilities is to achieve in practice equal access to academic studies for students with different abilities and requirements. The means employed are Adaptations to the Environment, Assistive Information Technologies and Access Services. The aim is to meet the basic needs and requirements such as: interpersonal communication with members of the academic community, note-taking and writing assignments, access to university buildings, educational materials, classroom blackboard and projections, examinations, and internet content.

The Accessibility Unit includes:

- Registration Service.
- Electronic Accessibility Department.
- Department of Accessibility in the Built Environment.
- Transport Service.

The activities of the Unit include the systematic recording of the needs of all students with disabilities. The registration and services of the Unit are not only for students admitted with special provisions (3%), but also for those admitted with regular or special examinations, as well as for those who acquired a disability during their studies.

The Unit provides assessment of competences of disabled persons using scientific methodology and depending on the specific needs of the student, proposes a specialised Assistive Technology solution. It then helps in the procurement of appropriate equipment and software and technical support in the composition of the personalized technological application.

The Accessibility Unit provides expertise, guidance and tools on Internet Accessibility and checks the accessibility of the websites to ensure that they comply with international guidelines. In addition, the libraries are equipped with workstations and specialised aids for students with blindness, impaired vision, and those with upper limb disabilities.

The main service of the unit is the daily transportation of the FMEs from their homes to the study areas and vice versa. It has a specially designed vehicle that can transport five FmeAs at a time, two of whom are wheelchair or wheelchair bound. The service operates continuously on weekdays from 07:00 to 22:00 with two shifts of drivers.

In the field of Environmental Adaptations, accessibility standards are ensured in the new buildings under construction at the University of Athens and modifications are made to the existing buildings to make them accessible (installation of ramps, lifts, handrails, accessible toilets, special signage for people with visual impairment, low wall-mounted payphones and water coolers, parking spaces for disabled people). Finally, audible signage is installed at traffic

lights and special navigation paths on the pavements around the buildings of the University of Athens for people with visual impairment.

Information and dissemination activities are organized and information leaflets have been published and are available at the secretariats of all departments of the University of Athens.

Contact

Telephone: 210-727 5183

E-mail: access[at]uoa[dot]gr

1.8.2 SCHOLARSHIPS - AWARDS

Every year the University of Athens grants scholarships for undergraduate and postgraduate studies at home or abroad as well as awards to students, authors of scientific papers, etc. Scholarships and prizes are granted according to the will of the testator of each endowment, subject to certain conditions and sometimes by competition and sometimes by selection. The number of scholarship holders is not fixed or the same every year because it depends on the income of each endowment.

Here is a table of the endowment scholarships and awards that are also applicable to students in the Department of Pharmacy. More information can be obtained from the University of Athens Endowments Office (Christou Ladas 6, 6th floor).

Scholarships

1. Maria Avrasoglou: Scholarships, by selection, to students of all Schools and Departments of the NKUA, originating from Eastern Rumelia.
2. Ioannou Varyka: Scholarships, by competition, to students from all Schools and Departments of the NKUA.
3. Con. Con: Scholarships, after a competition, to students of all Schools and Departments of the NKUA, originating from Arta.
4. Theod. Theo: Scholarships, by selection, to students of all HEI's, originating from Siatista, Kozani.
5. E. Micheloudaki: Scholarships, by competition, to needy and financially generally weak students originating from the Prefecture of Rethymnon, who reside in Athens.
6. Sp. Sp. Baltatzi: Scholarships, by choice, to needy students of all the universities of the country, descended from the paternal or maternal line, from Syrrako, Ioannina.
7. Ant. Papadakis: Scholarships, after a competition, to students of all Schools and Departments of the NKUA.
8. S. Papazafeiropoulou: Scholarships, by selection, to students of all Schools and Departments of the Hellenic Universities, coming from the Municipality of Andritsaina, preferably, or from the Province of Olympia or finally from the Prefecture of Ilia, according to the criteria of the order of their admission to the Schools or Departments or their promotion from the previous to the next year of study, with preference to the needy.
9. Θ. Surli: Scholarships, by selection, to needy students of all the Schools and Departments of the NKUA, originating from the Laconia region.
10. Maria Stai: Scholarships, with selection, to Kytherian first-year students, in the order of their admission, in any Faculty of any University Sector of a Greek Higher Educational Institution, except the Military Schools, with preference to those admitted to the Physical and Mathematical Sciences.

11. I. Sfoggopoulou: Scholarships, after a competition, to needy students of all Schools and Departments of the NKUA, coming from the South of Magnesia and preferably from the twenty-four (24) villages of Pelion.
12. D. Skholari: Scholarships to needy or orphaned students preferably a) of all the Polytechnic Schools of the country and among them to be preferred the NTUA and b) of the other Schools and Departments of the country (origin from Vendisti [Amaranto N. Trikala]).
13. A. Topouzoglou: Scholarships to students of the NKUA, preferably needy, with Greek citizenship or coming from the Hellenism of Turkey.

Awards

1. P. Mari-Kamara: Award to the best students of all the Departments of the School.
2. Pantia Rallis.
3. E. Tsampoula: Award of a prize to a student, with satisfactory performance in the courses, of the Faculty of Medicine, preferably, otherwise of the Department of Dentistry, otherwise of any other Faculty or Department of the same, originating, in order of preference, either from Megalo Chorio Evritania, or from Karpenisi, or from the villages: Mikro Chorio, Vutyro, Aniada, Nostimo, Karitsa, Dermati.
4. Aspasia Papadaki-Valiraki: Awarded annually to an outstanding graduate of the Department of Pharmacy.
5. Evangelos Kostakis: Awarded annually to an outstanding graduate of the Department of Pharmacy.

1.8.3 FREE SUPPLY OF TEXTBOOKS

The distribution of textbooks from the academic year 2010-2011 is done through the information system EUDOXOS per course. Specifically, each student is entitled to only one textbook from the options provided by the program. The distribution of the declared textbooks is carried out by the bookstores in the program. Distribution of notes or aids available for the courses is done under the care of the Sections.

1.9. LABORATORY RESEARCHERS

The Department accepts Laboratory Researchers, holders of a master's degree or a Doctoral Degree, for research or postdoctoral research.

2. DEPARTMENT OF PHARMACY

2.1. HISTORICAL BACKGROUND

Pharmacy is one of the first sciences taught at the University of Athens.

On May 18, 1835, a Royal Decree was signed for the establishment in Athens of a "Theoretical and Practical Teaching House of Surgery, Medicine and Pharmacopoeia", exactly one year before the Royal Decree of 1836, which established the NKUA.

On July 15, 1838, a "Chair of Pharmacology" was established in the Medical School, providing the diploma of Pharmacist.

In 1843 the 'Pharmaceutical School' was founded, which was directed by the Dean of the Medical School.

In 1905 the School of Pharmacy was detached from the Faculty of Medicine and attached to

the Faculty of Physics and Mathematics.

It rejoins the Medical School in 1911 and in 1922 returns as the "Pharmacy School" to the Faculty of Physics and Mathematics.

In 1982 it was attached as the "Department of Pharmacy" to the Faculty of Health Sciences. Since 1990, by the decision of the Council of State No. 32/90, which annulled the Decree 410/87 on the establishment of the Faculty of Health Sciences, the Department of Pharmacy has been independent.

Following the Decree 85/2013 (Government Gazette 124/A/3-6-2013), the Department of Pharmacy was incorporated into the Faculty of Health Sciences of the National Academy of Sciences.

The teaching of Pharmacy began in the Royal Pharmacy at the corner of Academias and Vas. Sofias streets, while the first official Laboratory of Pharmaceutical Chemistry was established in 1837 in the basement of the University and in 1866 it was moved to two rooms on the ground floor.

In 1869, the so-called "Pharmaceutical Care Centre" was founded and located in the three north-eastern basements of the University.

In 1870 the first Chemistry Department was built in the courtyard of the Papadopoulou House at the corner of Academias and Massalias Streets and in 1928 it was moved to Solonos Street. This building was built in 1890, destroyed by fire in 1910 and reopened in 1913.

Since 1992 the Department of Pharmacy has been housed in the building complex of the Faculty of Sciences on the campus.

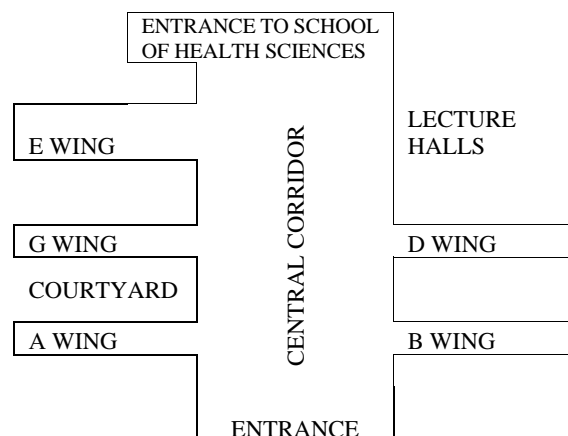
The first Chair of Pharmacy was Pharmaceutical Chemistry, and in 1932 the Chair of Pharmacognosy was established. The Chair of Pharmaceutical Technology was established much later, in 1979.

By Law 1268 of '82 these chairs were renamed as Sections.

2.2. BUILDINGS HOUSING THE DEPARTMENT OF PHARMACY

The Department of Pharmacy is housed in the Sciences building complex on the University campus. The Departments of Biology, Geology and Chemistry are housed in the same complex. The premises of the Department of Pharmacy occupy the north-eastern part of the complex. The building facilities of the campus and a brief architectural plan of the premises of the Department of Pharmacy are presented on the following pages.

The Department communicates internally with the other Departments of the complex through a grid of corridors.



**NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS
DEPARTMENT OF PHARMACY**

GROUND FLOOR

A WING	B WING
-Department of Pharmacognosy and Chemistry of Natural Products Laboratories (F.G.) -Research facilities for large laboratory animals	- Research facilities for small laboratory animals (Pharmaceutical Technology Division) - Research Laboratories of the Pharmaceutical Technology Division

1ST FLOOR DIVISION OF PHARMACOGNOSY AND CHEMISTRY OF NATURAL PRODUCTS			
A WING	B WING	D WING	CENTRAL CORRIDOR
- Offices for teaching staff - Laboratories	- Offices for teaching staff - Laboratories	- Conference Room - Laboratories	- Secretariat - Offices for teaching staff - Laboratories - Lecture Halls FM 1, FM 2

COURTYARD
-E-governance Department -Laboratories

2ND FLOOR DIVISION OF PHARMACEUTICAL TECHNOLOGY			
A WING	B WING	G WING	D WING
- Secretariat - Offices for teaching staff	- Laboratories	- Laboratories - Lecture Halls for Pharmaceutical Technology and Pharmaceutical Chemistry Divisions -Conference room for Pharmaceutical Chemistry Division	- Computer room - Lecture Halls

ENTRANCE TO SCHOOL OF HEALTH SCIENCES
- Secretariat of the Pharmacy Department

3RD FLOOR PHARMACEUTICAL CHEMISTRY DIVISION			
G WING	D WING	E WING	CENTRAL CORRIDOR
- Offices for teaching staff - Laboratories	- Offices for teaching staff - Laboratories	- Secretariat - Offices for teaching staff - Laboratories	- Offices for teaching staff

You can find the Department of Pharmacy at the following **pin**:

<https://www.google.com/maps/place/Φαρμακευτική+Σχολή+Πανεπιστημίου+Αθηνών/@37.9696581,23.7837173,16z/data=!4m5!3m4!1s0x0:0x866572f56749cc5e!8m2!3d37.9680259!4d23.7865689>

Access to the campus is by bus:

- 220 UPPER ILISIA - ACADEMIA (CIRCULAR)
- 221 UNIVERSITY CAMPUS PANEPISTIMIOPOLIS - ACADEMIA (CIRCULAR)
- 235 ZOGRAFOU - ACADEMIA (CIRCULAR)
- 224 KAISARIANI - EL. VENIZELOS (POLYGONO)
- 250 UNIVERSITY CAMPUS PANEPISTIMIOPOLIS - EVANGELISMOS (CIRCULAR)

E90 PIRAEUS - UNIVERSITY CAMPUS (SCHOOL EXPRESS)
140 POLYTONO - GLIFADA (Bus stop "Student Residence". Oulof Palme)
608 GALATSI - ZOGRAFOU

More information on timetables and stops can be found on the website: <http://www.oasa.gr>

3. POSTGRADUATE STUDIES AT THE DEPARTMENT OF PHARMACY

The Department of Pharmacy offers postgraduate programs leading to the Master of Science and Doctor of Philosophy degrees.

3.1 ORGANIZATIONAL STRUCTURE AND FUNCTION OF THE POSTGRADUATE STUDIES PROGRAMS

The Department of Pharmacy of the NKUA has been offering an organized Postgraduate Studies Program 1993-1994, in accordance with the provisions of articles 10 to 13 of the Law 2083/1992 and the 12-5-1993 decision of the Special General Assembly. The objectives of the postgraduate studies are the promotion of scientific knowledge and the fulfilment of the educational, research and development needs of Greece in the field of Pharmaceutical Sciences. Postgraduate studies aim to offer specializations to young scientists both in the wider field of Pharmaceutical Sciences and its more specialized branches to enable them to contribute to the educational and economic development of the country. In addition, postgraduate studies leading to the acquisition of a Doctorate Degree are designed to help scientists acquire the breadth of knowledge and research ability required for them to contribute to the further development of Pharmaceutical Sciences and their applications covering more than one specialization. To achieve the above goals, the Department of Pharmacy seeks cooperation with other Departments of the School of Health Sciences, but also other Departments of the same or other higher education institutions both in the country and abroad as well as with Industry. The Department of Pharmacy offers six MSc degree programs in the following fields:

1. Design and Development of New Pharmaceutical Compounds
 - a. Pharmaceutical Chemistry
 - b. Pharmacology
 - c. Radiopharmaceutical Chemistry
2. Pharmaceutical Analysis - Quality Control
3. Isolation, Development, Production and Control of Bioactive Natural Products
4. Industrial Pharmacy
5. Clinical Pharmacy
6. Cosmetology-Dermatopharmacology

In addition, the Department of Pharmacy awards a Doctorate in Pharmaceutical Sciences.

3.2. “COSMETOLOGY-DERMATOPHARMACOLOGY” POSTGRADUATE STUDIES PROGRAM

3.2.1. “COSMETOLOGY-DERMATOPHARMACOLOGY” COORDINATING COMMITTEE

(Decision of the Assembly of the Department 20.07.2023)

- Director of “Cosmetology-Dermatopharmacology” Program: Michail Rallis, Associate Professor

- Heleni Skaltsa, Professor
- Nikolaos Drakoulis, Professor
- Evangelos Karalis, Associate Professor
- Paraskevas Dallas, Assistant Professor

3.2.2 OBJECTIVES AND EXPECTED LEARNING OUTCOMES OF THE “COSMETOLOGY-DERMATOPHARMACOLOGY” PROGRAM

A. OBJECTIVE – PURPOSE

The purpose of the "Cosmetology-Dermatopharmacology" postgraduate program is the provision of high-level postgraduate education in the scientific field of "Cosmetology-Dermatopharmacology".

Its object is the study of active compounds - preparations which contribute to health, prevention and treatment of skin diseases.

The postgraduate program leads to the awarding of a Postgraduate MSc Diploma in "Cosmetology-Dermatopharmacology" after full and successful completion of the studies based on the curriculum.

The titles are awarded by the Department of Pharmacy of the School of Health Sciences of the National and Kapodistrian University of Athens.

B. EXPECTED LEARNING OUTCOMES

Graduates of the "Cosmetology-Dermatopharmacology" program upon successful completion of the program know and understand in depth:

- i. The anatomy, physiology and pathology of the skin.
- ii. The activity and toxicity of cosmetic, medical and pharmaceutical active substances and raw materials.
- iii. The evaluation of toxicity and activity of cosmetics, topical medical devices and topical pharmaceutical preparations
- iv. Raw materials for cosmetics and topical pharmaceutical preparations, nanoparticles and their main cosmetic and topical pharmaceutical forms.
- v. Modern analytical methods as well as their applications in pharmaceutical and cosmetic preparations
- vi. Microbial infections of the body, antimicrobial controls of cosmetics and topical pharmaceuticals
- vii. The methodology of statistical thinking, analysis and presentation of data in order to draw scientifically sound and therefore rational conclusions.
- viii. Evidence of molecular pharmacology and oxidative stress to approach the mechanisms of action of drugs
- ix. Principles of genetics in relation to the skin.

- x. Basic and clinical immunology of the skin with the aim of better understanding the pathology and mechanisms of action of active substances for the treatment of the skin.
- xi. Elements of good laboratory and industrial practice.
- xii. The legislation of cosmetics, medical technology and topical medicines.
- xiii. Major environmental and dietary influences on skin health.
- xiv. Contribution of natural products to skin health and pathology.
- xv. Search methods, structure of a scientific article, writing and presentation of papers.
- xvi. The basic principles of entrepreneurship and innovation.
- xvii. Preparation of cosmetics and topical pharmaceutical preparations
- xviii. The real demands of the working environment due to the mandatory internship and seminars by scientists working in the entire spectrum of Pharmacy.

Work and research activity experience from visits to pharmaceutical, cosmetic, raw materials and research centers industries.

The learning skills will allow either to continue studies at a PhD level or to work in the field of Cosmetology-Dermatopharmacology

3.2.3 ADMINISTRATION AND MANAGEMENT OF THE “COSMETOLOGY-DERMATOPHARMACOLOGY” PROGRAM

Administrative bodies for the running of the MSc program according to the law 4957/2022 are:

A. At the Institution level:

A1. The Postgraduate Studies Committee

A2. The Senate.

B. At the Department level:

B1. The Assembly of the Department

B 2. The Coordinating Committee (SC)

B3. The Director of the MSc program.

C. Secretarial support for the postgraduate program:

a) The Secretariat of the Department of Pharmacy is responsible for the secretarial and administrative support of the postgraduate program. The Secretary of the Department has appointed a specific member of the secretariat to be responsible for the Postgraduate Programs of the Department (Ms. Aikaterini Nikolaidou, tel. 210 7274666)

b) An administrative employee of the division of Division of Pharmaceutical Technology also participates in the secretarial support of the postgraduate program (Ms. Vassiliki Papathanasiou, tel. 2107274367)

More information about the structure and administrative bodies of the MSc program is provided in the Internal Regulation for the Operation of the postgraduate program in "Cosmetology-Dermatopharmacology" (see APPENDIX II).

3.2.4 CATEGORIES-NUMBER OF ENTRANTS – ENTRY PROCEDURE

For the postgraduate program of "Cosmetology - Dermatopharmacology" holders of a degree from the Departments of Medicine, Pharmacy, Chemistry, Chemical Engineering, Biology, Biological Applications-Biotechnology and Biochemistry of universities within the country or of similar, recognized by DOATAP, institutions abroad are accepted. It should be noted that 80% of those admitted to the program will be graduates of the University Departments of Medicine and Pharmacy of the Schools of Health Sciences.

Foreign holders of the above degrees are also accepted as long as they have B2 level Greek language proficiency. Students from foreign institutions must provide a certificate of correspondence and equivalence from DOATAP or start the process of recognition of the degree by DOATAP, in accordance with the applicable legislation.

They are accepted as supernumerary members of the EEP, EDIP and ETEP categories in accordance with par. 8 of no. 34 of Law 4485/17. The maximum number of supernumeraries cannot exceed one (1) per year.

The "Cosmetology - Dermatopharmacology" postgraduate program will accept a maximum of 12 (twelve) students per academic year and is planned to employ 18 (eighteen) teachers.

1) Over 60% of the teachers will come from the Department of Pharmacy of the EKPA (in accordance with the provisions of article 36 of Law 4485/2017, as amended and in force).

2) Under 40% (i.e. 4) will consist of faculty members from other Departments of the same or another HEI, EDIP, PhDs (in accordance with what is mentioned in article 10 of this Regulation) as well as established scientists of recognized prestige with specialized knowledge and experience in subject of the course-practical exercise (§5, article 36, Official Gazette 114A) from the country or abroad, who have a position or qualifications as a professor or researcher or person in charge of a research center or hospital or industry of local preparations.

3) Additional teachers from the previous category (number 2) may participate in the teaching of the courses, but they will not have independent teaching and will only offer part of the course. The coordination and supervision of these courses will be assigned exclusively to faculty members of the Department of Pharmacy.

This corresponds to an average ratio of 1.3 lecturers/student.

It is noted that the maximum number of postgraduate students in the PMS of the Department of Pharmacy is approximately 90 (ninety) per year in relation to the number of approximately 190 (one hundred and ninety) undergraduate students per year and the 42 (forty-two) teachers of the Department of Pharmacy of the EKPA .

The above data are approximate and correspond to the data of the year the regulation was drawn up.

4. METHOD OF ENTRY

The selection of students is made in accordance with Law 4485/2017 and the provisions of this Postgraduate Studies Regulation of NKUA.

The date for application submissions is posted on the website of the Department of Pharmacy of the NKUA in the period of June-July, following the approval of the Assembly of the Department of Pharmacy. The relevant applications together with the necessary supporting documents are submitted to the Department's Secretariat, within a deadline specified in the announcement, which may be extended by the Department's Assembly.

Necessary supporting documents are:

- Application form
- Curriculum vitae
- a photocopy of both sides of the Identity card
- A clear photocopy of the degree or certificate of completion of studies showing the final grade, as well as the average grade obtained for the degree within the year that the candidate graduated.
- Grades obtained for all undergraduate courses
- Certificate of English language proficiency, level B2 or higher
- Two (2) letters of recommendation
- Scientific publications if any
- Evidence of professional or research activity if any
- A greek language certificate, certified by the SE of the Postgraduate Studies Program, knowledge of the Greek language for foreign candidates (Greek language proficiency of at least B2 level), unless they are graduates of a Greek educational institution.
- Recognition of a foreign academic degree by D.O.A.T.A.P.

The date for application submissions is posted on the website of the Department of Pharmacy of the NKUA in the period of June-July, following the approval of the Assembly of the Department of Pharmacy. The relevant applications together with the necessary supporting documents are submitted to the Department's Secretariat, within a deadline specified in the announcement, which may be extended by the Department's Assembly.

For students from foreign institutions, who do not present a certificate of recognition of their academic degree from D.O.A.T.A.P., the following procedure is followed:

The Assembly of the Department appoints a committee responsible for determining whether the foreign institution or the type of foreign institution title is recognized. For a degree to be recognized:

- it must be awarded by an institution included in the list of foreign institutions, which is kept and updated by D.O.A.T.A.P.,
- the student must present a certificate issued and sent by the foreign university verifying that he/she studied in that institution. If the institution is located on Greek soil, the degree is not

recognized, unless at least part of the degree was obtained at an institution for Higher Education in Greece.

The evaluation of the candidates and the selection of those to be admitted, is based on the following criteria:

A/A	CRITERIA	% OF FINAL SCORE
1	FINAL GRADE FOR DEGREE ^{1,2}	30
2	UNDERGRADUATE DISSERTATION	10
3	ADDITIONAL DEGREE OR POSTGRADUATE DIPLOMA ³ (GRADE)	10
4	SPECIAL COURSES ^{4,5,6} PHARMACOLOGY I, PHARMACOLOGY II, TOXICOLOGY I, TOXICOLOGY II, PHYSIOLOGY, PHARM. TECHNOLOGY I / DERMATOLOGY I, PHARM. TECHNOLOGY II / DERMATOLOGY II, COSMETOLOGY, CONTROL AND EVALUATION OF COSMETICS AND TOPICAL MEDICAL DEVICES, PHARMACOGNOSY I, PHARMACOGNOSY II	10
5	-NUMBER OF PUBLICATIONS IN JOURNALS OR PRESENTATIONS AT CONFERENCES -NUMBER OF SEMINARS RELATED TO THE FIELD OF STUDY -WORK EXPERIENCE RELATED TO THE FIELD OF STUDY	10
6	INTERVIEW	30

1. The grade for a foreign university degree will be appropriately adjusted on the 0-10 scale as follows:

1a. Grades on a 'nominal' scale (e.g., A, B, C etc.)

The adjusted grade of the candidate will be calculated as: a) number of points (k) between the degree grade and the lowest grade (not including the lowest grade), b) total number of points (λ) i.e., between the highest and lowest grades, c) the corresponding grade on a scale of 0-10 will be: $5 + (10-5) * k/\lambda$.

Example: if the grade is B and the lowest grade is D, then: B, C $\rightarrow k=2$, A, B, C $\rightarrow \lambda=3 \Rightarrow$ score: $5 + 5 * 2/3 = 5 + 3.33 = 8.33$.

1b. Scores on a 'continuous' scale that consider a 'pass mark' other than '5'

The adjusted grade of the candidate will be calculated in accordance with paragraph 1a using the differences instead of the number of points, i.e., with the help of the equation:

Adjusted grade = $5 + (10-5) * (\text{grade} - \text{pass mark}) / (\text{highest grade} - \text{pass mark})$

Example: if the degree is 6.5 and the base is 4, then: $5 + (10-5) * (6.5-4) / (10-4) \rightarrow 7.08$.

2. Degree grade of at least 6.5 (or equivalent grade on another scale) from a local or foreign Institution. The degree grade will be weighted in terms of the grade point average of the academic year that the candidate graduated. The average value of the degree will be officially requested by the secretariat of the Department of Pharmacy NKUA.

3. If there is more than 1 degree/postgraduate diploma, then their average is used (appropriately weighted according to '1a', '1b' and '2' above).

4. With a foreign university degree, the grade of each "special course" will be calculated according to '1a' and '1b' above.

5. With candidates from Departments of Pharmacy (domestic or foreign) other than NKUA, the selection of the "special courses" corresponding to those mentioned for the Department of Pharmacy, NKUA, is done by the SE. If more than one course of the candidate's institution corresponds, then the average grade for these courses is considered. If there is no corresponding course from the candidate's institution, then the "Special Course" shown in the above table is not included in the calculations.

6. If one of the "Special Courses" ceases to exist, it will be withdrawn from the calculation.

Based on the overall criteria, the SE prepares a detailed written student evaluation and submits it for approval to the Department Assembly.

Successful applicants must register at the Department's Secretariat within five (5) working days after the decision of the Department's Assembly.

If two or more candidates have an equal overall score, the candidates with the same grade are admitted, but the number of candidates must not exceed 10% of the maximum number of admissions.

If one or more students fail to register, the runner-up candidates (if any), will be invited to register in their place.

The replacement of a candidate is allowed up to one day before the start of the "Cosmetology-Dermatopharmacology" postgraduate program.

5. DURATION OF STUDIES

5.1 The period of study for the Postgraduate Diploma is defined as 3 (three) academic semesters, during which time the diploma thesis must also be completed.

5.2 In special cases, an extension can be granted, if the student submits a written application detailing the reasons for requesting the extension, which must then be approved by the Assembly. The extension may not exceed 1 (one) additional academic semester, to support the thesis, provided that the written application is made at least two months before the end of the 3rd semester. Thus, the maximum time allowed to complete the postgraduate program is set at four (4) academic semesters.

5.3 Students who have not exceeded the 4-semester upper limit allowed for completion of the program, may apply to the Department Assembly for a suspension of their studies for a period that does not exceed two (2) consecutive semesters. Suspension of studies is granted for serious reasons (illness, pregnancy, etc.). Attending another postgraduate or other educational program does not constitute a serious reason for granting a suspension. Postgraduate students have the right to apply for suspension of studies only after six (6) calendar months from the start of the program. The Department Assembly may approve the justified suspension of studies of a postgraduate student following his application or and recommendation of the Coordinating Committee. The time limit does not apply when the application is made for reasons of health that did not exist or were not known until the start of the program.

The application must be justified and accompanied by all relevant supporting documents from public authorities or organizations, which attest to the reasons for suspension of studies. Student status does not apply during the suspension and participation in any educational process is not allowed. The duration of the suspension is not added to the maximum time allowed for the study program.

At least two weeks before the end of the suspension, the student must re-enroll in the program to continue his/her studies with full active student status. Students may apply to interrupt their suspension of studies and return to the program only if they have requested suspension of studies for two consecutive academic semesters. The request to stop the study suspension must be submitted no later than two weeks before the start of the second semester of the suspension.

5.4 The duration of the suspension or extension of the study period is discussed and approved on a case-by-case basis by the SE, which then makes the appropriate recommendation to the Department Assembly. Part-time or distance learning is not allowed.

6. PROGRAM OF STUDY

The post graduate program begins in the winter semester of each academic year.

For obtaining D.M.S. a total of ninety (90) credits (ECTS) are required.

During the studies, postgraduate students are required to attend and pass postgraduate courses and laboratory exercises, research work and write scientific papers, practical training in the clinic, the laboratory and the industry of topical drugs or topical medical devices or cosmetics, visits to laboratories and industrial units etc. as well as in the preparation of a postgraduate diploma thesis. The thesis can be carried out at a foreign University or at a recognized Research Center. In the latter case, the student is exempted from attending the planned seminars concerning the third semester of studies, but is obliged to attend seminars - trainings at a University or Research laboratory abroad.

Lessons are taught live.

The courses are organized in semesters, take place on a weekly basis and are conducted in the Greek language. Attendance of all courses is mandatory.

The indicative program of the courses is structured as follows:

The course schedule is structured as follows :

First Semester	Teaching Hours/Week	Credits Units
1. Anatomy, Physiology and Skin Pathology	2	3
2. Activity – Toxicity of Drugs and Cosmetics on the Skin	2	3
3. Cosmetology	2	3
4. Applied Pharmaceutical Analysis	2	3
5. Pharmaceutical Microbiology	2	3
6. Statistical Methods and their applications in Pharmaceutical Sciences	2	4
7. Molecular Pharmacology – Oxidative Stress	2	4
8. Biochemistry – Pharmacogenetics of the Skin	2	2
9. Basic and Clinical Immunology of the Skin	2	3
10. Visits to research centers or industries or laboratories manufacturing topical products	3	2
Total	21	30
Second Semester	Teaching or Practice Hours / Week	Credits Units
1. Control and Evaluation of Topical Products	2	3
2. Nutrition , Environment and Skin	2	3
3. Nanotechnology, Natural Products in Cosmetology and Skin Pharmacology	2	3

4. Seminars on Special Topics and Bibliographic Research Methods	4	3
5. Laboratory of Topical Product Development	3	3
6. Clinical Practice	3	2
7. Laboratory of Skin Pharmacogenetics Biochemistry	2	2
8. Practice in the Industry of Production of Topical Drugs, Topical Medical Devices or Cosmetics	6	4
9. Entrepreneurship in Pharmacy	2	2
10. Diploma Thesis		5
Total	26	30
Third Semester		Credits Units
Diploma Thesis		25
Seminars – Round Tables on Special Topics	9	5
Total	9	30
Total Credit Units P.M.S.	50	90

Indicative content/description of the courses:

First Semester

Cosmetology

Introduction – Anatomy and Physiology of the Skin: Basic knowledge for cosmetology, definition of cosmetic, current regulatory framework, relationships between cosmetic and topical medicine, active substance and excipient. Skin anatomy, function and histology.

Skin Surface – Epidermis: Sebum, surface lipids, hydro-lipid film, microbial flora, epidermal layers, cells, keratinization, exfoliation.

Dermis: Dermis cells, ground substance, fibers, vessels and nerves, dermoepidermal junction, hairs.

Skin Components: Hair, sweat - sebaceous glands, nails

Skin Types - From the Skin Absorption: Oily, normal, dry, sensitive skin, barrier, absorption into and from the skin, agents, kinetics.

Raw Materials, Lipophilic Raw Materials: Their importance, regulatory framework, ingredients of cosmetic products, lipophilic raw materials

Surfactants - dehydrators - pigments: What they are, how they work, their categories, uses, toxicity, main representatives.

Antioxidants, Fragrances: Oxidative stress, antioxidants, fragrances

Preservatives – Antiseptics: Definitions, contamination of a product and sources, types of microbes and their reactions, preservation system, types of preservatives, evaluation tests, preservative-free cosmetics, alternative preservatives, substances with antiseptic properties for the skin

Active: Skin ingredients, biological extracts, biotechnology products, vitamins, amino acids, proteins.

Sunscreen Products.

Moisturizing Products, Deodorants, Antiperspirants

Hair cosmetics

Special categories (Baby cosmetics, Natural cosmetics, Nail cosmetics) and claims.

Statistical methods and their applications in pharmaceutical sciences

Descriptive Statistics (measures of centrality and dispersion).

Probability Distributions (Binomial, Poisson, normal, standard normal). Examples and Applications

Probabilities (Definitions-actions, bounded probability, Bayes Theorem. Prior and posterior probability. Examples and Applications.

Statistical Inference: Introduction, Variables, Categories of statistical methods, Procedure for choosing the most appropriate

Statistical Inference: Statistical Estimation, One Sample, Examples and Computer Application

Statistical Inference: Statistical Estimation, Two Samples, Examples and Computer Application

Statistical Inference: Hypothesis Testing, One and Two Samples, More than Two Samples, Examples and Computer Application

Linear Regression and Correlation (I): Linear Regression Analysis

Linear Regression and Correlation (II): Correlation

Linear Regression and Correlation (III): Numerical examples, Student-solved exercises - Discussion, PC application

Special cases of linear regression analysis (I): Type II regression and Weighted regression analysis

Special cases of linear regression analysis (II): Outliers - outlying observations a) in a continuous variable and b) in linear regression and correlation problems

Non-linear regression analysis

Applied Pharmaceutical Analysis

Electroanalytical methods: Potentiometry, Coulometry: Principle, instrumentation, application

Ultraviolet-Visible Absorption Spectrometry and Fluorescence Spectrometry: Principle, instrumentation, application

Atomic Absorption-Emission Spectrometry and Infrared Spectrometry: Principle, instrumentation, application

Introduction to Chromatographic Separations: General principle and chromatographic parameters

Liquid Chromatography: Principle, instrumentation

High Performance Liquid Chromatography: Selection of Stationary Phase, selection of mobile phase, optimization of the analytical method.

Gas Chromatography: Principle, instrumentation, Selection of Stationary Phase, selection of mobile phase.

Biological fluids: Sample treatment for the analysis of active pharmaceutical ingredients and metabolites in biological samples (protein precipitation, liquid-liquid extraction, solid phase extraction)

Selection and optimization of an HPLC method for the quantification of xenobiotics in biological samples based on the literature.

Validation of analytical methods: linearity, reproducibility, limit of detection, limit of quantification.

Laboratory Day 1: Ultraviolet-Visible Absorption Spectrometry: Application to dissolution experiments.

Laboratory Day 2: Quantification of ketoconazole in plasma using a reversed-phase high performance liquid chromatographic method coupled with uv detector

Pharmaceutical Microbiology

Classification and nomenclature of microorganisms, mechanisms and pathogenic factors of infections, microbial flora, bacterial symbiosis and competition.

Microbial metabolism and energy production. The growth of the bacteria culture.
Sterilization-disinfection-antisepsis.
Rate of microbial death. Microbial growth control.
Diagnostic approach to infections (microscopy, cultural, serological and molecular techniques, rapid diagnostic methods).
Internal and external quality control, accreditation, certification of medical laboratories.
Antibiotic groups and antimicrobial spectrum, mechanisms of antibiotic action, biochemical and genetic approach to mechanisms of antimicrobial resistance.
Methods for microbial sensitivity testing and for determining antimicrobial substances in biological fluids.
Gram-negative bacteria: major species, ecology, infections causing pathogenicity.
Viruses, viroids and prions: general characteristics, structure, propagation, isolation, culture, effect of physical and chemical factors.
Major viral infections (respiratory, gastrointestinal, CNS).
Fungi: characteristics, structure, life cycle, reproduction.
Fungi of medical importance and the main infections they cause.
Parasites 1. Protozoa (Characteristics, main infections they cause), 2. Helminths (characteristics, main infections they cause).
Environmental Microbiology: microbial diversity and ecology, symbiosis, ecosystems.
Quality, hygiene and safety of the aquatic environment.
Microbiology of cosmetics, drugs and special food preparations.
Probiotic microorganisms in foods and preparations. Their contribution to the treatment of infections.
Food microbiology, the role of microorganisms in food production.
Microbiological safety control in the food industry (HACCP system)

Anatomy Physiology and Skin Pathology

Anatomy and Skin physiology,
Dehydration and barrier disorders,
Irritant, Allergic, Atopic, Seborrheic dermatitis,
Ichthyosis,
Alopecia,
Rosacea,
Acne and folliculitis,
Microbial, fungal and viral infections,
Psoriasis,
Lichen,
Itching,
Nail and hair disorders,
Aging, Photoaging ,
Skin cancer.

Activity – Toxicity of Drugs and Cosmetics on the Skin

Excipients,
Actives,
Topical Drugs and Medical Devices ,
Cosmeceutics
Cosmetics
Activity of Different Formulations on Normal and Pathological skin,
Absorption - Kinetics - Bioavailability, Metabolism,

Steroids - Non-Steroidal anti-inflammatories,
Retinoids,
Antibiotics and Antimicrobials,
Mechanisms of Action,
Phototherapies , Specific Treatments, Techniques (peeling, hair removal, laser surgery, botox),
Toxicity - Phototoxicity of Drugs - Cosmetics - Raw Materials after Topical or Systemic Administration.

Molecular Pharmacology – Oxidative Stress

Molecular and biochemical basis of the action of drugs/bioactive molecules.
Structure and function of the different types of receptors / Types of drug-receptor interactions / Binding strengths / Agonists – antagonists – partial and inverse agonists / Message transduction pathways / Advanced receptor theory/mutations.
Neurotransmission systems as molecular drug targets / Gas-transporters (NO, H₂S, CO) / Molecular pharmacology of phosphodiesterases / Caspases and apoptosis / Protease-activated receptors (PARs) / Oligonucleotides as therapeutic agents / Protein-protein interactions protein (PPI) in cell signaling / Transcription factors.
Molecular mechanism of the appearance and action of free radical processes / oxidative stress in the body and the effect of molecules that inhibit them. Oxygen toxicity, oxygen free radicals, protection and repair mechanisms of oxidative damage. Process of peroxidation of biological membranes (lipid peroxidation) and proteins. Common analytical tests of lipid peroxidation.
Molecular actions of NO. Apoptosis.
Pathological conditions related to free radicals – atherosclerosis, chronic inflammation, rheumatoid arthritis, neurodegenerative diseases, cancer.

Biochemistry – Pharmacogenetics of the Skin

Biochemical pathways,
Basic principles of pathobiochemistry, pathophysiology and pharmacology in relation to pharmacogenetics,
Genes, proteins and the role of genetic polymorphisms in relation to clinical pharmacology and pharmacogenomics.

Basic and Clinical Immunology of the Skin

Anatomy of the immune system : a) Anatomical organization and basic functions of main and peripheral lymphoid organs (bone marrow, thymus gland, lymph nodes and other peripheral lymphoid organs): their role in immunosurveillance and initiation of the immune response, b) Cells of the innate and acquired immune response : their general characteristics and basic functions.

Innate immunity and inflammation: General characteristics and types of innate immunity receptors, mechanisms of pathogen recognition and key signaling pathways that induce inflammatory responses (TLRs, complement, etc.) Molecular mechanisms of acquired immune response: Antigen presentation – Basic stages and mechanisms of antigen presentation and interactions B and T lymphocytes with antigen-presenting cells.

Cellular senescence: Molecular mechanisms, phenotype and role in tissue homeostasis.

The skin as a nodal immune barrier: immune response mechanisms induced in the skin microenvironment, roles of inflammatory systems in wound healing, their interactions with elements of the microbiome and the role of the skin microbiome in maintaining immune tolerance and homeostasis will be described (with reference to skin diseases associated with disturbances in homeostasis between microbiome and host).

Immunological techniques: Basic principles and applications in the diagnosis of skin diseases.

New immunological methods: Applications in the diagnosis and evaluation of treatments of skin diseases.

Clinical immunology: Immunosuppression, Hypersensitivity – Allergies, Autoimmune Diseases.

Seminars

Second Semester

Entrepreneurship in Pharmacy

The concept of Entrepreneurship: Definitions and Environment of Economic & Business activities. Principles of Economic Theory, Political Economy, and Entrepreneurship. Business purposefulness. The role of Entrepreneurial perception & innovation.

Business organization and management: Principles and "Schools" of Management. Leadership. Organization and Administration of Business Structures, emphasising on Pharmaceutical and related Industry. Financing. Applied Accounting and Costing. Business Resource Management. Basic Financial Indicators for Effective Management. Management by Objectives (MBO). Operational Strategy. Business Planning.

Marketing: Concept and the Marketing Mix. Market Research and Segmentation. Principles of Communication. Sales Management. Public Relations. Neuroscience and Productive Experiences. Marketing Strategy. Regulatory environment. The specificity of Ethics & Deontology in Marketing Health Care products and services.

Pharmacoeconomics: The Concept of Health-Related Quality of Life. Economics of Health and Pharmacotherapy. Pharmacoeconomic Models. Health Technology Assessment. Budget Impact analysis. Managed Entry & Risk Sharing Agreements.

Case studies.

Control and Evaluation of Topical Products

Legislation,

Product Safety and Pharmacological Activity

Controls at Preclinical (In Vitro and In Vivo) and Clinical Level of Topical Drugs, Medical Devices and Cosmetics.

Physicochemical,

Microbiological Controls as well as Stability,

Medicine Folders by Product Category,

Practice in Preclinical and Clinical Stage.

Nutrition, Environment and Skin

Electromagnetic, Ionizing-non-ionizing, Ultraviolet and infrared radiation, Depth of penetration-tissue effects,

Cigarette smoke, Allergens, Chemical agents-Working environment, Environmental pollutants, Reactions-Defense mechanisms,

Disease prevention-Skin protection,

Nutrition and Skin : The relationship of proper nutrition to skin health, Vitamins A, C, D, E and their role in the skin, Minerals and skin, Essential fatty acids for the skin, Peptides and their role, Antioxidants - Flavonoids,

Nutrition and pathological conditions of the skin, Comparative action of substances after local application and through nutrition,

Dietary Supplements

Nanotechnology and Natural Products in Cosmetology and Skin Pharmacology

Introduction to Nanotechnology.

Biophysical and thermodynamic evidence of new forms of product transport for use in cosmetology.

Biophysical approach to nanotechnological systems and stability of nanocolloidal dispersion systems used as carriers of drugs and cosmetology products.

New nanoforms for application in nanotechnology products with application in cosmetic products.

Toxicity of new nanoforms and regulatory framework for approval of innovative nanocarriers for use in cosmetology products.

Case studies, Laboratory preparation of liposomes for use in cosmetology products.

Plant and Animal drugs, used in cosmetology and skin pharmacology: action-structure correlations.

Natural lipids.

Ceramides

Proteoglycans.

Collagen.

Elastin.

Chitin-chitosans.

Natural antioxidants.

Natural pigments.

Natural products for skin hydration.

Natural sunscreens.

Natural products for use in the mouth.

Slimming products.

Essential oils-uses in cosmetology.

Natural products for skin diseases.

Herbal remedies for healing, bruises and skin conditions.

Drug toxicity.

Laboratory Preparation of Essential Oil.

Bibliographic Research Methods

Use of bibliographic databases (eg pubmed, scopus, google scholar) and evaluation of scientific articles with international reliability criteria.

Bibliographic reference management tools and their processing, with software accessible from the National and Kapodistrian University of Athens (endnote web, zotero, mendeley, etc.).

Use of text processing software for writing assignments (Microsoft office, libreoffice).

Automatic bibliography integration (endnote web, zotero, mendeley) and text, image and index formatting rules.

Use of software for statistical processing of results (Microsoft office, libreoffice).

Rules for effective presentation of results (Microsoft office, libreoffice)

Industrial Practice

It is realized in cosmetic or topical drug – medical devices industries.

Usually the students go to research and development departments

Clinical Exercise

It is realized in different departments of Andreas Syggros Hospital

Laboratory of Topical Preparations

The students realize almost all the types of topical products – formulas including cosmetics and drugs

Seminars

Third Semester

Diploma Thesis

Seminars

7.EXAMINATIONS AND EVALUATION OF POSTGRADUATE STUDENTS

The educational work of each academic year is structured in two study semesters, the winter and the spring, each of which includes at least 13 weeks of teaching. Exams begin one (1) week after the end of the course and last three (3) weeks. The courses of the winter and spring semesters are re-examined during the September period.

Attending the courses and seminars is mandatory. In the event of an obstacle to the conduct of a course, its reimbursement is foreseen. The date and time of replenishment are posted on the post graduate website. In each academic semester, the graduate student is allowed to be absent for a maximum of two calendar days.

In exceptional cases, absence for a longer period of time is allowed, but in this case justification is required with a doctor's opinion from a public nursing institution or in writing in the cases of other causes. In any case, the total time of absence cannot exceed 1/5 of the hours of the academic semester or of each course. Otherwise, the student must repeat the specific course(s) the following year. The aforementioned applies also in the case of Practical Exercises and Diploma Thesis during the 2 and 3rd semester of studies.

The control of the attendance of the courses/seminars and the supporting documentation of the absences is carried out by the Program Secretariat based on the absence reports submitted by the lecturers at the end of the courses and seminars.

In the case of preparing a diploma thesis in a laboratory abroad, the student is exempted from attending the seminars in the 3rd semester, but is obliged to attend seminars which may be held at the University-Research Center abroad. Adherence to the rules of absences is a condition for obtaining the Msc degree. . The evaluation of postgraduate students and their performance in the courses they are required to attend within the framework of the postgraduate program is carried out during and at the end of each semester with written exams and/or with the preparation of assignments throughout the semester. The evaluation method is defined by the teacher of each course. Postgraduate students are graded in each course on a scale from zero to ten (0 – 10), with a grade of "five" (5) as the minimum passing grade.

The lecturers are obliged exclusively one to five days after the completion of the exams to announce the results and submit the grades of the courses to the Secretariat of the Department. In case of failure of the postgraduate student in one or more courses of the postgraduate studies (score below five) the possibility of re-examination is provided in the September period. If a postgraduate student fails again in the examination of a course or courses, so that according to what is defined in the Regulations of Postgraduate Studies it is considered that he has not successfully completed the first cycle of the program, he is examined, upon his application, by a three-member committee of faculty members of the School, whose members have the same or related subject as the subject being examined and are appointed by the Department Assembly. The person in charge of the teacher examination is excluded from the committee (par. 6 art. 34, Law 4485/2017). Finally, if the student fails again even in one of the due courses, he is deleted from the program. In order to obtain the master diploma, every postgraduate student registered at the program, must attend and be successfully examined in

all the offered courses of the program and prepare a postgraduate diploma thesis, thus accumulating 90 (ninety) ECTS.

For the calculation of the final grade for the degree, the weight of each course in the study program is considered and is expressed by the number of credits (ECTS). The number of credits (ECTS) for a course is also the weighting factor of the course. To calculate the final grade for the degree, the grade for each course is multiplied by the corresponding number of credit units (for the course) and the total sum of the individual products is divided by the total number of credit units required to obtain the degree. This calculation is expressed by the following mathematical formula:

$$\text{Master degree} = \left(\sum_{k=1}^N \text{BM}_k \times \text{ΠM}_k \right) / \text{SPM}$$

where:

N = number of courses required to obtain the corresponding degree

BM_k = grade for the course k

ΠM_k = credit units of the course k

SPM = total credits for obtaining the corresponding degree

For the acquisition of the postgraduate diploma, every postgraduate student must attend and be successfully examined in all the courses offered by the postgraduate program and prepare a postgraduate diploma thesis, thus accumulating ninety (90) ECTS.

In the B' and C' semesters of the Program, it is planned to prepare a postgraduate thesis. The subjects are proposed by the professors of the master's degree during the second semester and the students choose the person in charge who proposes the subject. In the event that several postgraduate students choose the same teacher, priority is given to the student who obtained the highest average during the 1st semester exams. The Supervisor and the members of the three-member examination committee of the postgraduate diploma thesis come from the teachers of the program. The Supervisor is appointed by the Coordinating Committee in the 2nd semester, taking into account the choice of Supervisor by the postgraduate student. The Coordinating Committee, following a request from the candidate, in which the proposed title of the thesis is indicated and a summary of the proposed thesis is attached, sets up by June of the current academic year the three-member examination committee for the approval of the thesis, one of whose members he is also the supervisor. The Coordinating Committee, in its decision, takes into account the relative proposal of the Supervisor for the other two (2) members of the three-member examination committee, one of whom may be a member of D.E.P., EDIP, or Researcher of Research Institutions outside of the Department of Pharmacy, since he has undertaken teaching work at PMS. In any case, care must be taken so that at least two members of the Committee are members of the D.E.P. of the relevant Department. The subject of the master's thesis must have a research character and be original. The writing language of the master's thesis have to be in Greek. However the English language is accepted if there are special reasons, with the consent of the supervising professor.

Layout and content of the thesis:

- The cover and title page should contain the following:
 - The emblem and logo of the NKUA (cyan)
 - SCHOOL OF HEALTH SCIENCES
 - DEPARTMENT OF PHARMACY
 - PHARMACEUTICAL TECHNOLOGY DIVISION/SECTOR
 - POSTGRADUATE DIPLOMA "COSMETOLOGY - DERMATOPHARMACOLOGY"

- TITLE of the thesis
- The words "Diploma Thesis"
- Full name of the postgraduate student
- Title/Qualification of the postgraduate student (Pharmacist, Chemist, Physician.....)
- Postgraduate Student Registration Number (#)
- The word "Athens" and the date of the public support of the thesis (at the bottom of the page)
- Pagination must be done in the following order:
 - Initial pages, with Latin numbering (small letters):
 - Title Page (without visible numbering)
 - Three-member Examination Committee (names, ranks)
 - Preface, Acknowledgments (Dedications, optional)
 - Summary, Keywords (Greek and English)
 - Contents index
 - List of Abbreviations / List of Symbols (optional)

• Main text separated into sections, with regular numbering starting from 1

- 1 Introduction
2. Methodology
3. Results – Discussion
4. Conclusions

- References
- Appendixes (if any)

Page Formatting:

- Line spacing: 1.5 line
- Font: Calibri or Times New Roman 11
- Double-sided printing

Sample bibliography:

- Citation within the text: (surname of first author et al., year of publication).
- In the case of two authors, both names are listed in parentheses and after the year of publication.
- Adjectives are listed without first names, unless there is a synonym.
- The bibliographies are listed alphabetically and then chronologically. If the same author has more than one bibliography, then these are listed chronologically, for example: o (Allan, 2000a, 2000b, 1999; Allan and Jones, 1999; Kramer et al., 2010)
- In the Bibliography section they are listed alphabetically.

In order for the work to be approved, the student must support it before the examination committee (par. 4, art. 34, Law 4485/2017). The thesis is graded in each subject on a scale from zero to ten (0 – 10), the minimum grade of success is five (5). All theses are presented during the last month of the three academic semesters. The exact presentation dates will be determined by the Director of the P.M.S. at least two months before the presentation. At the end of the three semesters, the postgraduate student must have completed and supported his thesis (cases of "extension" or "suspension" of studies are excluded).

In case of failure in the preparation of the diploma thesis (average grade of the diploma thesis less than five) or failure to complete it within the prescribed period of time, the postgraduate student is obliged to discontinue his studies.

Postgraduate theses, once approved by the examination committee, must be posted on the Department's website <http://www.pharm.uoa.gr> (no. 34, par. 5 Law 4485/17).

Also, electronic deposit of the thesis is made in the "PERGAMOS" Digital Repository, in accordance with the decisions of the EKPA Senate. The degree of D.M.S. results from the sum

of the products (credit units x course grade) plus (credit units x thesis grade) by the total number of course and thesis credit units.

8.OBLIGATIONS AND RIGHTS OF POSTGRADUATE STUDENTS

1 Postgraduate students have all the rights and benefits provided for students of the first cycle of studies, until the end of any granted extension of study, except for the right to receive free textbooks.

2 The institution ensures that students with disabilities and/or special educational needs have access to the proposed literature, notes, and teaching courses(<https://access.uoa.gr/>).

3 The NKUA Liaison Office provides advisory support to students in matters of study and professional rehabilitation (<https://www.career.uoa.gr/ypiresies/>).

4 Postgraduate students are invited to participate in and attend seminars of research groups, literature review discussions, laboratory visits, conferences/workshops with a subject related to that of the postgraduate program, lectures, or other scientific events organized by the postgraduate program etc.

5 The Assembly of the Department of Pharmacy, after the proposal of the SE, may decide to permanently suspend a student's studies if he/she:

- exceeds the maximum number of absence days allowed,
- fails the examination of a course or courses and has not successfully completed the program, in accordance with the current regulation,
- exceeds the maximum duration of the study program, as defined in by the regulation,
- has violated the written provisions regarding the treatment of disciplinary offenses,
- does not pay the tuition fees,
- requests a cessation of studies.

6 If a postgraduate student is suspended from the program, he/she may request a certificate acknowledging that he/she has attended certain courses and has successfully passed the examination of those courses.

7 Students may participate in international student exchange programs, such as the ERASMUS + or CIVIS program, according to current legislation. The maximum number of ECTS recognized for these programs is thirty (30). This option is provided after the first semester of their studies. Students should apply to the SE and follow the terms of the program.

Students from international student exchange programs, such as the ERASMUS+ program, can also attend the postgraduate studies program, in accordance with the agreements made between the University and other institutions, with a proviso that they have at least a B2 Certificate in Greek Language.

8 The postgraduate students of the NKUA can enrol in the postgraduate program of the same or other Higher Education Institution of the country or abroad in the context of educational or research cooperation programs in accordance with current legislation.

9 It is possible to attend, in parallel, another undergraduate or postgraduate study program or two (2) Postgraduate Studies Programs of the same or another Department, in the same or another Higher Education Institution.

10 At the end of each semester, an evaluation of each course and each teacher is carried out by the postgraduate students (see article 16).

11 Postgraduate students can request the issuance of a diploma supplement in Greek and English.

12 For their participation in the Postgraduate Studies Program in "Clinical Pharmacy", postgraduate students are required to pay tuition fees amounting to €800 per semester. The fee is paid at the beginning of each semester.

13 In the event of permanent cessation of studies or suspension of a postgraduate student, for any reason, the study fees that have already been paid are non-refundable.

9. TUITION EXEMPTION

1 The postgraduate students who meet the financial or social criteria and the conditions for excellence during the first cycle of studies, in accordance with the current legislation, are exempt from tuition fees. This exemption is granted for participation in a single postgraduate program. The number of students with exemption must not exceed thirty percent (30%) of the total number of students admitted to the program per academic year.

2 An application for exemption from tuition fees is submitted after the completion of the selection process of the students for the postgraduate program. The financial situation of the candidate is under no circumstances a reason for non-selection to the program.

3 Those receiving a scholarship from another source are not entitled to exemption, nor are citizens of non-EU countries.

4 Examination of the criteria for exemption from tuition fees is carried out by the Assembly of the Department and a reasoned decision is made for either acceptance or rejection of the application, following the recommendation of the SE of the Postgraduate Studies Program.

5 Since the current legislation sets an age criterion, it is recommended, for reasons of good administration and equal treatment, that the date of birth of the students be considered the 31st of December of the year of their birth.

6 The members of the E.E.P., E.D.I.P., E.T.E.P. categories, who are accepted as supernumeraries in accordance with provision 3.3 of this regulation, are exempt from paying tuition fees.

7 In the event that members of the same family, up to the second degree, are simultaneously studying at the same institution and Postgraduate Studies Program, a 50% reduction in the tuition fees may be allowed.

INFRASTRUCTURE AND FINANCING OF THE POSTGRADUATE STUDIES PROGRAM

1 For the proper operation of the postgraduate program, lecture rooms, seminar rooms and auditoriums are equipped with audio-visual media, and laboratories of the Department of Pharmacy are available.

2 The administrative and secretarial work for the postgraduate studies program is done by the Secretariat of the Department of Pharmacy and assisted by the Secretariat of the Program, under the supervision of the Secretariat of the Department and staffed by administrative employees of the Department.

3 The financing of the postgraduate studies program can come from:

- a) tuition fees,
- b) donations, sponsorships, and all kinds of financial aid,
- c) legacies,
- d) resources from research projects or programs,
- e) other resources of the Higher Educational Institution and
- f) the state budget or public investment program,
- g) any other legal source.

4 The payment of tuition fees is carried out by the student him or herself or by a third natural or legal representative on behalf of the student, if this is provided for in the decision establishing the program.

5 The management of the resources of the postgraduate studies program of the higher education institution is carried out by the Special Research Funds Account (ELKE) of the NKUA.

6 The resources of the postgraduate studies program are distributed as follows:

- a) an amount corresponding to thirty percent (30%) of the total income derived from tuition fees is withheld by ELKE. This amount includes the percentage withheld for the financial management of the program by ELKE. When the revenues of the postgraduate studies program come from donations, sponsorships and other kinds of financial support, legacies or resources

from research projects or programs, the percentage withheld in favour of ELKE applies to income from corresponding sources of funding,

b) the remaining amount of the total income of the postgraduate studies program is available to cover its operational costs.

ASSIGNMENT OF TEACHERS FOR THE POSTGRADUATE STUDIES PROGRAM

The teachers of the P.M.S. come, by 60% (at least), from:

- members of D.E.P. of the Department,
- members of E.E.P., E.D.I.P. and E.T.E.P. of the Department, PhD holders,
- emeritus professors (Art. 69, Law 4386/2016) and non-serving members of the Faculty of Education of the relevant Department,
- teachers according to the p.d. 407/1980 (A' 112),
- scientists of recognized prestige or holders of a doctoral degree or doctoral candidates or with exceptional technical experience, who may be employed as academic scholars by decision of the Assembly and act of the President of the relevant Department to carry out teaching and research work, determined by the contract signed between of the academic scholarship holder and the Rector of the relevant HEI (par. 7, art. 29, Law 4009/2011).

With a reasoned decision of the Assembly, the Department is assigned teaching to:

- members of D.E.P. of other Departments of the same or another A.E.I.,
- researchers from research centers of no. 13A, Law 4310/2014, of the Academy of Athens and the Foundation for Medical Biological Research of the Academy of Athens,
- visiting distinguished scientists from the country or abroad, who have a position or qualifications as a professor or researcher in a research center, scientists of recognized prestige with specialized knowledge or relevant experience in the subject of the P.M.S.,
- visiting postdoctoral researchers, Greek or foreign young scientists, holders of a doctoral degree (par. 7, art. 16, Law 4009/2011)

or new recruitments/contracts are made in accordance with the above (par. 1, 2, 5 & 6, no. 36, Law 4485/2017).

The assignment of teaching courses, seminars and exercises of the P.M.S. is made after a proposal by the S.E. and approval of the Department Assembly.

The teachers per course for the academic year 2022-2023 :

Anatomy, Physiology and Skin Pathology

A. Tagga (Dr. Dermatologist-Venoresiologist of "Andreas Syggros" Hospital).

Activity-Toxicity of Drugs and Cosmetics on the Skin

M. Rallis (Associate Professor), Department of Pharmacy.

Cosmetology

P. Dallas (Assistant Professor), M. Rallis (Assistant Professor) Department of Pharmacy.

Applied Pharmaceutical Analysis

M. Vertzoni (Associate Professor) Department of Pharmacy, M. Koupparis (Mr. Professor) Department of Chemistry E.K.P.A.

Pharmaceutical Microbiology

A. Tsakris (Professor), Director of the Microbiology Laboratory Medical School E.K.P.A.

Statistical Methods and their Applications in Pharmaceutical Sciences

Chr. Reppas (Professor), G. Valsami (Professor), M. Christoforou-Symillidou (Associate Professor), A. Dokoumetzidis (Associate Professor), P. Macheras (Associate Professor), Department of Pharmacy

Molecular Pharmacology-Oxidative Stress

A. Papapetropoulos (Professor), A. Kourounaki (Professor), Department of Pharmacy.

Biochemistry-Pharmacogenetics of the Skin

N. Drakoulis (coordinator of Pharmacogenetics) Professor
Department of Pharmacy, M.-S. Katsaros Ph.D.E.M.P., Biochemist.

Basic and Clinical Immunology of the Skin

A. Tagga (Dr. Dermatologist-Venoretologist of "Andreas Syggros" Hospital), M. Makris Physician, Director of Immunology Department ATTIKO NOSOKOMEIO, D. Mastellos Researcher A', DEMOKRITOS.

Control and Evaluation of Topical Products

A. Katsarou (Em. Professor), E.K.P.A. School of Medicine, M. Rallis (Associate Professor), Department of Pharmacy.

Nutrition, Environment and Skin

Teachers: M. Rallis (Associate Professor), Department of Pharmacy, E. Alexandratou (E.D.I.P. E.M.P., Physicist, NTUA), F. Dania Ph.D. Department Pharmaceutical E.K.P.A., Biologist.

Nanotechnology, Natural Products in Cosmetology and Skin Pharmacology

Teachers: K. Demetzos (Professor), E. Skaltsa (Professor), Department of Pharmacy.

Entrepreneurship in Pharmacy

G. Vassilopoulos, pharmacist, Ph.D. Department of Pharmacy

Bibliographic Research Methods

Teachers: G. Lambrinidis (E.D.I.P.), Department of Pharmacy

Laboratory of Topical Preparations

M. Chadzidakis (R&D Georgantas Cosmetics), P. Dallas (Assistant Professor), M.Rallis (Associate Professor)

AWARD OF POSTGRADUATE DIPLOMA

1 The postgraduate diploma is awarded when the student completes the number of courses and credits required by the program, as well as the postgraduate thesis. The Assembly of the Department verifies the completion of studies to grant the Diploma of Postgraduate Studies.

2 Upon completion of the above procedure, the postgraduate student is granted a certificate verifying completion of studies, his/her student status is lost and his/her participation in the collective administrative bodies of the University ceases.

3 The Diploma of Postgraduate Studies certifies the successful completion of the Postgraduate Studies Program and displays the final grade, rounded to two decimal places, according to the following scale: Excellent (8.5 to 10), Very Good (6.5 to 8.5 not included) and Good (5 to 6, 5 not included).

4 The type of Diploma is common to all Departments and Schools of NKUA and is included in the Postgraduate and Doctoral Studies Regulations of the Institution.

5 In the context of the Postgraduate Studies Program a Postgraduate Diploma in "Clinical Pharmacy" is awarded.

THE OATH

1 Being sworn in or taking the oath is not essential for the successful completion of studies but is a necessary for the diploma title document to be granted. The certification takes place within the framework of the Assembly of the Department of Pharmacy and in the Department or School, in the presence of the Director of the Department of Pharmacy, the President of the Department or his/her Deputy, the Dean of the School or his/her Deputy and, if possible, a representative of the Rector.

2 Requests for the swearing-in ceremony of postgraduate students in the Great Hall of Ceremonies of the Central building are decided on a case-by-case basis by the Rector, based on an assessment of the number of students required to participate declared by the Secretariat of the postgraduate program to the Directorate of Education and Research.

3 Postgraduate students, who have successfully completed the Postgraduate Studies Program, in exceptional cases (studies, residence or work abroad, health reasons, etc.), may apply to the Department Secretariat for an exemption from the attestation obligation. Exemption from the obligation is approved by the Chair of the Department and the Vice Chancellor of Academic Affairs and Student Affairs.

EVALUATION OF THE POSTGRADUATE STUDY PROGRAM

1 Evaluation by the National Higher Education Authority

The Postgraduate Studies Program is evaluated within the framework of the periodic evaluation/certification of the Department organized by the National Authority of Higher Education (ETH.A.A.E.). The overall evaluation of the program is carried out by the Postgraduate Studies Program, to determine the fulfilment of the goals set from its onset, its sustainability, the absorption of graduates within the labour market, the degree of its contribution to research, its internal evaluation by postgraduate students, the feasibility of extending its operation, as well as other data regarding the quality of the work produced and its contribution to the national strategy for higher education.

If the Postgraduate Studies Program during the evaluation stage does not meet the required conditions for continuing its operation, it will be allowed to operate until the graduation of those students who have already registered, in accordance with the decision made from its inception and the regulation of postgraduate and doctoral study programs.

2 Internal Evaluation

The internal evaluation of the Postgraduate Studies Program is carried out on an annual basis by the Quality Assurance Unit (QAU) of the University. All those involved in the implementation of the actions and activities of the Postgraduate Studies Program participate in the internal evaluation process. and more specifically, the students, the members of the teaching staff, the administrative and technical support staff, and the members of the Coordination Committee of the postgraduate program.

The internal evaluation process is carried out in accordance with current legislation, the Institution's Internal Quality Assurance System, the guidelines, and standards of the ETHAAE.

The internal evaluation of the Postgraduate Studies Program includes the evaluation of the teaching work, as well as all its academic functions and actions.

The following are evaluated in more detail:

a) the content of the Study Program according to recent research within the specific subject of the Postgraduate Studies Program, so as to ensure the modern character of the program,

- b) the workload of the courses, as well as the progress and completion of postgraduate studies by the students,
- c) the degree of satisfaction of the students' expectations from the Study Program, the services offered to support their studies and the learning environment,
- d) the courses of the Program on a six-monthly basis through questionnaires completed by the students of the Postgraduate Studies Program.

The use of the results of the evaluation and their notification, as defined in the relevant Regulations, aim at the sustainability of the Program, the high level of its study courses, the improvement of its benefits and the efficiency of its teachers. More specifically:

-The results of the student evaluations through the course/teacher evaluation questionnaires are provided by the OMEA of the Pharmacy Department to the Course Coordinators for their corrective actions and are taken very seriously by the teachers.

- The results of the internal evaluation of the Postgraduate Studies Program as a whole, are analysed by the Coordinating Committee and the Certification Control Group of the postgraduate program in "Clinical Pharmacy", in collaboration with the OMEA of the Department of Pharmacy and are reflected in the annual internal evaluation report of the Postgraduate Studies Program, which is submitted to the MODIP, NKUA.

3. The results of the annual internal evaluation of the Postgraduate Studies Program from MODIP, NKUA are posted on the website of the Department of Pharmacy (Postgraduate Studies Program in “Cosmetology-Dermatopharmacology”)

DURATION OF OPERATION OF THE POSTGRADUATE STUDY PROGRAM

The Postgraduate Studies Program will operate until the academic year 2027-2028 as long as it meets the criteria of the internal and external evaluation, in accordance with the current legislation.

TRANSITIONAL PROVISIONS

Already registered students complete their studies in accordance with these Regulations.

For all matters not defined in the current legislation, in the Regulations for Postgraduate and Doctoral Studies NKUA or in this Regulation, the bodies of the Postgraduate Studies Program are competent to decide.

This pronouncement will be published in the Government Gazette.

DEPARTMENT OF PHARMACY TELEPHONE DIRECTORY

Head of Department: Christos Reppas (Professor) 727-4678

Department Secretary: Maria Xesfigi 727-4193

TEACHING STAFF (727- _)

Aliannis Nektarios, Professor -4757

Andreadou Ioanna, Professor -4827

Chinou Ioanna, Professor -4595

Dallas Paraskevas, Assistant Professor -4677

Demetzos Konstantinos, Professor -4596

Dokoumetzidis Aristides, Associate Professor -4122

Dotsikas Ioannis, Associate Professor -4039, -4696

Drakoulis Nikolaos, Associate Professor)-4225

Eleni Skaltsa, Professor -4593

Fokialakis Nikolas, Assistant Professor -4727

Halampalaki Maria, Assistant Professor -4781
Ioannou Efstathia, Associate Professor -4913
Karalis Evangelos, Associate Professor -4267
Kolokouris Antonios, (Professor -4834, -4315
Kostakis Ioannis, Associate Professor -4212
Kourounaki Angeliki, Professor -4818, -4831
Loukas Ioannis, Associate Professor -4224, -4039
Louyakis Nikolaos, Assistant Professor -4759, -4184
Magiatis Prokopios, Associate Professor -4052
Marakos Panagiotis, Professor -4184, -4830
Markantoni-Kyroudi Sofia, Professor -4676
Michael Rallis, Associate Professor -4699
Mikros Emmanuel, Professor -4813, -4855
Mitakou Sophia, Professor -4597
Myrianthopoulos Vassilios, Assistant Professor -4353
Panteri Irini, Professor -4820, -4823
Papanastasiou Ioannis, Assistant Professor -4828, -4808
Papapetropoulos Andreas, Professor -4786
Pippa Anastasia – Georgia, Assistant Professor -4025
Pouli Nicolais, Professor -4185, -4184
Rekkas Dimitrios, Professor -4023
Reppas Christos, Professor -4678
Roussis Vassilios, Professor -4592
Skaltsounis Alexios-Leandros, Professor -4598
Symillides Moira, Associate Professor -4675
Tсотinis Andreas, Professor -4812
Tzakou Olga, Professor -4591
Valsami Georgia, Professor -4022
Vertzoni Maria, Associate Professor -4035
Vlachou-Konstantinidou Marilena, Associate Professor -4674
Zoidis Grigorios, Associate Professor -4809, -4808

E.D.I.P. MEMBERS

Graikou Constantias (Pharmacognosy) -4283
Lambrinidis Giorgos (Pharmaceutical Chemistry) -4304, -4521
Melliou Eleni (Pharmacognosy) -4052
Benaki Dimitra (Pharmaceutical Chemistry) -4521
Stathopoulos Panagiotis (Pharmacognosy) -4781
Kalpoutzakis Eleftherios (Pharmacognosy) -4607, -4886

E.T.E.P. MEMBERS

Drosopoulos Dimitrios (Pharmaceutical Chemistry) -4529
Papathanasiou Vasiliki (Pharmaceutical Technology) -4367
Harvala Zoi (Pharmacognosy) -4588

LABORATORY STAFF

Abbot Dionysios -4767

DEPARTMENT SECRETARIAT

ADMINISTRATION STAFF

Maria Xesfigi (Secretary) -4193

Manou Olga (administrative matters) -4355

Georgiou Frederiki (administrative issues / doctoral level) -4058

STUDENT AFFAIRS

Undergraduate level:

Gouzias Evangelos -4093

Hatzipavlou Ioanna -4351

Postgraduate level:

Nikolaidou Ekaterini -4666

DIVISION OF PHARMACEUTICAL CHEMISTRY

Director: Emmanuel Mikros (Professor) -48130

Secretariat: Karpozilou Rachel -4523

DIVISION OF PHARMACOLOGY AND CHEMISTRY OF NATURAL PRODUCTS

Director: Vassilios Roussis (Professor) -4592

Secretariat: Harvala Zoi -4588

Kapsali Fotini -4290

DIVISION OF PHARMACEUTICAL TECHNOLOGY

Director: Paraskevas Dallas (Assistant Professor) -4677

Secretariat: Papathanasiou Vasiliki -4367

Brova Nonna -4681

OTHER USEFUL TELEPHONE NUMBERS

LIBRARY (School of Positive Sciences) -6599

PORTER, DEPARTMENT OF GEOLOGY (internal postal code) -4219

CARETAKER -4379, -4683

T.Y.P.A. -4300, 4120, 4541

E-GOVERNANCE -4286, -4217

MEDICAL CLINIC (School of Positive Sciences) -4391

MEDICAL CLINIC (School of Philosophy) -7873

APPENDIX I



HELLENIC REPUBLIC

**National and Kapodistrian
University of Athens**

— EST. 1837 —

**SCHOOL OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY**

DIPLOMA SUPPLEMENT

The Diploma Supplement model was developed by the European Commission, Council of Europe and 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 should be free from any value judgments, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1 Family name(s):

1.2 Given name(s):

1.3 Date of birth (*day/month/year*)– Place– Country of Birth:

1.4 Student identification number or code (*if available*):

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of qualification and (*if applicable*) title conferred (*in original language*): METAPTYCHIAKO
DIPLOMA EIDIKEFSIS STIN “KOSMITOLOGIA - DERMATOPHARMAKOLOGIA” - MSc in “COSMETOLOGY-
DERMATOPHARMACOLOGY”

2.2 Main field(s) of study for the qualification: POSTGRADUATE STUDIES PROGRAM IN “COSMETOLOGY-
DERMATOPHARMACOLOGY

2.3 Name and status of awarding institution (*in original language*): ETHNIKON KAI KAPODISTRIAKON PANEPISTIMION ATHINON, EKPA (NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS, NKUA)

2.4 Name and status of institution (*if different from 2.3*) administering studies (*in original language*):

2.5 Language(s) of instruction/examination: GREEK

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1 Level of qualification: SECOND CYCLE DEGREE, METAPTYCHIAKO DIPLOMA EIDIKEFSIS, equivalent to the MASTER'S DEGREE, MSc

3.2 Official length of programme: 3 SEMESTERS

3.3 Access requirement(s): The selection of the students is made in accordance with the law 4957/2022 and the provisions of the Internal Operation Regulations of the Postgraduate studies program in "Cosmetology-Dermatopharmacology". In June/July of every academic year, by decision of the Assembly of the Department of Pharmacy, NKUA, an announcement is published and posted in the sites of the Department and the NKUA, for the admission of graduate students in the Postgraduate studies program in "Cosmetology-Dermatopharmacology".

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1 Mode of study: FULL

4.2 Programme requirements:

- A) A total of 90 ECTS credits are required to complete the degree
- B) Compulsory studies of at least 3 semesters
- C) Master students are required to successfully attend and complete all modules (47 ECTS),
- D) Master students are required to successfully attend and complete the Industrial Pharmaceutical Practice (13 ECTS)
- E) Master students are required complete a postgraduate thesis in a subject related to the specialization (30 ECTS)

4.3 Programme details: (e.g. modules or units studied), and the individual grades/marks/credits obtained: (*if this information is available on an official transcript this should be used here*)

Total ECTS: 90

Grading scheme and, if available, grade distribution guidance:

		Semester	Credits	ECTS ^a	Grade	Academic Year
N/A						

1.	Anatomy, Physiology and Skin Pathology	A	2	3		
2.	Activity – Toxicity of Drugs and Cosmetics on the Skin	A	2	3		
3.	Cosmetology	A	2	3		
4.	Applied Pharmaceutical Analysis	A	2	3		
5.	Pharmaceutical Microbiology	A	2	3		
6.	Statistical Methods and their Applications in Pharmaceutical Sciences	A	2	4		
7.	Molecular Pharmacology – Oxidative Stress	A	2	4		
8.	Biochemistry – Pharmacogenetics of the Skin	A	2	2		
9.	Basic and Clinical Immunology of the Skin	A	2	3		
10.	Visits to research centers or industries or laboratories	A	3	2		

	manufacturing local products					
11.	Control and Evaluation of Topical Products	B	2	3		
12.	Nutrition, Environment and Skin	B	2	3		
13.	Nanotechnology, Natural Products in Cosmetology and Skin Pharmacology	B	2	3		
14.	Seminars on Special Topics and Bibliographic Search Methods	B	4	3		
15.	Laboratory on Preparation of Topical Formulations	B	3	3		
16.	Clinical Practice	B	3	2		
17.	Skin Pharmacogenetics and Biochemistry Laboratory	B	2	2		
18.	Practice in the Industry of Production of Topical Drugs, Topical Medical Devices or Cosmetics	B	6	4		

19.	Entrepreneurship in Pharmacy	B	2	2		
20.	Diploma Thesis	B /C	35	30		
21.	Seminars – Round Tables on Special Topics	C	9	5		

The number of credits was calculated assuming that one (1) credit corresponds to 25 hours of total employment (teaching, workshops and personal study). b The total number of seminars includes 60 teaching hours distributed over three semesters. c One month of internship in the Industry – Laboratories of Topical Drugs and Cosmetics with daily presence at the place of the internship following the company's full schedule. At the end of the practical exercise, the acquired experience - knowledge is briefly presented. d The Diploma thesis includes research work, writing and presentation of the thesis.

THE GREEK GRADING SCALE: THE GRADING SCALE RUNS FROM 1 TO 10 AND THE SUCCESSFUL EXAMINATION GRADES RUN FROM 5 TO 10 AS FOLLOWS:

5 - 6,49 = GOOD

6,50 - 8,49 = VERY GOOD

8,5 - 10 = EXCELLENT

4.5 Overall classification of the qualification (*in original language*):

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study: to the third cycle leading to the doctorate degree, *DIDAKTORIKO DIPLOMA*

6. ADDITIONAL INFORMATION

6.1 Additional information:

- a) PARTICIPATION IN CONFERENCES, SEMINARS ETC:2
- b) ERASMUS MOBILITY PROGRAM:
- c) AWARDS, DISTINCTIONS:

6.2 Further information sources:

NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS WEB SITE: www.uoa.gr,

DEPARTMENT OF PHARMACY WEB SITE: www.pharm.uoa.gr

MINISTRY OF EDUCATION, RESEARCH AND RELIGIOUS AFFAIRS WEB SITE: www.minedu.gov.gr

7. CERTIFICATION OF THE SUPPLEMENT

7.1 Date:

7.2 Signature:

7.3 Capacity: BY ORDER OF THE RECTOR, THE DIRECTOR OF EDUCATION AND RESEARCH:

7.4 Official stamp or seal:

8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

Tertiary Education in Greece comprises two parallel sectors: a) the University sector, which includes the Universities, the Technical Universities and the School of Fine Arts and b) the Technological sector, which includes the Higher Technological Education Institutions and the School of Pedagogical and Technological Education (ASPETE). In Greece there are twenty-two (22) Universities and fourteen (14) Technological Education Institutions. According to article 16 of the Greek Constitution, higher education is public and exclusively provided by Higher Education Institutions, which are Legal Entities under Public Law, enjoying full self-administration and academic freedom, while they are subject to state supervision and financed by the government. State supervision is carried out by the Ministry of Education, Research and Religious Affairs.

Admission of students to the above institutes depends on their performance at nation-wide exams taking place in the 3rd grade of the upper secondary school (Lyceum). Entrance to the various Schools of the Universities and Technological Education Institutions depends on the general score obtained by Lyceum graduates, on the number of available places (*numerus clausus*) and on the candidates' ranked preferences among Schools and Departments.

The academic year begins on 1st September each year and ends on 31st August of the following year. Each academic year is divided into two semesters. Each semester includes at least thirteen (13) weeks of teaching and two (2) weeks of examinations. The first semester begins in the second fortnight of September and the second semester ends during the second fortnight of June. Throughout the year, there is a total of four weeks of Christmas and Easter holidays.

The majority of the first cycle programmes in Universities comprise 8 semesters (4 years – at least 240 ECTS credits). There are certain first cycle programmes offered by Universities, whose duration exceeds the 8 semesters. All first cycle University and TEI graduates can apply for admission to second cycle graduate programmes. The postgraduate programmes last one to two years (2/3 or 4 semesters, 60/90 or 120 ECTS credits) and lead to MA or MSc degrees.

Each semester course carries a number of credits, as set by each Department. The study programme of every University Department contains also the course subjects and contents and the number of hours of classes per week. University undergraduate study leading to a first degree (“PTYCHIO”-ΠΤΥΧΙΟ) in Greece lasts at least four years for most subjects. It lasts five years at Technical Universities, at Departments of applied sciences (Agronomy, Forestry, Dentistry, Veterinary Medicine and Pharmacy) and at certain Art Departments (e.g. Music Studies) and six years at Medical Schools.

Students complete their studies and are awarded their degree when they have passed the necessary number of courses stipulated in the study programme and have accumulated the required number of credits.

Students who successfully complete their first cycle studies at Universities are awarded a *PTYCHIO* (first cycle degree). The *Ptychio* leads to employment or further study at the post-graduate level leading to the second cycle degree – *METAPTYCHIAKO DIPLOMA EIDIKEFSIS*, equivalent to the Masters degree – and the third cycle leading to the doctorate degree, *DIDAKTORIKO DIPLOMA*.

Source: EURYDICE NETWORK: <https://eurydice.eacea.ec.europa.eu/>

Detailed information on the Greek education system can also be sought at the *Ministry of Education, Research and Religious Affairs* website: <http://www.minedu.gov.gr/>