

RECOMMENDED SCIENCE COURSE CURRICULUM FOR THE PRE-MEDICAL STUDENT

Fall 2012 – 2013 Catalog

Dr. Jonathan Day, Advisor

Holt 223 – 898-6303

The following is the recommended curriculum for the Pre-Medical student. Completion of these courses in the specified order will aid your preparation for the Medical College Admissions Test (MCAT). In addition it will assist you in making a strong application to medical school. This curriculum only stipulates the major science courses required by the majority of the medical schools and does not include General Education (G.E.) courses outside of the Biological, Chemical and Physical Sciences. Addition of the non-science G.E. requirements will be at the student's discretion. Careful planning is essential.

Questions regarding class scheduling additional requirements, and recommendations which will assist in acceptance into medical school should be directed to the Pre-Med. Advisor, Dr. Jonathan Day, Holt 223, Ext 6303. For additional information join the CSUC, Pre-Medical Association.

ADDITIONAL NOTES

- 1) Many medical schools require, in addition to the Sciences, one year of English including composition (AP credit is not acceptable), one year of Behavioral Sciences (Anthropology, Psychology, Sociology, etc.) and one year of Mathematics (including Calculus). It is to your advantage to fulfill these requirements by taking the appropriate G.E. courses.
- 2) 78 units are required for the B.S in Biological Sciences

Below is a recommended sequence for the Pre-Medical Studies

<u>FRESHMAN YEAR</u>		<u>JUNIOR YEAR – Take MCAT during Spring</u>	
Fall:	Chem. 111 (4)	Fall:	Biol 360 Genetics (4)
	Biol 151 (4)		Biol 430 Comp Vert Anat (4) (elective)
	Math 120 (or 109) (4)		Chem 451 Biochemistry (3)
	GE Area A1 (3)		GE (Area D) (3)
Spring:	Chem 112 (4)	Spring:	Biol 409 Molecular Biol (4)
	Biol 152 (4)		Biol 416 Vert Phys (3) (elective)
	GE (Area A2) (3)		Biol 492 Seminar (1)
	GE (Area A3) (3)		Math 315 Applied Stats I (3)
			GE (UD Theme) (3)
<u>SOPHOMORE YEAR</u>		<u>SENIOR YEAR</u>	
Fall:	Biol 153 (4)	Fall:	Biol 411 Cell Biol (4)
	Chem 270 (4)		Chem 453L Biochem Lab (3)
	Phys 202A (4)		GE (Area C) (2)
	ENVL 105 (Area E) (3)		GE (UD Theme) (3)
			GE (Area D) (3)
Spring:	Chem 370 (3)	Spring:	Biol 426 Embryology (4) (elective)
	Chem 370L (1)		Biol 460 Histology (4) (elective)
	Biol 350 Ecology (3) (WP)		GE (UD Theme) (3)
	Phys 202B (4)		PolS 155 (3)
	GE (Area C) (3)		Hist 130 (3)