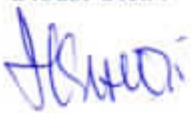


 FPMIPA UPI	SILABUS	No. Dok. : FPMIPA-SE-SL-19 Revisi : 00 Tanggal : 19 Januari 2011 Halaman : 1 dari 2
	Structure and function of Organism SE405 - 4 credits 4th semester IPSE	
Dibuat Oleh :  (Hernawati,MSi.)	Diperiksa Oleh :  (Dr. Diana R.)	Disetujui Oleh :  (Dr. phil. Ari Widodo)

Course	Structure and Function Organism				Code	SE405	
Lecturer Name	Hernawati, SPT. MSi.						
Semester	4	Credit	4	Day of Week	2	Hour	3
Student to attend	IPSE Student			Classrom	22		
Pre-requisites	: General Biology						
Compulsory/Elective/Others	: Compulsory						
Common/Fundamental/Special/Others	: Fundamental						
Course Objectives	Student should be able to comprehend, describe, and analyze the general histology of vertebrate and structure of organ and system organ of vertebrate						
Course Description	The course represent histology of epithel tissue, connective tissue, muscles, and bones. Compative study of vertebrate integument, muscle system, skeletal system, digestive system, circulatory system, respiratory system, excretion system, nervous system, sense organs, endocrine gland, and reproductive system.						
Compulsory texbook	<ul style="list-style-type: none"> - Weichert C.K. dan Presch W. 1984. Element of Chordate Anatomy. New Delhi : Tata McGraw-Hill Publishing Company Limited. - Hildebrand M. 1974. Analysis of Vertebrate Structure. New York : John Wiley & Sons, Inc. - Mariano S.H. di Fiore. Atlas of Human Histology.1985. Philadelphia : Lea & Febiger 						
Reference Books	Hidlebrand : Analysis Comparative of Vertebrate Wilson : Analysis of Vertebrate						
Teaching materials/Teaching Aids	Power Point and LCD Dissecting apparatus Slide Microscope Vertebrate animals Vertebrate skeleton						
Evaluation methode	Mid and End Test : Objective test Practicum test : Essay Test						
Request to student	Home work and Exercise Test prepare						



FPMIPA UPI

SILABUS

**Structure and function of
Organism
SE405 - 4 credits
4th semester IPSE**

No. Dok. : FPMIPA-SE-SL-19

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Tanggal : 19 Januari 2011

Halaman : 2 dari 2

Schedule	
1 st	Introduction, principles of vertebrate development
2 nd	Epithel, connective, and muscle tissue
3 rd	Skeletal and nervous tissue
4 th	Integument and derivatives
5 th	Muscle system and skeletal system
6 th	Digestive system, Excretion system and Endocrine system
7 th	Blood and circulatory system and Respiratory system
8 th	Nervous system and Sense organ
9 th	Reproductive system
10 th	Plant Cell (Parenchym)
11 th	Plant Cell (Collenchym, Sclerenchym)
12 th	Plant Cell (Epidermis)
13 th	Mechanism of Transportation
14 th	Respiratory system in Plant.
15 th	Nitrogen Assimilation
16 th	Plant Hormon