

**POST BACCALAUREATE PROGRAM (2011-12)
SECOND SEMESTER**

Both MS classes will be in session & faculty may be teaching for on main campus

Post Baccalaureate Program Post Baccalaureate Program – Week 1

TIME/DATE	Monday 1/2	Tuesday 1/3	Wednesday 1/4	Thursday 1/5	Friday 1/6
8 am					Medical Terminology II-Chapter 10: Integumentary System #5
				Histology–Epithelium tissues (Prater) 8:30 – 9:30	Research: Fundamental techniques of use of lab animals for IACUC certification (Dr. Moore) 8:30 – 10:00 a.m.
9 am				Research: Fundamental techniques of use of lab animals for IACUC certification (Dr. Moore) 9:30 – 11:00 a.m.	Histology– Connective tissue proper (Prater)
10 am			Histology– Methods in histology (Prater)	Medical Terminology II-Chapter 10: Integumentary System #4	Histology– Cartilage and bone (Prater)
11 am			Histology– Eukaryotic cells and cell signaling (Prater)		
12 noon					
1 pm	Medical Terminology II - Chapter 10: Integumentary System #1	Medical Terminology II-Complete Chapter 10: Integumentary System #2	Medical Terminology II-Complete Chapter 10: Integumentary System #3		Histology Lab I (Prater)
2 pm					
3 pm					
4 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 2

TIME/DATE	Monday 1/09	Tuesday 1/10	Wednesday 1/11	Thursday 1/12	Friday 1/13
8 am	Medical Terminology II-Chapter 10 EXAM		Research: Fundamentals of designing a biomedical research project Part I (Dr. Mahaney) 8:00 – 9:30 a.m.		Research: Fundamentals of designing a biomedical research project part II (Dr. Mahaney) 8:00 – 9:30 a.m.
9 am	Medical Terminology II-Chapter 10: EXAM			Microbiology – Lab/Demo 1. Intro to Microbiology Lab (Dr. Elswaifi)	
10 am	Microbiology - Intro to course and bacteriology (Dr. Elswaifi)		Microbiology - Bacterial Classification (Dr. Elswaifi)	Histology – Nervous tissue and the nervous system (Prater)	Histology– Skin (Prater)
11 am	Histology – Blood (Prater)	Histology – Leukocytes (Prater)	Histology –Muscle tissues (Prater)		Histology– Lymphatic and immune systems (Prater)
12 noon					
1 pm					
2 pm					
3 pm					
4 pm					
5 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 3

TIME/DATE	Monday 1/16	Tuesday 1/17	Wednesday 1/18	Thursday 1/19	Friday 1/20
8 am		Histology EXAM 1 Lectures 1-13		Research: Designing a Scientific Research Plan Literature Review (Dr. Sukpraput) 8:00 – 9:00 a.m.	
9 am	Microbiology - Bacterial Structure I (Dr. Elswaifi)	Microbiology Lab/Demo 2. Bacterial Isolation I (Dr. Elswaifi)	Research: Fundamentals of designing a clinical research project part I (Dr. Brolinson) 9:00 – 10:00 a.m.	Research: Types of Research Studies (Dr. Sukpraput) 9:00 – 10:00 a.m.	Histology– Respiratory system (Prater)
10 am	Histology Lab II (Prater)		Research: Fundamentals of designing a clinical research project part I (Dr. Brolinson) 11:00 – 11:00 a.m.		Histology – Gastrointestinal system (Prater)
11 am			Histology– Cardiovascular system (Prater)		Histology – Liver, exocrine pancreas, and gall bladder (Prater)
12 noon					
1 pm	Medical Terminology II Chapter 7 Nervous System - # 1	Medical Terminology II Chapter 7 Nervous System - # 1	Medical Terminology II Chapter 7: Nervous System # 2	Medical Terminology II Chapter 7-1: Nervous System - #2	
2 pm					
3 pm					
4 pm					
5 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 4

TIME/DATE	Monday 1/23	Tuesday 1/24	Wednesday 1/25	Thursday 1/26	Friday 1/27
8 am	Histology Lab III (Prater)			MCAT	MCAT
9 am		Microbiology. Bacterial structure 2 (Dr. Elswaifi)	Immunology – Intro to the Immune System (Prater)		
10 am			Immunology – Organs of the Immune System (Prater)		
11 am			Research: Fundamentals of designing a clinical research project part II (Dr. Brolinson) 11:00 – 12:00 p.m.		
12 noon					
1 pm	Medical Terminology II Chapter 7: Nervous System #3	Medical Terminology II Chapter 7: Nervous System - #3	OMM Demonstration by Dr. Harden (1:30 p.m.)	Medical Terminology II Chapter: Nervous System - #4	Medical Terminology II Chapter: Nervous System - #4 & 5
2 pm					
3 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 5

TIME/DATE	Monday 1/30	Tuesday 1/31	Wednesday 2/1	Thursday 2/2	Friday 2/3
8 am	Research: Fundamentals of designing a preventive medicine proposal (Dr. Meacham) 8:30 – 10:00 a.m.	Medical Terminology II –Chapter 7 EXAM	Research: Fundamentals of designing a public health research proposal (Dr. Meacham) 8:30 – 10:00 a.m.	Microbiology – Bacterial Physiology 2 (Dr. Elswaifi)	Appalachian Outreach
9 am		Medical Terminology II –Chapter 7 EXAM			
10 am	Microbiology Bacterial Physiology 1 (Dr. Elswaifi)	Histology– Urinary system (Prater)	Microbiology- Lab/Demo 3. Bacterial Isolation 2 (Dr. Elswaifi)	Histology– Female reproductive system (Prater)	
11 am	Immunology – Cells of the immune system (Prater)	Immunology – Lymphatics (Prater)	Histology– Endocrine system (Prater)	Histology– Male reproductive system (Prater)	
12 noon					
1 pm		Medical Terminology II – Chapter 6 -#1-	Medical Terminology II – Chapter 6 - #2		Medical Terminology II – Chapter 6-#3
2 pm					
3 pm					
4 pm					
5 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 6

TIME/DATE	Monday 2/6	Tuesday 2/7	Wednesday 2/8	Thursday 2/9	Friday 2/10
8 am	Microbiology Exam 1		Research: Basic methods and requirements for using of human subjects for research (Dr. Misra) 8:00 – 9:30 a.m.		Research: Basic Methods and Requirements for using of human subjects for Internal Review board (IRB) certification (Dr. Misra) 8:00 – 9:30 a.m.
9 am	Microbiology Exam 1				
10 am	Histology– Ear, nose and tongue (Prater)		Histology– Pathologic changes in histology (Prater)		Histology Lab (Prater)
11 am	Immunology – Acute and Chronic Inflammation (Prater)	Immunology – Cytokines (Prater)		Immunology – Wound healing (Prater)	Histology Lab (Prater)
12 noon					
1 pm		Medical Terminology II Chapter 6 - #4		Medical Terminology II – Chapter 6 - #5	
2 pm					
3 pm					
4 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 7

TIME/DATE	Monday 2/13	Tuesday 2/14	Wednesday 2/15	Thursday 2/16	Friday 2/17
8 am	Research: Measurement of the study and experiment (Dr. Sukpraprut) 8:00 – 9:00 a.m.	Medical Terminology II – Chapter 6 EXAM	Research: Power analysis (Dr. Sukpraprut) 8:00 – 9:00 a.m.	Research: Parametric and non-parametric data analysis (Dr. Sukpraprut) 8:00 – 9:00 a.m.	HISTO EXAM 1 Lectures 14-25
9 am	Microbiology. Bacterial identification (Elswaifi)	Medical Terminology II – Chapter 6 EXAM	Immunology – General structure of antigen receptors (Prater)	Immunology – Phagocytosis (Prater)	
10 am	Microbiology Lab/Demo 4. Bacterial Identification 1 (Dr. Elswaifi)	Immunology – Receptors of the innate immune system (Prater)	Microbiology – Bacterial Flora (Dr. Elswaifi)		Microbiology – Bacterial Pathogenesis 1 (Dr. Elswaifi)
11 am		Embryology - Gametogenesis and Fertilization (Hill)			Embryology –Week 1 and 2 of Development (Hill)
12 noon					
1 pm		Medical Terminology II Chapter 8 : Circulatory System #1		Medical Terminology II Chapter 8 : Circulatory System - #2	Medical Terminology II Chapter 8: Circulatory System #3
2 pm					
3 pm					
4 pm					
5 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 8

TIME/DATE	Monday 2/20	Tuesday 2/21	Wednesday 2/22	Thursday 2/23	Friday 2/24
8 am	Introduction to Research: Correlation (Dr. Sukpraprut) 8:00 – 9:00 a.m.	IMMUNO EXAM 2 Lectures 1-10	Research: Normal distribution and t-distribution and confidence interval (Dr. Sukpraprut) 8:00 – 9:00 a.m.	Introduction to Research: Two sample t-test (Dr. Sukpraprut) 8:00 – 9:00 a.m.	Introduction to Research: Paired sample t-test (Dr. Sukpraprut) 8:00 – 9:00 a.m.
9 am	Embryology – Week 3 of Development (Hill)		Embryology – Organogenesis: Weeks 4 - 8 (Hill)	Immunology – Lymphocyte Development (Prater)	Embryology- Placenta and Fetal Membranes (Hill)
10 am	Microbiology. Bacterial pathogenesis 2 (Dr. Elswaifi)	Immunology – Antigen presentation (Prater)	Microbiology. Antimicrobials 1 (Dr. Elswaifi)	Immunology – T cells – helper, effector, and T cell polarization (Prater)	Microbiology. Antimicrobials 2 (Dr. Elswaifi)
11 am	Immunology – Complement (Prater)	Immunology – MHC class II (Prater)			
12 noon					
1 pm		Medical Terminology II Chapter 8: Circulatory System - #4		Medical Terminology II Chapter 8: Circulatory System - #5	
2 pm					
3 pm					
4 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 9

TIME/DATE	Monday 2/27	Tuesday 2/28	Wednesday 2/29	Thursday 3/01	Friday 3/02
8 am	Microbiology Exam 2	Medical Terminology II Chapter 8: EXAM	Research: One-way Analysis of Variances, Multiple comparison (Dr. Sukpraput) 8:00 – 9:30 a.m.	Research: Repeated Measure ANOVA (Dr. Sukpraput) 8:00 – 9:00 a.m.	
9 am			Embryology – Teratogens and Birth Defects (Hill)	Immunology – Lymphocyte mediated cytolysis (Prater)	Microbiology - Gram positive bacteria 2 (Dr. Elswaifi).
10 am		Immunology – Humoral immunity/regulation of B cells (Prater)	Embryology – Digestive System I (Hill)		Embryology – Digestive System II (Hill)
11 am		Immunology - immunoglobulins (Prater)	Microbiology - Gram positive bacteria 1 (Dr. Elswaifi).		
12 noon					
1 pm			Medical Terminology II Complete Chapter 9 - #1	Medical Terminology II Complete Chapter 9 - #2	
2 pm					
3 pm					
4 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 10

TIME/DATE	Monday 3/5	Tuesday 3/6	Wednesday 3/7	Thursday 3/8	Friday 3/9
8 am	Embryo Exam 1 Lectures 1-8		Research: Measurement of an association Part I (Dr. Sukpraput) 8:00 – 9:00 a.m.	Research: Measurement of an association Part II (Dr. Sukpraput) 8:00 – 9:00 a.m.	Medical Terminology II Chapter 9 EXAM
9 am	Embryo Exam 1		Embryology – Pharyngeal Apparatus (Hill)	Research: Measurement of an association Part III (Dr. Sukpraput)	Appalachian Outreach
10 am	Microbiology - Gram negative bacteria 1 (Dr. Elswaifi)	Immunology – Mucosal immunity (Prater)	Microbiology - Gram negative bacteria 2 (Dr. Elswaifi)	Immunology – Defense against microbes (Prater)	
11 am	Embryology – Respiratory System (Hill)	Immunology – Tolerance, immunoregulation (Prater)	Microbiology. Bacteriology Project A (Dr. Elswaifi)	Immunology – Immune assays (Prater)	
12 noon					
1 pm		Medical Terminology II Chapter 9 -#3			
2 pm					
3 pm					
4 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 11

TIME/DATE	Monday 3/12	Tuesday 3/13	Wednesday 3/14	Thursday 3/15	Friday 3/16
8 am			Research: Confounder issue (Dr. Sukpraprut) 8:00 – 9:00 a.m.	Research: Interaction issue (Dr. Sukpraprut) 8:00 – 9:00 a.m.	Immuno- EXAM 2 Lectures 11-26
9 am	Microbiology lab/demo 5. Bacterial identification 2 (Wet laboratory) (Dr. Elswaifi)	Embryology – Musculoskeletal System (Hill)	Embryology – Nervous System (Hill)		Immuno- EXAM 2 Lectures 11-26
10 am	Microbiology lab/demo 5. Bacterial identification 2 (Wet laboratory) (Dr. Elswaifi)	Immunology – Type I hypersensitivity (Prater)	Microbiology - Intro to mycology (Dr. Seyler)	Immunology - Type IV hypersensitivity (Prater)	Microbiology – Med. imp. fungi (Dr. Seyler)
11 am		Immunology – Types II, III hypersensitivity (Prater)		Immunology - Autoimmunity (Prater)	Embryology – Urogenital System (Hill)
12 noon					
1 pm	Medical Terminology II Chapter 11- #1	Medical Terminology II Chapter 11 - #2		Medical Terminology II Chapter 11 - #3	Medical Terminology II Chapter 11 - #4
2 pm	Microbiology. Deadline for taking Project A Exam				
3 pm					
4 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 12

TIME/DATE	Monday 3/19	Tuesday 3/20	Wednesday 3/21	Thursday 3/22	Friday 3/23
8 am	Medical Terminology II Chapter 11 EXAM	Research: Final Project Discussion Part I (Dr. Sukpraprut) 8:00 – 9:00 a.m.		Research: Final Project Discussion Part II (Dr. Sukpraprut) 8:00 – 9:00 a.m.	Exam 2 - Embryology Lectures 9-16
9 am	Medical Terminology II Chapter 11 EXAM	Immunology – Lupus, Systemic Sclerosis, Sjogrens (Prater)	Immunology – SDL Upper Respiratory disease (Prater)	Immunology – Vaccination and Immune Therapy (Prater)	Exam 2 - Embryology
10 am	Embryology – Cardiovascular System I (Hill)	Immunology – Intrinsic and Extrinsic factors that influence the immune response (Prater)	Immunology – SDL Chrohns disease (Prater)	Immunology - Primary immunodeficiency diseases (Prater)	
11 am	Embryology – Cardiovascular System II (Hill)		Immunology – SDL Rheumatoid Arthritis (Prater)	Immunology - Acquired immunodeficiency diseases – HIV/AIDS (Prater)	
12 noon					
1 pm					
2 pm					
3 pm					
4 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 13

TIME/DATE	Monday 3/26	Tuesday 3/27	Wednesday 3/28	Thursday 3/29	Friday 3/30
8 am	MEDICAL MISSIONS WEEK	MEDICAL MISSIONS WEEK	MEDICAL MISSIONS WEEK	MEDICAL MISSIONS WEEK	MEDICAL MISSIONS WEEK
9 am					
10 am					
11 am					
12 noon					
1 pm					
2 pm					
3 pm					
4 pm					

APPALACHIAN STUDENTS WILL RECEIVE INDIVIDUAL SCHEDULES.

Post Baccalaureate Program Post Baccalaureate Program – Week 14

TIME/DATE	Monday 4/2	Tuesday 4/3	Wednesday 4/4	Thursday 4/5	Friday 4/6
8 am	Microbiology Exam 3				RESEARCH DAY
9 am	Microbiology Exam 3	Microbiology. Viral structure/classification (Dr. Elswaifi)	Microbiology. Viral replication/transmission 1 (Dr. Elswaifi)	Microbiology. Viral replication/transmission 2 (Dr. Elswaifi)	
10 am	Immunology – SDL HIV/AIDS (Prater)	Immunology – Tumor Immunity (Prater)	Immunology – Transfusions (Prater)	Immunology – Transplantation (Prater)	
11 am	Immunology – HIV SDL (Prater)			Immunology – Neoplasia of the lymphoid system (Prater)	
12 noon					
1 pm	Medical Terminology II Chapter 12 - #1		Medical Terminology II Chapter 12 - #2	Medical Terminology II Chapter 12 - #3	
2 pm					
3 pm					
4 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 15

TIME/DATE	Monday 4/9	Tuesday 4/10	Wednesday 4/11	Thursday 4/12	Friday 4/13
8 am	Medical Terminology II Chapter 12 EXAM			Research: Student presentations of the final projects (Dr. Sukpraprut)	Appalachian Outreach
9 am	Medical Terminology II Chapter 12 EXAM			Research: Student presentations of the final projects (Dr. Sukpraprut)	
10 am	Microbiology. Med. imp. viruses (Dr. Elswaifi)	Microbiology - Intro to parasitology (Dr. Elswaifi)		Research: Student presentations of the final projects (Dr. Sukpraprut)	
11 am	Microbiology lab/demo 6. Virology demos (Dr. Elswaifi)	Microbiology - Protozoa (Dr. Palmieri)		Research: Student presentations of the final projects (Dr. Sukpraprut)	
12 noon					
1 pm					
2 pm					
3 pm					
4 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 16

TIME/DATE	Monday 4/16	Tuesday 4/17	Wednesday 4/18	Thursday 4/19	Friday 4/20
8 am	Immunology FINAL Lectures 27-39 (Prater)	Research: Student presentations of the final projects (Dr. Sukpraput)		Research: Student presentations of the final projects (Dr. Sukpraput)	
9 am	Immunology FINAL Lectures 27-39 (Prater)	Research: Student presentations of the final projects (Dr. Sukpraput)		Research: Student presentations of the final projects (Dr. Sukpraput)	
10 am		Research: Student presentations of the final projects (Dr. Sukpraput)	Microbiology - Parasitology Project B (Elswaifi)	Research: Student presentations of the final projects (Dr. Sukpraput)	
11 am		Research: Student presentations of the final projects (Dr. Sukpraput)	Microbiology - Parasitology Helminth 2/Ectoparasites (Dr. Elswaifi)	Research: Student presentations of the final projects (Dr. Sukpraput)	
12 noon					
1 pm	Medical Terminology II Chapter 13 - #1			Medical Terminology II Chapter 13 - #2	
2 pm					
3 pm					
4 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 17

TIME/DATE	Monday 4/23	Tuesday 4/24	Wednesday 4/25	Thursday 4/26	Friday 4/27
8 am	Medical Terminology II Chapter 13 EXAM				
9 am	Medical Terminology II Chapter 13 EXAM				
10 am	Microbiology lab/demo 7. Parasite demos (wet laboratory) (Dr. Elswaifi)				
11 am					
12 noon					
1 pm		Medical Terminology II Chapter 14 - #1		Medical Terminology II Chapter 14 - #2	
2 pm					
3 pm					
4 pm					

Post Baccalaureate Program Post Baccalaureate Program – Week 18

TIME/DATE	Monday 4/30	Tuesday 5/1	Wednesday 5/2	Thursday 5/3	Friday 5/4
8 am		Microbiology Deadline for taking Project B Exam	Medical Terminology II Chapter 14 EXAM	Microbiology FINAL	
9 am				Microbiology FINAL	
10 am				Microbiology Lab FINAL	
11 am					
12 noon					
1 pm					
2 pm					
3 pm					
4 pm					