Course Syllabus

Code - Course Title	**FKG530 - Phytopharmaceuticals**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. BETÜL DEMİRCİ

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	Pharmacognosy I, Pharmacognosy II, Pharmacognosy III
Recommended Resources	V. Schulz, R. Hansel, M. Blumenthal, V. E. Tyler, Rational Phytotherapy, Springer- Verlag Berlin Heidelberg, 2004. *Baytop, T. (1986) Farmakognozi Ders Kitabı, Cilt I. İstanbul: İstanbul Üniv.Yay.No.3399. *Baytop, T. (1983) Farmakognozi Ders Kitabı, Cilt II, İstanbul: İstanbul Üniv.Yay.No.2003. *Wallis, T.E. (1967) Textbook of Pharmacognosy. London: J. A.Churchill Ltd.. *Evans, W. C. (2002) Trease and Evans\\' Pharmacognosy, 15th Ed.. Edinburg, UK: W.B.Saunders. *Tyler, V. E., Brady, L. R., Robbers, J. E. (1988) Pharmacognosy. Philadelphia: Lea Febiger. *Baytop, A. (1991) Bitkisel Drogların Anatomik Yapısı. İstanbul: İstanbul Üniv.Yay.No.3678. *Harborne, J.B. (1984) Phytochemical Methods, 2nd Edition. Chapman and Hall. *Türk Farmakopesi 1974, T.C.Sağlık ve Sosyal Yardım Bakanlığı Sayı:435, Milli Eğitim Basımevi, İstanbul. *British Pharmacopoeia 1998, Volume I- II, The Stationary Office, London, 1998. *The United States Pharmacopeia (USP24) / The National Formulary (NF19) 2000 , United States Pharmacopeial Convention, Inc.12601 Twinbrook Parkway, Rockville, MD 20852, 1999. *European Pharmacopoeia (EP), 5th Edition, Council of Europe, 67075 Strasbourg Cedex, France, 2005. *Shellard, E.J. (1958) Exercises in the Evaluation of Drugs and Surgical Dressings. London: Pitman Medical Publishing Co.Ltd
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		The description of phytotherapia and history	
Week - 2		The growth and production of plant drugs, collection, drying, storage, packaging and trade/commerce	
Week - 3		Pharmakognosic methods, extraction, distillation, chromatography	
Week - 4		Drugs acting on the central nervous system	
Week - 5		Drugs acting on the cardiovascular system	
Week - 6		Drugs acting on the respiratory system	
Week - 7		Drugs acting on the digestive system	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 8		Drugs acting on the urinery system	
Week - 9		Adaptogens and effective drugs on the immune system	
Week - 10		Skin disorders, trauma, rheumatology and pain therapy used in drugs	
Week - 11		Phytotherapeuticals-Drug Interactions	
Week - 12		Herbal Teas	
Week - 13		Nutraceuticals	
Week - 14		Relevant legal regulations	

Learning Outcomes

#	Learning Outcome
1	identify drug from natural origin and their supply, cultivation, collection, storage, quality control and preparation of products along with their special conditions.
2	Preventive and curative effect on physiological systems interpret the drugs.
3	interpret Herbal teas, nutraceuticals and legislation of phytotherapy applications

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.