

Coordinator: Emmanuel O. Akala, R.Ph., Ph.D.
Lead Tutors: Mr. Derrick Anderson/Ms. Clara Kim

Lectures and Examinations Schedule

WEEK 1: JULY 1-8, 2016 (ANATOMY/PHYSIOLOGY)

TIME	Friday 7/1/16	TUESDAY 7/5/16	WEDNESDAY 7/6/16	THURSDAY 7/7/16	FRIDAY 7/8/16
9:00 12:00	Pharmacy Biomedical Preview (PBP) Program Overview	Nerve Excitability (Pinchinat)	Anatomy of the Heart (Pinchinat)	Overview of Blood Vessels (Pinchinat)	A&P Week 1 Review (Pinchinat/Bayo/Kim?)
12:00 1:00	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)
1:00 4:00	Anatomy & Physiology: General Cell Biology & Physiology (Kim?)	Organization and Division of the Nervous System & Cranial Nerves: Sensory, Motor, Mixed (Bayo)	Physiology of the Heart (Bayo)	Blood and Lymphatic System (Bayo)	Anatomy/Physiology: Skeletal Muscle Anatomy (Chukwurah)
6:00 7:00		Anatomy/Physiology Quiz 1 (Kim/Pinchinat)		Anatomy/Physiology Quiz 2 (Pinchinat/Bayo)	

WEEK 2: JULY 11-16, 2016 (ANATOMY/PHYSIOLOGY)

TIME	MONDAY 7/11/16	TUESDAY 7/12/16	WEDNESDAY 7/13/16	THURSDAY 7/14/16	FRIDAY 7/15/16
9:00 12:00	A&P Week 1 Final Examination (Bayo/Kim/Pinchinat)	Gastrointestinal System: Basic Anatomy (Chukwurah)	Anatomy of the Kidneys and Bladder (Chukwurah)	Physiology of the Kidney Part II (Hankins)	Anatomy/Physiology Week 2 Review (Ketema/Chukwurah)
12:00 1:00	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)
1:00 4:00	Anatomy & Physiology: Skeletal Muscle Physiology (Ketema)	Gastrointestinal System: Basic Physiology (Ketema)	Physiology of the Kidney (Hankins)	Physiology of the Bladder & the Role of Some Drugs Affecting the Urinary System (Gray)	Anatomy/Physiology Week 2 Review (Hankins/Gray)
6:00 7:00		Anatomy/Physiology Quiz 3 (Ketema/Chukwurah)		Anatomy/Physiology Quiz 4 (Ketema/Chukwurah/ Hankins)	

Lectures and Examinations Schedule Continued

WEEK 3: JULY 18-22, 2016 (MICROBIOLOGY/IMMUNOLOGY)

TIME	MONDAY 7/18/16	TUESDAY 7/19/16	WEDNESDAY 7/20/16	THURSDAY 7/21/16	FRIDAY 7/22/16
9:00 12:00	A&P Week 2 Final Examination (Ketema/Chukwurah/ Hankins/Gray)	Bacterial Cell Wall Morphology; Mechanisms of Pathogenicity (Welch)	Gram Positive Infections (Staph, Strep, Clostridium) (Gray)	Intro to Immunology (Akaeme)	Overview of Antimicrobial Agents (Akaeme)
12:00 1:00	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN))
1:00 4:00	Microbiology: Bacterial Metabolism, Growth and Genetics (Welch)	Gram Negative Infections (Enterococcus, Neisseria, Vibrio) (Gray)	Atypical Infections (Mycoplasma, Mycobacterium, Chlamydia & Fungal Classification) (Gray)	Intro to Immunology (Akaeme)	Microbiology Review (Welch/Gray/Akaeme)
6:00 7:00		Microbiology Quiz 1 (Welch)		Microbiology Quiz 2 (Gray/Akaeme)	

WEEK 4: JULY 25- JULY 29, 2016 (BIOCHEMISTRY)

TIME	MONDAY 7/25/16	TUESDAY 7/26/16	WEDNESDAY 7/27/16	THURSDAY 7/28/16	FRIDAY 7/29/16
9:00 12:00	Microbiology Final Examination (Welch/Gray/Akaeme)	Overview of the Amino Acids (Ketema)	Introduction to Carbohydrates and Glycolysis (Ketema)	Glycogen Metabolism, Electron Transport/Oxidative Phosphorylation (Ketema)	Biochemistry Review (Ezeude/Ketema)
12:00 1:00	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)
1:00 4:00	Biochemistry: Overview of Nucleic Acid Chemistry & The Central Dogma: DNA, RNA, Protein Biosynthesis (Ezeude)	Basic Concepts in Protein Structure (Ezeude)	Gluconeogenesis, TCA Cycle & Pentose Phosphate Pathway (Ezeude)	Introduction to Enzymes, Michaelis-Menten Kinetics (Ezeude)	Pharmaceutical Calculations: The International System of Units (Smalls)
6:00 7:00		Biochemistry Quiz 1 (Ezeude/Ketema)		Biochemistry Quiz 2 (Ezeude/Ketema)	

Lectures and Examinations Schedule Continued

WEEK 5: AUGUST 1-5, 2016 (PHARMACEUTICAL MATHEMATICS)

TIME	MONDAY 8/1/16	TUESDAY 8/2/16	WEDNESDAY 8/3/16	THURSDAY 8/4/16	FRIDAY 8/5/16
9:00 12:00	Biochemistry Final Examination (Ezeude/Ketema)	Density, Specific Gravity, and Specific Volume (Kwevie)	Electrolyte Solutions: Milliequivalents, Millimoles, and Milliosmoles (Kwevie)	The Alligation Method (Smalls)	Calculations Review: Example Problems and their Solutions (Hankins/Kwevie/Smalls)
12:00 1:00	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)	LUNCH (ON YOUR OWN)
1:00 4:00	Pharmaceutical Calculations: Reducing and Enlarging Formulas (Hankins)	Percentage, Ratio, and Other Expressions of Concentration (Hankins)	Rate of Flow of Intravenous Fluids (Smalls)	Calculations Review: Example Problems and their Solutions (Hankins/Kwevie/Smalls)	Pharmaceutical Calculations Final Examination (Smalls/Hankins/Kwevie)
6:00 7:00		Pharmaceutical Calculations Quiz 1 (Smalls/Hankins/Kwevie)		Pharmaceutical Calculations Quiz 2 (Smalls/Hankins/Kwevie)	5:00PM Dinner Reception w/COP Administrators, COE Faculty/Staff & Completion of PBP Survey

PBP Instructors

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