

Ankara Üniversitesi
Kütüphane ve Dokümantasyon Daire Başkanlığı
Açık Ders Malzemeleri

Ders izlence Formu / Syllabus

Dersin Kodu ve İsmi <i>Course Title and Code</i>	CHE422 Enzyme Engineering
Dersin Sorumlusu <i>Course Coordinator</i>	Prof.Dr.Zekiye Serpil Takaç
Dersin Düzeyi <i>Course Level</i>	Undergraduate
Dersin Kredisi <i>Course Credits</i>	3
Dersin Türü <i>Course Type</i>	Elective
Dersin İçeriği <i>Course Content</i>	Enzymes, properties of enzyme reactions, enzyme kinetics, immobilized enzyme systems, enzyme production in bioprocesses, enzyme reactors, industrial applications of free and immobilized enzymes
Dersin Amacı <i>Course Goals</i>	To teach the importance of enzymes and enzyme reactions
Dersin Süresi <i>Office Day-Hours</i>	3 h a week
Eğitim Dili <i>Language of Instruction</i>	English
Ön Koşul <i>Prerequisites</i>	none
Önerilen Kaynaklar <i>Recommended Sources</i>	1. Bailey JE and Ollis DF, 1986. Biochemical Engineering Fundamentals, McGraw Hill, 2 nd ed. NY. 2. Segel, I.H., 1975. Enzyme Kinetics, John Wiley&Sons, NY. 3. Shuler, ML and Kargı F, 1992. Bioprocess Engineering Basic Concepts, Prentice Hall, NJ.
Dersin Kredisi (AKTS) <i>ECTS</i>	5
Laboratuvar <i>Laboratory</i>	none
Diğer-1 <i>Others</i>	--