



**Kilis 7 Aralık University**

**Institute of Science**

**Department of Physics (Master's)**

**Courses for 2014-2016**

FALL SEMESTER		
Course Code	Course Name	ECTS
FİZ501	ADVANCED MATHEMATICAL METHODS I	6
FİZ507	ADVANCED SEMICONDUCTOR PHYSICS I	6
FİZ509	ADVANCED ATOMIC PHYSICS I	6
FİZ517	CLASSICAL MECHANICS I	6
FİZ519	EXPERIMENTAL NUCLEAR PHYSICS I	6
FİZ527	ADVANCED SOLID STATE PHYSICS I	6
FİZ531	MOLECULAR SPECTROSCOPY I	6
FİZ533	NUMERICAL ANALYSIS	6
FİZ537	MAGNETICAL PROPERTIES OF SOLIDS I	6
FİZ551	RADIATION PHYSICS	6
FİZ575	ATOMİK SPEKTROSKOPİ I	6
FİZ577	XRF' DE TEMEL HESAPLAMALAR	6
FİZ700	SEMINAR	6
FİZ599	M.SC.THESIS RESEARCH	24
FİZ801	SPECIAL TOPICS IN PHYSICS	6
SPRING SEMESTER		
Course Code	Course Name	ECTS
FİZ502	ADVANCED MATHEMATICAL METHODS II	6
FİZ510	ADVANCED ATOMIC PHYSICS II	6
FİZ512	ADVANCED ELECTROMAGNETIC THEORY II	6
FİZ514	ELECTRON DIFFRACTION THEORY	6
FİZ518	CLASSICAL MECHANICS II	6
FİZ520	EXPERIMENTAL NUCLEAR PHYSICS	6
FİZ522	SEMICONDUCTOR LASER FUNDAMENTALS	6
FİZ524	İLERİ MOLEKÜL FİZİĞİ-II	6
FİZ528	ADVANCED SOLID STATE PHYSICS	6
FİZ530	THEORETICAL & COMP. PHYSICS OF QUANTUM WELLS	6
FİZ532	MOLECULAR SPECTROSCOPY II	6
FİZ548	ENVIRONMENTAL RADIOACTIVITY	6



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FİZ574	ADVANCED ELECTROMAGNETIC WAVES	6
FİZ598	M.SC.THESIS RESEARCH	24
FİZ800	SPECIAL TOPICS IN PHYSICS	6

ECTS= European Credit Transfer System

\*These courses are for Master's Degree and offered only in specified academic semester.

\*\* PLEASE be aware that some classes may be cancelled or offered as individual study if there are not enough students registered for them.

\*\*\* For detailed information, please contact [mevlana@kilis.edu.tr](mailto:mevlana@kilis.edu.tr)