



Faculty of Pharmacy
Tabriz University of Medical Sciences

Ph.D Courses of Pharmacognosy

Table A. Compensatory courses

		Number of Credits	Total hours of the course			Prerequisite or concurrent courses
			Theoretical	Practical	Total	
01	plant biochemistry	1	17	-	17	-
02	Plant ecology	1	17	-	17	-
03	Economics and marketing of raw natural Materials and medications	1	17	-	17	-
04	*Pharmaceutical information systems	1	9	17	26	-
Total		4				

Students should earn all or some of credits (Table A) as specified by the corresponding department.

* Passing this course is obligatory for those who have not completed it before.

Table B. Core courses

Code of the course	Title of the course	Number of Credits	Total hours of the course			Prerequisite or concurrent courses
			Theoretical	Practical	Total	
05	Advanced analytical	3	34	34	68	
06	Extraction, isolation and identification of natural compounds	6	68	68	136	05
07	Industrial processing of herbal medicines	1	17	-	17	-
08	Quality Control of natural	2	17	34	51	06
09	Advanced pharmacognosy	2	34		34	
10	Phytotherapy and natural medicine information	3	51	-	51	
11	Research methods in pharmacognosy	1	9	17	26	-
Total		18				

Table C. Non-core courses

Code of the course	Title of the course	Number of Credits	Total hours of the course			Prerequisite or concurrent courses
			Theoretical	Practical	Total	
12	Special topics in pharmacognosy	2	34	-	34	-
13	Plant cell and tissue culture	2	34	-	34	-
14	Medicinal plants systematic	2	34	-	34	-
Total		6				

* Students should choose 2 out of 6 non-core courses specified by the corresponding department.