

Guidelines for the training of homeopathic pharmacists and

European Diploma in Homeopathic Pharmacy, European Committee for Homeopathy

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1 INTRODUCTION

The pharmacist is a university-trained healthcare professional with an important role in the healthcare system. A reliable definition of a pharmacist is very rarely outlined in national legislation or regulations. The role is often defined indirectly, through education or a list of activities which only pharmacists can or allowed to perform.

Homeopathic drugs are classified as medicinal products which require official approval or registration before being placed on the market. At European level, the classification of homeopathic preparations as medicinal products is ratified by Directive 2001/83 / EC (Community Code for Medicinal Products for Human Use). [1]

Due to their special properties, such as their diverse concentrations of active ingredients and the difficulty in using conventional statistical methods in clinical trials, homeopathic preparations are subject to special pharmaceutical regulations.

Registered homeopathic medicinal products may only be marketed without any therapeutic indication and in a form and dosage that pose no risk to patients.

Homeopathic medicines are also manufactured individually for patients in pharmacies in accordance with a doctor's prescription.

Pharmacists, as scientifically-trained members of a healthcare profession are responsible for advising patients about medicines to the best of their knowledge; this also includes homeopathic medicines.

2 LEGAL BASIS

Pharmacists` education and training are regulated in national legislation, as with other health professionals.

At international level, the roles and functions of a pharmacist are described by:

- Directive 2005/36/EC on the recognition of professional qualifications [2005] OJ 2 255/22, as amended most recently by Directive 2013/55/EU and of the Council of 20 November 2013 [2013] OJ L 354/132. [2]
 - (15) "Continuous professional development contributes to the safe and effective practice of professionals who benefit from the automatic recognition of their professional qualifications [...]. Member States should in particular encourage continuous professional development for doctors of medicine, medical specialists, general practitioners, nurses responsible for general care, dental practitioners, specialised dental practitioners, veterinary surgeons, midwives, pharmacists and architects.
 - and Accumulation System
 (ECTS) credits are already used in a large majority of higher education institutions in the Union and their use is also becoming more common in courses leading to the qualifications required for the exercise of a regulated profession. Therefore, it is necessary to introduce the possibility to express the duration of a programme in ECTS. That possibility should not affect the other requirements for automatic

recognition. One ECTS credit corresponds to 25-30 hours of study whereas 60 credits are normally required for the completion of one academic year.

- The legal and regulatory framework for community pharmacies in the WHO European Region [3]
- World Health Organization WHO
 Technical Report Series, No. 961, 2011
 Annex 8, Joint FIP/WHO guidelines on good pharmacy practice: standards for quality of pharmacy services [4]
 - (5) Setting standards for good pharmacy practice
 Role 3: Maintain and improve professional performance
 - Function A: Plan and implement continuing professional development strategies to improve current and future performance.
- Minimum national standards should be established for these activities.
 - Pharmacists should perceive continuing education as being lifelong and be able to demonstrate evidence of continuing education or continuing professional development to improve clinical knowledge, skills and performance.
 - Pharmacists should take steps to update their knowledge and skills in complementary and alternative therapies such as Traditional Chinese Medicine, health supplements, acupuncture, homeopathy and naturopathy.
 - Pharmacists should take steps to update their knowledge and be engaged in implementation of new technology and automation in pharmacy practice, where feasible.
 - Pharmacists should take steps to inform and update their knowledge

on changes to information on medical products.

3 AIM OF THE TRAINING

These guidelines for the training of homeopathic pharmacists and a European Diploma in Homeopathic Pharmacy specify the requirements for pharmacists with an additional qualification in homeopathy. This document is primarily a model curriculum for providers of homeopathic training for pharmacists

- to provide a theoretical and practical resource for pharmacists and their staff to develop and/or enhance an existing homeopathic service within a pharmacy environment
- to adapt the training to the European Credits Transfer System (ECTS) in order to make the training valid in all Member States
- to understand legal requirements and guidelines as applicable to the pharmaceutical profession

4 REQUIREMENTS OF THE TRAINING COURSE

Lecturers shall be experts in their respective subject in homeopathy. If the existing school does not provide expertise, an external expert must be engaged. All parts of the training relating to homeopathic pharmacy should be taught only by pharmacists, with regard to the requirements and description of their profession, [1], [2], [4] [5] [6] [7] [8] who are educated in homeopathy-related aspects of the European Pharmacopoeia [9]and the official pharmacopeia.

All parts of the training relating to homeopathic pharmacy (module A, C, level 4) should only be taught by qualified homeopathic pharmacists.

The "basic curriculum for pharmacists" and Module B "Homeopathic advice in acute situations" may also be taught by doctors with homeopathy training [10]

Module B, counselling in pharmacy, should be taught by pharmacists who have experience in advising pharmacy customers on acute diseases

Module C should be taught by pharmacists with experience in the relevant subject areas, Level 3, by industrial pharmacists

Level 4 is provided for pharmacists teaching at university including research programme (Table 7).

The courses should comprise class teaching with sufficient pharmaceutical training, distance learning and practical experience in a laboratory.

The examinations should include theoretical and practical testing in a laboratory.

The participant must pass a written examination on completion of each level.

Approval:

Content and length of courses, examination content and CVs of lecturers must be submitted to ECH Subcommittee Pharmacy for approval.

5 TRAINING COURSES

An education model in homeopathic pharmacy should include different levels of expertise:

- · Basis curriculum for pharmacists
- Level 1 Basic: Modules A and B
- Level 2 Advanced: Modules C and D
- Level 3 Advanced: industrial homeopathic pharmacy
- Level 4 Advanced: university teaching

If a course is conducted by authorized local schools accredited by ECH, the certification can be used for the requirements for a European Diploma in Homeopathic Pharmacy.

5.1 BASIC CURRICULUM FOR PHARMACISTS

This should cover the following Programme (Table 1)

- History and principles of homeopathy
- The role of pharmacy in homeopathy
- Different aspects in evaluation and treatment of acute and chronic diseases
- Basic understanding of homeopathic treatment
- Research in Homeopathy
- Materia Medica
- Repertory
- Basic homeopathic literature

Duration: 30 hours

Certification: confirmation of attendance

5.2 COURSES FOR PHARMACISTS

The courses are structured in an adoptive module system.

5.2.1 Level 1 - Basic

Module A

Topics: (Table 2)

- Principles in homeopathic pharmacy
- Homeopathic pharmacopoeias
- · Laboratory requirements
- Regulatory and legal basics
- · Concepts of councelling
- Preparation of homeopathic medicines

Duration: 24 hours

Module B

Topics: (Table 3)

- Homeopathic advice in acute situations
- Counselling in the pharmacy
- Repertorisation

Duration: 70 hours

Certification:

The participant must pass a written or digital examination after completion of Level 1, covering the contents of the Basic curriculum for pharmacists and Modules A and B

Duration: 124 hours

Graduation: Certificate in homeopathic

pharmacy

5.2.2 Level 2 – Advanced

For pharmacists, the specific requirements in preparation, counselling and advice in the pharmacy, legislation, distribution and warehousing should be offered at a second level.

Module C

Topics: (Table 4)

- Preparation of homeopathic medicines
- Basic infrastructure of a homeopathic laboratory
- Requirements for preparation
- Potentisation
- Prescription and prescribing conventions
- Remedy delivery and advice
- Storage
- Knowledge of special preparations
- Practice in homeopathic pharmacy

Duration: 56 hours

Module D

Topics: (Table 5)

The participant demonstrates on the basis of self-determined work his knowledge in at least one of the following fields:

- · Documentation of cases
- Experience in homeopathic pharmacy
- Project report for materia medica improvement
- Registration of homeopathic medicines
- Journal publication
- Project thesis

Duration: 70 hours

Certification

The participant must pass a written or digital examination after completion of Levels 1 and 2 covering the contents of the modules. After completing the advanced level of Module C an oral examination is required. For Module D, requirements must be met via case documentations, project work, and publications.

All these requirements are mandatory for attaining the European Diploma in Homeopathic Pharmacy.

The hours of the Advanced Level 3 (Industrial homeopathic pharmacy) can be acknowledged in the European Diploma on Homeopathic Pharmacy and replace other points mentioned above.

Total duration: 250 hours

Graduation: European Diploma in

Homeopathic Pharmacy

5.2.3 Level 3 – Advanced: Industrial homeopathic pharmacy

Topics: (Table 6)

- Registration/authorisation processes and authorities and other bodies
- The legal basis
- The regulatory distribution status
- Manufacturing, quality control, batch release and pharmacovigilance
 Storage and distribution

Duration: 36 hours

If advanced level 3 is to be acknowledged in the Diploma, a written examination for this course is mandatory.

5.2.4 Level 4 – Advanced: University level

Topics: (Table 7)

- Legal requirements
- Scientific evidence
- · Practical and clinical research
- Pharmacognosy
- Pharmacology
- Toxicology
- Provings
- Collaborative practical experience of all stakeholders (Networking)

For pharmacists teaching at university, including research topics.

This part should be structured as a university course based on the requirements of the European Committee for Homeopathy Guidelines for the training of homeopathic pharmacists. This training should be based on the Basic curriculum for pharmacists, Level 1 (Modules A and B) and Advanced Level 2 (Modules B and C), implementing the Medical homeopathic education standards for LMHI and ECH allied schools, Appendix 1 – Guidelines for homeopathic pharmacists, [5] European Higher Education Area [6] [7] [8] [11]

5.2.5 Procedures and principles to implement this training course

- The training programme shall be carried out in theory and in practice.
- Theoretical and practical courses shall not exceed 8 (eight) hours a day.
- The period of a course shall be 45 (forty-five) minutes.
- Continuous attendance is essential for the training; the practical training requires compulsory attendance.
- Candidates who fail to attend at least 10% (ten percent) of both the theoretical and practical courses must complete the required hours before they can proceed with certification.
- The following teaching and learning strategies, methods and techniques shall be applied in the training programme:
 - Verbal lecture
 - o Small group discussion
 - Demonstrative teaching
 - Laboratory practices
 - Collaborative scientific advice excursion etc.
 - Question & Answer
 - o Video-based teaching / webinar
 - Distance learning
 - Scientific collaborations in projects

The teaching requirements and content must follow the legal and regulatory framework for pharmacists [1] [2] [4] [5] [6] [7] [8].

6 ANNEX A – TRAINING COURSES*

6.1 BASIC CURRICULUM FOR PHARMACISTS

SUBJECT	LEARNING OUTCOMES	DUR	DURATION (HOURS)		URS)
BASIC CURRICULUM FOR PHARMACISTS	Basic understanding in homeopathic pharmacy	THEORY	PRACTICE	**E-LEARING	TOTAL
History and principles of homeopathy	 Definition, history and development of homeopathy Basic understanding of health/illness within the homeopathic perspective Definition and terms Differentiation of homeopathy from other therapies with potentized remedies (e.g. Schüßler Salts, isopathy, anthroposophy, spagyric, complex homeopathy) 	5h		x	5h
The role of Pharmacy in Homeopathy	 Basic understanding of homeopathic pharmacy Starting material Mother tincture Potentisation, trituration Dilutional scales Single remedies versus combined remedies 	3h	4h		7h
Different aspects in evaluation and treatment of acute and chronic diseases	 Basic knowledge of acute disease management and first aid Knowledge of effectiveness of homeopathy demonstrated e.g. by videos to show the results of homeopathic treatment 	4h		х	4h
Basic understanding in Homeopathic Treatment	 Knowledge of the principles of homeopathic treatment Knowledge of application forms of homeopathic medicines Understanding of prescription writing Accurate interpretation of prescriptions 	4 h			4 h

SUBJECT	LEARNING OUTCOMES	DUR	DURATION (HOURS)		
BASIC CURRICULUM FOR PHARMACISTS	Basic understanding in homeopathic pharmacy	THEORY	PRACTICE	**E-LEARING	TOTAL
	Knowledge to determine the indications for homeopathic treatment in general and in a given acute situation				
	Awareness of the potential of homeopathy in the treatment of chronic or complex disease				
	Awareness of the relevance of different disease categories to patient advice regarding realistic time-frames for treatment and response				
	Ability to interpret common responses to homeopathic treatment and to provide appropriate advice to patients				
	Knowledge of the typical reactions of a patient after application of a homeopathic remedy				
	Knowledge of routes of administration, dosage forms, topicals and their mode of application				
	Understanding of the meaning and relevance of guiding symptoms				
	Concept of approved indications				
Research in Homeopathy	 Knowledge of the results of main studies in homeopathy and basic research Levels of evidence 	3 h		х	3 h
Materia Medica	 Knowledge of how to study Materia Medica Origin of the homeopathic Materia Medica Knowledge of the guiding symptoms of a remedy 	2 h		Х	2 h
Repertory	Basic knowledge of the structure and use of Kent-based and Boenninghausen-based repertories	4 h			4 h
Literature	 Knowledge of the main homeopathic literature: Organon of Healing Art, The Chronic Diseases, Pure Materia Medica, condensed materiae medicae [12] 	1 h		х	1 h

SUBJECT	LEARNING OUTCOMES	DUR	ATION	(HOI	URS)
BASIC CURRICULUM FOR PHARMACISTS	Basic understanding in homeopathic pharmacy	THEORY	PRACTICE	**E-LEARING	TOTAL
Total		26h	4 h		30h

Table 1 - Basic curriculum for pharmacists

6.2 LEVEL 1 - BASIC - MODULE A

SUBJECT	LEARNING OUTCOMES	DURATION (HOURS)		URS)	
MODULE A	Principles of homeopathy with regard to the process of preparation of homeopathic medicines	THEORY	PRACTICE	**E-LEARING	TOTAL
Principles in Homeopathic Pharmacy	Knowledge of the European Pharmacopoeia Methods of preparation of homeopathic stocks and potentisation (2371) Methods for the Production of Homoeopathic Medicinal Products (GHP section H5)	9 h		x x	9h
Homeopathic Pharmacopoeias	 Knowledge of the structure of German Homoeopathic Pharmacopeia (GHP), French Pharmacopeia Knowledge of the structure of monographs in German Homoeopathic Pharmacopeia and French Pharmacopeia, including examples 	2h		X	2h
Laboratory requirements	Knowledge of the basic equipment for homeopathic laboratory requirements	1h		Х	1h
Regulatory and legal basics	Knowledge of regulatory and legal basis for homeopathic medicinal products and homeopathic treatment (European and national requirements)	3h		X	3h
Counselling concept	 Basic logistical knowledge and knowledge of the quality criteria for homeopathic medicines Understanding of pharmaceutical distribution concepts in context of availability requests 	1h		X	1h

SUBJECT	LEARNING OUTCOMES	DURATION (HOURS)			URS)
MODULE A	Principles of homeopathy with regard to the process of preparation of homeopathic medicines	THEORY	PRACTICE	**E-LEARING	TOTAL
Preparation of homeopathic medicines	 Practical knowledge of the preparation of homeopathic remedies according Ph. Eur. Methods: (in recognition of annual updates) Ph. Eur. Liquid dilutions - 1.1.1, 1.1.3, 1.1.5, 1.1.8, 1.1.9, 1.1.10 (MT) 3.1.1, 3.2.1, 3.2.2 Ph. Eur. Triturations 4.1.1, 4.1.2, 4.2.1, Ph. Eur. LM-potencies 5.2 GHP method 10 (pilules; Ph. Eur. 2153 and 2079), 15 (eye drops), 59 (Q-potencies) and theoretical knowledge of GHP preparation method 9 (tablets), 11 (parenteral preparations) 13 (ointments), 14 (suppositories), 16 (mixtures), 39 (Globuli velati) 40 (co-potentised mixtures), 41, 42 (organ preparations) 43, 44 (Nosodes) 45 (nasal drops) 		8h		8h
Total		16h	8h		24h

Table 2 - Level 1 - Basic Module A

6.3 LEVEL 2 - BASIC - MODULE B

SUBJECT	LEARNING OUTCOMES	DUR	DURATION (HOURS)		URS)
Module B	Homeopathic advice in acute situations	THEORY	PRACTICE	**E-LEARING	TOTAL
Basics in homeopathic advice in acute situations	 Differentiation between self-medication and medical therapy in acute situations Appropriacy and safety of homeopathic self-treatment The complete symptom: causation, location, sensations, modalities and concomitants Basic knowledge of acute disease management and first aid Patient reaction to application of a homeopathic remedy (e.g. first aggravation, unintended homeopathic drug proving) 	4h		x	4h
Counselling in the pharmacy	 Case-taking and case analysis in acute situations, and advice in the pharmacy Differentiate the main remedies for acute situations, e.g.: Injuries, insect bites, burns Fever Throat pain, pain in larynx and trachea Acute head pain Cold, Cough, Rhinitis, Sinusitis Hay fever (acute interventions) Ear pain Acute eye diseases Toothache Back pain and pain in extremities Acute gastric and intestinal problems Acute bladder infections Acute mental stress, e.g. examination, shock, Complaints of menstruation, menopause Acute skin diseases Acute diseases during childhood Insomnia First aid, travel pharmacy Childhood problems 	31h	18h	X (Theo retical Part)	49h

SUBJECT	LEARNING OUTCOMES	DURATION (HOURS)			URS)
Module B	Homeopathic advice in acute situations	THEORY	PRACTICE	**E-LEARING	TOTAL
Repertorisation	 Issues of ethics, competency and responsibility First consultation in the framework of the pharmacy Follow-ups and observation of reactions in the framework of the pharmacy Examples of acute cases Working knowledge of repertories Kent, Synthesis, Kent-based computerised repertories Other methods: e.g. Polarity Analysis 		17h		17h
Total		35h	35h		70h

Table 3 - Level 2: Basic Module B

6.4 LEVEL 2 – ADVANCED - MODULE C

SUBJECT	LEARNING OUTCOMES	DURATION (HOURS)		JRS)	
Level 2 Advanced Module C	Homeopathic pharmacy: preparation of homeopathic medicines	THEORY	PRACTICE	E-LEARING	TOTAL
Homeopathic pharmacy	Preparation of homeopathic medicines Principles of homeopathy with regard to the preparation of homeopathic medicines Quality and criteria (D, C, LM, Q, K potencies) Nomenclature of remedies and prescription Certificated production of nosodes according to Ph. Eur. Individual preparations Preparation of new homeopathic medicines according to, or to enable, new provings [17]	x		X	
	Basic infrastructure of a homeopathic laboratory Pharmacy guidelines (GMP, GPP, GDP) Equipment requirements Ethanol/water mixtures in homeopathy Vehicles and excipients	X		X	
	Requirements for preparation raw materials, stocks, mother tinctures, glycerol macerates, stocks of animal, chemical and human origin, nosodes and triturations	х		X	
	manual and mechanical dynamisations co-potentised mixtures Korsakovian potentisation LM/Q potencies	x		х	
	Preservation of remedies Impregnation Dosage forms, labelling of preparations Prescriptions and conventions Remedy delivery and advice	x		X	
		40h			40h

SUBJECT	LEARNING OUTCOMES	DURATION (HOURS)		URS)	
Level 2 Advanced Module C	Homeopathic pharmacy: preparation of homeopathic medicines	THEORY	PRACTICE	E-LEARING	TOTAL
	Preparation of recommended homeopathic remedies with regard to the Services of Medical Doctors with an additional qualification in Homeopathy (MDQH) -Requirements for health care provision by Medical Doctors with an additional qualification in Homeopathy [6] [7] [8] [10] Practice in homeopathic pharmacy Dilution (Hand potentisation, Korsakov) Impregnation of pillules Trituration – LM/Q Parenteral preparations Ointments Suppositories Nasal drops Nosodes - preparation of remedies from specific biological sources Exceptional preparations	X	16h X X X	X	16h
Total		40h	16h		56h

Table 4 - Level 2: Advanced Module C

6.5 LEVEL 2 – ADVANCED - MODULE D

SUBJECT	LEARNING OUTCOMES	DUR.	ATION JRS)	
Level 2 Advanced Module D	Project thesis, case management, homeopathic pharmacy, materia medica improvement, registration of homeopathic medicines, journal publication, demonstrated by independent work in at least one of the following fields	THEORY	PRACTICE	TOTAL
Documentation of cases	At least 5 case-takings, with reasons for remedy selection and documentation of follow-up (2 hours per patient)			
Experience in homeopathic pharmacy	Certificate showing at least 30 hours work experience in a homeopathic laboratory (preparation of homeopathic stocks, potentisation, identification, assay			
Project report for materia medica improvement	Documentation of at least 30 clinical cases of a homeopathic remedy or toxicological reports of homeopathic stocks from homeopathic or scientific references			
Registration of homeopathic medicines	Certificate demonstrating at least 30 hours work experience in the registration of homeopathic medicines			
Journal publication	Publication in a homeopathic, CAM or scientific journal (10 hours per written page)			
Project thesis	Covering a new topic, demonstrating that the candidate has dealt intensively with a specific problem (Minimum 10 pages, 40 hours)			
Total minimum			70h	70h

Table 5 - Level 2: Advanced - Module D

6.6 LEVEL 3 – ADVANCED: INDUSTRIAL HOMEOPATHIC PHARMACY

SUBJECT	LEARNING OUTCOMES	DURATION (HOURS)
Industrial homeopathic pharmacy	Practises in homeopathic industry	TOTAL
Registration and authorisation	Registration / authorisation processes, and authorities and other bodies https://ec.europa.eu/health/sites/health/files/files/eudralex/vol-2/a/vol2a_chap2_2007-02_en.pdf	
Legal basis	 National and MRP procedure Dir. 2001/83/EC and its amendments - Art. 14 and Art. 16 HMP working group 	
Regulatory distribution status	 Quality, safety (FSD) and homeopathic use Country-specific distribution status of homeopathic products 	
Manufacturing, Quality control, Batch release, Pharmacovigilance	 Manufacturing licence GMP principles and conditions for licence, including all requirements Ph. Eur. and other Pharmacopoeias, including review of applicable methods (e.g. norms of microbiology of impregnated granules and globules being evaluated as sublingual preparations, etc.) Quality control: identity purity assay Quality and Validation Pharmacovigilance Performance of compliance audits by the national authorities https://ec.europa.eu/health/documents/eudralex/vol-4_en 	
Storage and distribution	 Guidelines on Good Distribution Practice (GDP) of medicinal products for human use (2013/C 343/01) Transport and storage conditions 	
Total		36h

Table 6 - Level 3: Advanced - Industrial homeopathic pharmacy

6.7 LEVEL 4 - ADVANCED - UNIVERSITY LEVEL

SUBJECT	LEARNING OUTCOMES	DURATION (HOURS)
University Level		Total

QUALIFICATIONS for teaching in a university

A person who has attained at least one of the following qualifications shall be designated as a trainer for this programme:

pharmacist holding an ECH diploma in homeopathy; members of university departments of pharmaceutical botany, botany, biology, microbiology, pharmaceutical chemistry, chemistry, pharmacognosy, pharmaceutical technology, pharmacology/ toxicology and clinical pharmacy within faculties of pharmacy/medicine; pharmacists holding a master's and/or doctoral degree in the field of homeopathy.

Advanced Level 4 should follow the structure of a university course, based on the requirements of the Guidelines for the training of homeopathic pharmacists, European Committee for Homeopathy.

Training should be based on the framework of the Basic curriculum for pharmacists, Level 1 (Module A and B) and Advanced Level 2 (Modules B and C), implementing the Medical homeopathic education standards for LMHI and ECH allied schools, Appendix 1 – Guidelines for homeopathic pharmacists [5] [13] [14] [15] [11]

Legal requirements	Knowledge of legal texts, at both European and national level, which have implications for homeopathy and homeopathic medicinal substances, together with a good understanding of the legislation.	
Scientific evidence	 Knowledge of scientific evidence: clinical data, trials and meta-analyses, laboratory experiments. 	
Practical and clinical research	Understand and practise both practical and clinical research	

SUBJECT	LEARNING OUTCOMES	DURATION (HOURS)
University Level		Total
Pharmacognosy	 Systematic botany and proving of plants Families and joint symptoms Toxicology Chemistry: Inorganic and organic chemistry, including minerals and venoms of chemically starting materials (CSM) Systematic classification of chemicals and minerals and their homeopathic proving Families of chemicals and minerals including joint symptoms Solubility, compatibility, stability and toxicology aspects Zoology, microbiology, histology: Systematic classification of animal and microbiological starting materials and their provings Biological families and joint symptoms Stability and toxicology aspects Safety of homeopathic raw and starting materials Nosodes, sarcodes 	
Pharmacology	 Clinical cases (anamnesis, case-taking, current treatment, recording of cases) Medical issues needed in a pharmacy for homeopathic treatment (for counselling and giving advice) 	
Toxicology	 First safety dilution (FSD) – HMPWG [16] Toxicological and medical background Contra-indications, interactions Antidotes (toxicological) in case of adverse effects e.g. simultaneous homeopathic and other treatments (allopathy, phototherapy, etc) or underlying physical or mental disorders Specialised galenics in function of properties and characteristics 	

SUBJECT	LEARNING OUTCOMES	DURATION (HOURS)
University Level		Total
Provings	ECH Homeopathic proving Guidelines, harmonized by LMHI and ECH [17]	
Collaborative practical experience of all stakeholders	 Pharmaceutical homeopathic companies Laboratories Universities Authorities Research institutes 	
Total	The duration of courses shall comply with the edu Universities and shall be defined in ECTS system.	cation programme of EU

Table 7 - Level 4: Advanced - University Level

^{*}The topics described in Annex A provide the required framework for teaching.

^{**}The hours of e-learning in each section should be decided by individual schools.

7 ANNEX B - REMEDY LIST

	REMEDY	Raw Material	PHARMACOPOEIAL MONOGRAPH
1	Aconitum napellus	Aconitum napellus	GHP, Ph.Fr., Ph.Eur., HPUS, HPInd, BHP
2	Aesculus hippocastanum	Aesculus hippocastanum	GHP, Ph.Fr., HPUS, FHP, HPInd; BHP
3	Allium cepa	Allium cepa	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
4	Aloe socotrina /	Aloe socotrina; Aloe (div. species)	HAB 34 (Aloe socotrina); Aloe: GHP, Ph.Fr., HPUS, BHP
5	Agaricus (Amanita muscaria)	Amanita muscaria	GHP, Ph.Fr., HPUS, HPInd
6	Alumina	Aluminium oxydatum	GHP, HPINd, HPUS, BHP
7	Ambra	Ambergris produced in digestive tract of sperm whale (Physeter catadon)	GHP, HPInd, HPUS, BHP
8	Anacardium	Semecarpus anacardium	GHP, HPInd, HPUS, BHP
9	Anthracinum*	Anthracinum nosode	not specified
10	Antimonium crudum	Antimony (III) sulphide, syn. Stibium sulfuratum nigrum	GHP, Ph.Fr., HPUS, HPInd, BHP
11	Antimonium tartaricum	Antimony (III) potassium tartrate; syn. Tartarus stibiatus	GHP, Ph.Fr. HPUS, HPInd, BHP
12	Apis mellifica	Apis mellifica	Ph.Eur. (GHP), HPUS, FHB, HPInd, BHP
13	Argentum nitricum	Silver nitrate	GHP, Ph.Fr.,HPUS, FHB, HPInd, BHP
14	Arnica montana	Arnica montana	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
15	Arsenicum album	Arsenic (III) oxide	Ph.Eur., (GHP), HPUS, HPInd, BHP

	REMEDY	Raw Material	PHARMACOPOEIAL MONOGRAPH
16	Arum triphyllum	syn. Arisaema triphyllum	GHP, HPUS, HPInd, BHP
17	Aurum metallicum	Gold	GHP; Ph.Fr., HPUS, HPInd
18	Arundo	Arundo donax syn. Arundo mauritanica	HAB 34, Ph.Fr., HPInd
19	Baryta carbonicum	Barium carbonate	GHP, Ph.Fr.,HPUS, FHB, HPInd, BHP
20	Belladonna	Atropa belladonna	Ph.Eur., (GHP), HPUS, FHB, HPInd, BHP
21	Bellis perennis	Bellis perennis	GHP, Ph. Fr., HPUS, HPInd, BHP
22	Berberis vulgaris	Berberis vulgaris	GHP, Ph.Fr., HPUS, HPInd, BHP
23	Borax	Disodium tetraborate	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
24	Bryonia	syn. Bryonia cretica ssp. dioica (GHP)	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
25	Cactus grandiflorus	Selenicereus grandiflorus	GHP, Ph.Fr., HPUS, HPInd, BHP
26	Calcarea arsenicosa	Calcium arsenite	GHP, HPInd
27	Calcarea carbonica	Calcium carbonate	GHP, Ph.Fr., HPUS, FHB, HPInd
28	Calcarea phosphorica	Calcium phosphate	GHP, Ph.fr., HPUS, FHB, HPInd, BHP
29	Calendula officinalis	Calendula officinalis	GHP, Ph.Fr., HPUS, FHP, HPInd, BHP
30	Camphora	D-Campher	GHP, Ph.Eur., HPInd, HPUS, BHP

	REMEDY	Raw Material	PHARMACOPOEIAL MONOGRAPH
31	Cantharis vesicatoria	Lytta vesicatoria	GHP, HPUS, HPInd, BHP
32	Capsicum annuum	Capsicum annuum	GHP, Ph.Fr., HPUS, HPInd, BHP
33	Carbo vegetabilis	Charcoal, Carbon	GHP, Ph.Fr., HPUS, HPInd, BHP
34	Carcinosinum*	Cancer nosode	not specified; GHP: definition and preparation of nosodes
35	Carduus marianus	Silybum marianum	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
36	Caulophyllum	Caulophyllum thalictroides	GHP, FHP, HPUS, HPInd, BHP
37	Causticum	syn. Causticum Hahnemanni, probably potassium hydroxide solution	GHP, Ph.Fr.,HPUS, HPInd, BHP
38	Chamomilla	Matricaria recutita	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
39	Chelidonium majus	Chelidonium majus	GHP, Ph.Fr., FHB, BHP
40	China	Cinchona officinalis; Cinchona pubescens (succirubra)	GHP, Ph.Fr., HPUS, HPInd, BHP
41	Cimicifuga racemosa	Cimicifuga racemosa	GHP, HPUS, HPInd, BHP
42	Cina	Artemisia cina	GHP, Ph.Fr., HPUS, HPInd, BHP
43	Cinnabaris	Hydragyrum sulfuratum rubrum	GHP, HPInd, BHP
44	Cocculus indicus	Anamirta cocculus	Ph.Eur., (GHP), HPInd, BHP
45	Coccus cacti	Dactylopius coccus	GHP, Ph.Fr., HPUS, HPInd, BHP
46	Coffea	Coffea arabica	GHP, Ph. Fr., HPInd, HPUS, BHP

	REMEDY	Raw Material	PHARMACOPOEIAL MONOGRAPH
47	Colchicum autumnale	Colchicum autumnale	GHP, Ph.Fr., HPUS, HPInd, BHP
48	Colocynthis	Citrullus colocynthis	GHP, Ph.Fr., HPUS, HPInd, BHP
49	Conium maculatum	Conium maculatum	GHP, Ph.Fr., HPUS, HPInd
50	Corallium rubrum	Corallium rubrum	GHP, HPUS, HPInd, BHP
51	Cuprum metallicum	Copper	Ph.Eur., GHP, HPUS, FHB, HPInd, BHP
52	Drosera rotundifolia	Drosera rotundifolia	GHP, Ph.Fr., HPUS, HPInd, BHP
53	Dulcamara	Solanum dulcamara	GHP, Ph.Fr., HPUS, FHB, HPInd
54	Echinacea	Echinacea angustifolia, Echin. pallida	GHP, HPINd, HPUS
55	Eupatorium perfoliatum	Eupatorium perfoliatum	GHP, Ph.Fr., HPUS, HPInd, BHP
56	Euphrasia officinalis	Euphrasia rostkoviana	GHP, Ph.Fr., HPUS, HPInd, BHP
57	Ferrum phosphoricum	Iron (III) phosphate	GHP, Ph.Fr., HPUS, HPInd, BHP
58	Gelsemium sempervirens	Gelsemium sempervirens	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
59	Glonoinum	Nitroglycrine, Propane-1,2,3-triyl trinitrate	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
60	Graphites	Graphite, Carbon	GHP, Ph.Fr., HPUS, HPInd, BHP
61	Hamamelis virginiana	Hamamelis virginiana	GHP, Ph.Fr., HPUS, HPInd, BHP
62	Hekla lava	Lava from Hekla volcano Hekla (Iceland)	GHP, HPInd, HPUS

	REMEDY	Raw Material	PHARMACOPOEIAL MONOGRAPH
63	Helleborus	Helleborus niger and hybrids	GHP, Ph.Fr., HPINd, HPUS, HBP
64	Hepar sulphuris	mostly Calcium sulfide	GHP, HPUS, HPInd, BHP
65	Histaminum	Histamine	Ph.Eur., HPUS (Histaminum hydrochloridum)
66	Hydrastis canadensis	Hydrastis canadensis	Ph.Eur., (GHP), HPUS, FHB, HPInd, BHP
67	Hyoscyamus niger	Hyoscyamus niger	Ph.Eur., (GHP), HPUS, FHB, HPInd, BHP
68	Hypericum perforatum	Hypericum perforatum	Ph.Eur., (GHP), HPUS, FHB, HPInd, BHP
69	Ignatia amara	Strychnos ignatii	Ph.Eur., (GHP), HPUS, FHB, HPInd, BHP
70	lodum	lodine	Ph. Eur., (GHP), HPUS, HPInd, BHP
71	Ipecacuanha	Carapichea ipecacuanha, syn. Psychotria ipecacuanha, Cephaelis ipecacuanha	GHP, Ph.Fr., HPUS, FHB; HPInd, BHP
73	Iris versicolor	Iris versicolor	GHP, Ph.Eur., HPUS, HPInd, BHP
74	Justicia adhatoda	Justicia adhatoda syn. Adhatoda vasica	GHP, HPUS, HPInd, BHP
75	Kalium bichromicum	Potassium dichromate	Ph.Eur. (GHP), HPUS, FHB; HPInd, BHP
76	Kalium carbonicum	Potassium carbonate	GHP, Ph.Fr., HPUS, HPInd, BHP
77	Kalium iodatum	Potassium iodide	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP

	REMEDY	Raw Material	PHARMACOPOEIAL MONOGRAPH
78	Kalium phosphoricum	Potassium phosphate	Not specified:
79	Kreosotum	Beechwood creosote	GHP, HPUS, HPInd, BHP
78	Lac caninum	Dog's milk	HAB 34
80	Lachesis mutus	Lachesis muta (venenom)	GHP, Ph.Fr., HPUS, BHP
81	Ledum palustre	Ledum palustre	GHP, Ph.Fr., HPUS, HPInd, BHP
82	Luffa operculata	Luffa operculata	GHP, HPInd, HPUS
83	Lycopodium clavatum	Lycopodium clavatum	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
84	Magnesium carbonicum	Magnesium carbonate	GHP, Ph.Fr., HPUS, FHB; HPInd, BHP
85	Magnesium phosphoricum	Magnesium phosphate	Ph.Eur., (GHP), HPUS, FHB, HPInd, BHP
86	Medorrhinum*	Gonorrhea nosode	HPUS; HPI
87	Mercurius corrosivus	Mercury (II) chloride syn. Hydragyrum bichloratum	GHP, Ph.Fr., HPUS, HPInd
88	Mercurius cyanatus	Mercury (II) cyanide	GHP, HPUS, HPInd, BHP
89	Mercurius solubilis	Mixture from mercury (II) amidonitrate and metallic mercury	GHP, Ph.Fr., HPUS, HPInd
90	Mezereum	Daphne mezereum	GHP, Ph.Fr., HPUS, HPInd, BHP
91	Naja tripudians	Naja naja (venenom)	GHP, HPUS, HPInd, BHP
92	Natrium carbonicum	Sodium carbonate	GHP, HPInd, HPUS, BHP

	REMEDY	Raw Material	PHARMACOPOEIAL MONOGRAPH
93	Natrium muriaticum	Sodium chloride	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
94	Natrium sulphuricum	Sodium sulfate	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
95	Nitricum acidum	Nitric acid	GHP, Ph. Fr., HPUS, FHB, HPInd, BHP
96	Nux vomica	Strychnos nux-vomica	Ph.Eur., (GHP), HPUS, FHB, HPInd, BHP
97	Okoubaka	Okoubaka aubrevillei	GHP, HPUS, BHP
98	Opium	Opium	GHP, HPUS, HPInd
99	Petroselinum	Petroselinum crispum var. crispum	GHP, HPUS, HPInd, BHP
100	Petroleum	Kerosene, paraffin	Ph.Eur., (GHP), HPUS, HPInd
101	Phosphoricum acidum	Orthophosphoric acid, Phosphoric acid	GHP, Ph.Eur., HPUS, FHB, HPInd, BHP
102	Phosphorus	Phosphorus white modification	GHP, HPInd, BHP
103	Phytolacca decandra	Phytolacca americana	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
104	Podophyllum peltatum	Podophyllum peltatum	GHP, Ph.Fr., HPUS, HPInd, BHP
105	Psorinum*	Scabies nosode	HPUS
106	Pulsatilla pratensis	Pulsatilla pratensis	GHP, Ph.Fr., HPUS, BHP, HPInd
107	Pyrogenium*	Pyrogenium nosode	GHP, HPUS
108	Ranunculus bulbosus	Ranunculus bulbosus	GHP, Ph.Fr., HPUS, HPInd, BHP
109	Rheum officinale	Rheum officinale, R. palmatum	GHP, Ph.Fr., HPUS, HPInd

	REMEDY	Raw Material	PHARMACOPOEIAL MONOGRAPH
110	Rhododendron chrysanthum	genus of Rhododendron	GHP: R. campylocarpum, R. aureum and hybrides of both; HPUS, HPInd, BHP: R. chrysanthum; Ph.Fr.: R. ferrugineum
111	Rhus toxicodendron	Rhus toxicodendron	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
112	Rumex crispus	Rumex crispus	GHP, Ph.Fr., HPUS, HPInd, BHP
113	Ruta graveolens	Ruta graveolens	GHP, HPUS, FHB, HPInd, BHP
114	Sabadilla officinarum	Schoenocaulon officinale	GHP, Ph. Fr, HPInd, HPUS, BHP
115	Sambucus nigra	Sambucus nigra	GHP, Ph.Fr., HPUS, HPInd, BHP
116	Sanguinaria canadensis	Sanguinaria canadensis	GHP, Ph.Fr., HPUS, HPInd, BHP
117	Sarsaparilla officinalis	Smilax officinalis	GHP, Ph.Fr.,HPUS, HPInd, BHP
118	Secale cornutum	Secale cornutum	GHP, HPUS, HPInd, BHP
119	Sepia officinalis	Sepia officinalis	GHP, Ph.Fr., HPUS, HPInd, BHP
120	Silicea	Silicium dioxide, Silica	GHP, Ph. Fr., HPUS, HPInd, BHP
121	Solidago virgaurea	Solidago virgaurea (also S. virga aurea)	GHP, Ph.Fr., HPUS, HPInd, BHP
122	Spigelia anthelmia	Spigelia anthelmia	GHP, Ph.Fr., HPUS, HPInd, BHP
123	Spongia tosta	Spongia officinalis, syn. Euspongia officinalis	GHP, Ph.Fr., HPUS, HPInd

	REMEDY	Raw Material	PHARMACOPOEIAL MONOGRAPH
124	Staphysagria	Delphinium staphisagria	Ph.Eur., GHP, HPUS, FHB, HPInd, BHP
125	Sticta pulmonaria	Lobaria pulmonaria	GHP, HPUS, HPInd, BHP
126	Stramonium	Datura stramonium	GHP, Ph.Fr., HPInd, BHP
127	Sulphur	Sulfur	Ph.Eur., GHP, HPUS, FHB, HPInd, BHP
128	Symphytum	Symphytum officinale	GHP, HPInd, HPUS, BHP
129	Syphilinum*	Luesinum nosode	HPUS; HPI
130	Tabacum	Nicotiana tabacum	GHP, HPUS, HPInd, BHP
131	Taraxacum officinale	Taraxacum officinale	GHP, HPUS, FHB, HPInd, BHP
132	Tarentula hispanica	Allocosa fasciventris (Lycosa tarantula)	GHP, HPInd, HPUS, BHP
133	Thuja occidentalis	Thuja occidentalis	GHP, Ph.Fr., HPUS, FHB, HPInd, BHP
134	Tuberculinum*	Tuberculinum nosode	HPUS; HPI
135	Urtica	Urtica urens; Urtica dioica (GHP)	Ph.Eur., GHP Ph.Fr. HPUS, HPInd, BHP
136	Veratrum album	Veratrum album	GHP, Ph.Fr., HPUS, HPInd
137	Vipera redii	Vipera aspis (venenom)	HAB34
138	Wyethia	Wyethia helenoides	HAB 34, HPUS, HPInd
139	Zincum metallicum	Zinc	GHP, HPUS, HPInd, BHP
140	Zincum valerianicum	Zincum valerianicum	GHP, HPInd

(*) Nosode

The regulatory and legal peculiarities of every country have to be considered!

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11 LIST OF ABBREVIATIONS

BHP British Herbal Pharmacopoeia

CPD Continuing Professional Development

EC European Commission

ECH European Committee for Homeopathy

ECTS European Credit Transfer and Accumulation System

GHP German Homoeopathic Pharmacopoeia

HPInd Homeopathic Pharmacopoeia of India

HPUS Homoeopathic Pharmacopoeia of the United States

Ph. Eur. European Pharmacopoeia

Ph. Fr. Pharmacopée française