

**3-MONTH USMLE STEP 1 SAMPLE SCHEDULE**

Thanks for downloading our sample schedule! We don't suggest this is the ultimate schedule, but we offer it a starting point for your plan. Remember, everyone learns differently, and you will need to adjust your plan for your weak areas, if you fall behind, need catch-up days, etc.

Ultimately, we recommend using a personalized, flexible, and easily managed daily study plan like what Cram Fighter offers, to ensure you cover all the Step 1 exam material you need to. Access a 7-day FREE trial of the Cram Fighter study schedule planner at [www.cramfighter.com](http://www.cramfighter.com). Good luck!

Day	Event	Subjects	Boards and Beyond tasks	First Aid (2021) tasks	Pages	Lecture length	UWorld questions	Book Study Hours	Lecture Study Hours	QBank Study Hours
1	Study block #1 begins	Nervous System	Intro to Neuro: Cells of the Nervous System, Intro to Neuro: Nerve Damage, Intro to Neuro: Blood Brain Barrier, Intro to Neuro: Neurotransmitters, Intro to Neuro: Dermatoses and Reflexes, Nervous System Structures: Cerebral Cortex, Nervous System Structures: Spinal Cord, Nervous System Structures: Spinal Cord Syndromes, Nervous System Structures: Brainstem, Nervous System Structures: Cranial Nerves (Part 1 of 2)	Embryology pp. 504-506; Anatomy & Physiology (Part 1 of 2) pp. 507-516		13 2 hours	40	5	2	2
2		Nervous System	Nervous System Structures: Cranial Nerves (Part 2 of 2), Nervous System Structures: Auditory System, Nervous System Structures: Vestibular System, Nervous System Structures: Thalamus, Hypothalamus, Limbic System, Nervous System Structures: Cerebellum, Nervous System Structures: Basal Ganglia, Nervous System Structures: Ventricles and Sinuses, Neurovascular Disorders: Cerebral and Lacunar Strokes, Neurovascular Disorders: Vertebrobasilar Stroke Syndromes, Neurovascular Disorders: CNS Aneurysms, Neurovascular Disorders: Intracranial Bleeding (Part 1 of 2)	Anatomy & Physiology (Part 2 of 2) pp. 517-527; Pathology (Part 1 of 3) pp. 527-529		13 2 hours	40	5	2	2
3		Nervous System; Endocrine System	Neurovascular Disorders: Intracranial Bleeding (Part 2 of 2), Neurovascular Disorders: Management of TIA/Stroke, Autonomic Nervous System: Autonomic Nervous System, Autonomic Nervous System: ANS: Drugs: Norepinephrine, Autonomic Nervous System: ANS Drugs: Acetylcholine, Autonomic Nervous System: Autonomic Receptors, The Eye: The Pupil	Pathology (Part 2 of 3) pp. 530-542		13 2 hours	40	5	2	2
4		Nervous System; Endocrine System	The Eye: The Lens, The Eye: The Retina, The Eye: Eye Movements, The Eye: Visual Fields, The Eye: Gaze Palsies, The Eye: Structural Eye Disorders, The Eye: Glaucoma, Anesthesia: General Anesthesia, Anesthesia: Local Anesthesia, Anesthesia: Neuromuscular Blockers, Other Neuro Topics: Meningitis	Pathology (Part 3 of 3) pp. 543-550; Otolaryngology pp. 551-552; Ophthalmology (Part 1 of 2) pp. 553-555		13 2 hours	40	5	2	2
5		Nervous System; Endocrine System; Cardiovascular System	Other Neuro Topics: Seizures, Other Neuro Topics: Neuroembryology, Other Neuro Topics: Delirium and Dementia, Other Neuro Topics: Demyelinating Diseases, Other Neuro Topics: Headaches, Other Neuro Topics: Brain Tumors, Other Neuro Topics: Parkinson's, Huntington's, and Movement Disorders, Other: HIV CNS Infections, Thyroid: Thyroid Gland (Part 1 of 2)	Ophthalmology (Part 2 of 2) pp. 556-563; Pharmacology (Part 1 of 2) pp. 564-567		12 2 hours	40	5	2	2
6	Catch-up Day						40	5	2	2
7		Nervous System; Endocrine System; Cardiovascular System	Thyroid: Thyroid Gland (Part 2 of 2), Thyroid: Thyroid Disorders, Thyroid: Thyroid Cancer, Adrenals: Adrenal Glands, Adrenals: Congenital Adrenal Hyperplasia, Adrenals: Adrenal Disorders, Pancreas: Endocrine Pancreas (Part 1 of 2)	Pharmacology (Part 2 of 2) pp. 568-573; Embryology pp. 334-334; Anatomy pp. 335-335; Physiology (Part 1 of 2) pp. 336-340		13 2 hours	40	5	2	2
8		Endocrine System; Cardiovascular System	Pancreas: Endocrine Pancreas (Part 2 of 2), Pancreas: Diabetes, Pancreas: Insulin, Pancreas: Treatment of Diabetes, Reproductive: Reproductive Hormones, Reproductive: Male Reproductive Hormones, Reproductive: Female Reproductive Hormones, Reproductive: Menstrual Cycle (Part 1 of 2)	Physiology (Part 2 of 2) pp. 341-345; Pathology (Part 1 of 2) pp. 346-353		13 2 hours	40	5	2	2
9		Endocrine System; Cardiovascular System	Reproductive: Menstrual Cycle (Part 2 of 2), Other: Pituitary Gland, Other: Parathyroid Glands, Other: MEN Syndromes, Other: Signaling Pathways, Introduction to Cardiac Medicine: Cardiac Anatomy, Introduction to Cardiac Medicine: Cardiac Physiology, Introduction to Cardiac Medicine: CV Response to Exercise, Introduction to Cardiac Medicine: Blood Flow Mechanics (Part 1 of 2)	Pathology (Part 2 of 2) pp. 354-361; Pharmacology pp. 362-365		12 2 hours	40	5	2	2
10		Cardiovascular System; Musculoskeletal System	Introduction to Cardiac Medicine: Blood Flow Mechanics (Part 2 of 2), Introduction to Cardiac Medicine: Regulation of Blood Pressure, Introduction to Cardiac Medicine: LV Lopps, Introduction to Cardiac Medicine: Wiggers' Diagram, Introduction to Cardiac Medicine: Venous Pressure Tracings, Introduction to Cardiac Medicine: Starling Curve, Cardiac Ischemia: Atherosclerosis, Cardiac Ischemia: Cardiac Ischemia	Embryology pp. 288-291; Anatomy pp. 292-292; Physiology (Part 1 of 2) pp. 293-300		13 2 hours	40	5	2	2

11	Cardiovascular System; Musculoskeletal System	Cardiac Ischemia: STEMI, Cardiac Ischemia: Unstable Angina/NSTEMI, Cardiac Ischemia: Stable Angina, EKGs: EKG Basics, EKGs: High Yield EKGs, Arrhythmias: Cardiac Action Potentials, Arrhythmias: AV and Bundle Branch Blocks, Atrial Fibrillation and Flutter	Physiology (Part 2 of 2) pp. 301-305; Pathology (Part 1 of 2) pp. 306-313	13 2 hours	40	5	2	2
12	Cardiovascular System; Musculoskeletal System; Respiratory System	Arrhythmias: AVNRT, Arrhythmias: WPW, Arrhythmias: Antiarrhythmic Drugs, Cardiac Auscultation: Heart Murmurs, Cardiac Auscultation: Heart Sounds, Cardiac Auscultation: Heart Failure Basics, Cardiac Auscultation: Systolic and Diastolic Heart Failure	Pathology (Part 2 of 2) pp. 314-323; Pharmacology (Part 1 of 2) pp. 324-326	13 2 hours	40	5	2	2
13	Cardiovascular System; Musculoskeletal System; Respiratory System	Heart Failure: Restrictive Cardiomyopathy, Heart Failure: Acute Heart Failure, Heart Failure: Chronic Heart Failure, The Developing Heart: Cardioac Embryology, The Developing Heart: Shunts, The Developing Heart: Cyanotic Congenital Heart Disease, The Developing Heart: Coarctation of the Aorta, Hypertension: Hypertension	Pharmacology (Part 2 of 2) pp. 327-332; Anatomy & Physiology (Part 1 of 2) pp. 456-462	13 2 hours	40	5	2	2
14	Musculoskeletal System; Respiratory System	Hypertension: Secondary Hypertension, Hypertension: Hypertension Drugs, Other Cardiovascular Topics: Valve Disease, Other Cardiovascular Topics: Shock, Other Cardiovascular Topics: Pericardial Disease, Other Cardiovascular Topics: Aortic Dissection, Other Cardiovascular Topics: Cardiac Tumors	Anatomy & Physiology (Part 2 of 2) pp. 463-468; Pathology (Part 1 of 2) pp. 469-474	12 2 hours	40	5	2	2
15	Musculoskeletal System; Respiratory System	Other Cardiovascular Topics: Hypertrophic Cardiomyopathy, Other Cardiovascular Topics: Endocarditis, Anatomy and Orthopedics: Knee, Anatomy and Orthopedics: Shoulder and Elbow, Anatomy and Orthopedics: Brachial Plexus, Anatomy and Orthopedics: Wrist, Anatomy and Orthopedics: Hand, Anatomy and Orthopedics: Lumbosacral Plexus, Anatomy and Orthopedics: Lumbar Radiculopathy	Pathology (Part 2 of 2) pp. 475-486	12 2 hours	40	5	2	2
16	Musculoskeletal System; Skin	Anatomy and Orthopedics: Hip, Cell Biology: Skeletal Muscle, Cell Biology: Cardiac Muscle, Cell Biology: Smooth Muscle, Cell Biology: Bone, Pathology: Bone Disorders, Pathology: Osteoporosis, Pathology: Osteoporosis Drugs, Pathology: Bone Tumors	Dermatology pp. 487-498; Pharmacology (Part 1 of 2) pp. 499-500	14 2 hours	40	5	2	2
17	Musculoskeletal System; Miscellaneous; Skin; Renal & Urinary System	Pathology: Osteoarthritis, Pathology: Gout, Pathology: Gout Drugs, Pathology: CPPD, Pathology: Seronegative Spondyloarthritis, Pathology: Muscle Disorders, Neuromuscular Disorders, Biostatistics: Basic Statistics, Biostatistics: Hypothesis Testing, Biostatistics: Tests of Significance	Pharmacology (Part 2 of 2) pp. 501-502; Public Health Sciences (Part 1 of 2) pp. 259-268	12 2 hours	40	5	2	2
18	Miscellaneous; Renal & Urinary System	Biostatistics: Correlations, Epidemiology: Study Designs, Epidemiology: Risk Quantification, Epidemiology: Sensitivity and Specificity, Epidemiology: Positive and Negative Predictive Value, Epidemiology: Diagnostic Tests, Epidemiology: Bias, Epidemiology: Clinical Trials, Epidemiology: Evidence-Based Medicine	Public Health Sciences (Part 2 of 2) pp. 269-281	13 2 hours	40	5	2	2
19	Miscellaneous; Respiratory System ;Renal & Urinary System; Hematology & Oncology	Intro to Pulmonary Medicine: Pulmonary Embryology, Intro to Pulmonary Medicine: Pulmonary Anatomy, Intro to Pulmonary Medicine: Pulmonary Physiology, Intro to Pulmonary Medicine: Hemoglobin, Intro to Pulmonary Medicine: Pulmonary Circulation, Intro to Pulmonary Medicine: Hypoxia, Intro to Pulmonary Medicine: Ventilation and Perfusion, Intro to Pulmonary Medicine: Carbon Dioxide (Part 1 of 2)	Approaching the Organ Systems pp. 284-285; Respiratory (Part 1 of 3) pp. 683-693	13 2 hours	40	5	2	2
20	Catch-up day							
21	Respiratory System; Hematology & Oncology	Intro to Pulmonary Medicine: Carbon Dioxide (Part 2 of 2), Intro to Pulmonary Medicine: Pulmonary Physical Exam, Obstructive & Restrictive Diseases: Pulmonary Function Tests, Obstructive & Restrictive Diseases: Obstructive Lung Disease, Obstructive & Restrictive Diseases: Restrictive Lung Disease, Obstructive & Restrictive Diseases: Treatment of COPD and Asthma, Other Pulmonary Topics: Pneumonia, Other Pulmonary Topics: Pleural Disease	Respiratory (Part 2 of 3) pp. 694-706	13 2 hours	40	5	2	2
22	Respiratory System; Renal & Urinary System; Hematology & Oncology	Other Pulmonary Topics: Lung Cancer, Other Pulmonary Topics: Sleep Apnea, Other Pulmonary Topics: Cystic Fibrosis, Other Pulmonary Topics: Tuberculosis, Other Pulmonary Topics: Sarcoidosis, Other Pulmonary Topics: Pulmonary Embolism, Other Pulmonary Topics: Chest X-rays, Skin, Epithelial Cells, Skin Disorders I	Respiratory (Part 3 of 3) pp. 707-712; Embryology pp. 602-603; Anatomy pp. 604-604; Physiology (Part 1 of 2) pp. 605-607	12 2 hours	40	5	2	2

23	Renal & Urinary System; Hematology & Oncology	Skin Disorders II, Pigment Disorders, Vascular Lesions, Skin Infections, Blistering Disorders, Hypersensitivity Disorders, Neurocutaneous Disorders, Skin Cancer, Intro to Renal Medicine: Renal Embryology, Intro to Renal Medicine: Renal Anatomy, Intro to Renal Medicine: Renal Physiology I	Physiology (Part 2 of 2); Pathology (Part 1 of 2) pp. 618-620	13 2 hours	40	5	2	2
24	Renal & Urinary System; Hematology & Oncology	Intro to Renal Medicine: Renal Physiology II, Intro to Renal Medicine: Nephron Physiology, Intro to Renal Medicine: Renal Endocrine Function, Acid-Base: Acid Excretion, Acid-Base: Acid-Base Principles, Acid-Base: Respiratory Disorders, Acid-Base: Metabolic Alkalosis	Pathology (Part 2 of 2) pp. 621-629; Pharmacology pp. 630-633	13 2 hours	40	5	2	2
25	Hematology & Oncology	Acid-Base: Renal Tubular Acidosis, Acid-Base: Metabolic Acidosis, Acid-Base: Acid Base Problems, Electrolytes: Electrolyte Disorders, Electrolytes: Sodium and Water Balance, Electrolytes: Sodium Disorders	Embryology pp. 414-415; Anatomy pp. 416-419; Physiology pp. 420-423; Pathology (Part 1 of 3) pp. 424-426	13 2 hours	40	5	2	2
26	Hematology & Oncology	Diseases of the Nephron: Glomerulonephritis Principles, Diseases of the Nephron: Nephritic Syndrome, Diseases of the Nephron: Nephrotic Syndrome, Diseases of the Nephron: MPGN, Diseases of the Nephron: Tubulointestinal Disease, Diseases of the Nephron: Renal Failure, Other Renal Topics: Urinary Tract Infection, Other Renal Topics: Cystic Kidney Disease, Other Renal Topics: Diuretics	Pathology (Part 2 of 3) pp. 427-438	12 2 hours	40	5	2	2
27	Hematology & Oncology	Other Renal Topics: Kidney Stones, Other Renal Topics: Renal and Bladder Tumors, Other Renal Topics: Rhabdomyolysis, Hemostasis: Coagulation, Hemostasis: Platelet Activation, Hemostasis: Hypercoagulable States, Hemostasis: Coagulopathies, Hemostasis: Platelet Disorders, Hemostasis: Antiplatelet Drugs	Pathology (Part 3 of 3) pp. 439-444; Pharmacology (Part 1 of 2) pp. 445-451	13 2 hours	40	5	2	2
28	Hematology & Oncology; Gastrointestinal System	Hemostasis: Anticoagulants, Red Blood Cells: Hemolysis Basics, Red Blood Cells: Extrinsic Hemolysis, Red Blood Cells: Intrinsic Hemolysis, Red Blood Cells: Microcytic Anemias, Red Blood Cells: Thalassemias	Pharmacology (Part 2 of 2); Embryology pp. 368-369; Anatomy (Part 1 of 2) pp. 370-377	13 2 hours	40	5	2	2
29	Hematology & Oncology; Gastrointestinal System	Red Blood Cells: Sickle Cell Anemia, Red Blood Cells: Other Anemias, Red Blood Cells: Blood Groups, White Blood Cells: Acute Leukemia, White Blood Cells: Chronic Leukemia, White Blood Cells: Hodgkin Leukemia, White Blood Cells: Non-Hodgkin Lymphoma, White Blood Cells: Plasma Cell Disorders, White Blood Cells: Amyloidosis	Anatomy (Part 2 of 2) pp. 378-380; Physiology pp. 381-385; Pathology (Part 1 of 3) pp. 386-389	12 2 hours	40	5	2	2
30	Hematology & Oncology; Gastrointestinal System	White Blood Cells: Myeloproliferative Disorders, Cancer Drugs: Antimetabolites, Cancer Drugs: Alkylating Agents, Cancer Drugs: Antitumor Antibiotics, Cancer Drugs: Microtubule Inhibitors, Cancer Drugs: DNA Drugs, Cancer Drugs: Other Cancer Drugs, Other: Porphyrias, Anatomy: Gastrointestinal Embryology, Anatomy: Gastrointestinal Anatomy	Pathology (Part 2 of 3) pp. 390-402	13 2 hours	40	5	2	2
31	Gastrointestinal System; Reproductive System	Anatomy: Gastrointestinal Blood Supply, Anatomy: Gastrointestinal Tract, Anatomy: Liver, Gallbladder, and Pancreas, Anatomy: Salivary Glands, Anatomy: Hernias, GI Physiology: Bile, GI Physiology: Bilirubin, GI Physiology: Gastrointestinal Secretions	Pathology (Part 3 of 3) pp. 403-407; Pharmacology pp. 408-411; Embryology (Part 1 of 2) pp. 636-639	13 2 hours	40	5	2	2
32	Gastrointestinal System; Reproductive System	GI Physiology: Gastrointestinal Hormones, GI Physiology: Exocrine Pancreas, Clinical Gastroenterology: Esophageal Disorders, Clinical Gastroenterology: Liver Disease, Clinical Gastroenterology: Cirrhosis, Clinical Gastroenterology: Liver Tumors, Clinical Gastroenterology: Wilson's Disease and Hemochromatosis, Clinical Gastroenterology: Gallstones (Part 1 of 2)	Embryology (Part 2 of 2) pp. 640-647; Anatomy pp. 648-652	13 2 hours	40	5	2	2
33	Gastrointestinal System; Reproductive System	Clinical Gastroenterology: Gallstones (Part 2 of 2), Clinical Gastroenterology: Biliary Disorders, Clinical Gastroenterology: Gastric Disorders, Clinical Gastroenterology: Malabsorption, Clinical Gastroenterology: Acute Pancreatitis, Clinical Gastroenterology: Chronic Pancreatitis & Pancreatic Cancer, Clinical Gastroenterology: Intestinal Disorders	Physiology pp. 653-660; Pathology (Part 1 of 3) pp. 661-664	12 2 hours	40	5	2	2
34	Catch-up day							

35	Gastrointestinal System; Reproductive System	Clinical Gastroenterology: Inflammatory Bowel Disease, Clinical Gastroenterology: Colon Cancer, Clinical Gastroenterology: Carcinoid Tumors, Clinical Gastroenterology: Gastrointestinal Pharmacology, Embryology: Embryonic Genes, Embryology: Embryogenesis, Embryology: Germ Layers, Embryology: Errors in Morphogenesis, Embryology: Teratogens I, Embryology: Teratogens II	Pathology (Part 2 of 3) pp. 665-677	13 2 hours	40	5	2	2
36	Reproductive System; Behavioral/Psychiatry; Gastrointestinal System	Embryology: Pharyngeal Arches, Embryology: Cleft Lip and Palate, Embryology: Pharyngeal Pouches and Clefts, Embryology: Genital Embryology, Pregnancy: Spermatogenesis and Oogenesis, Pregnancy: Placenta, Pregnancy: Twins, Pregnancy: Pregnancy, Pregnancy: Maternal-Fetal Disorders, Pregnancy: Hypertension in Pregnancy, Pregnancy: Placental Complications, Pregnancy: Gestational Tumors	Pathology (Part 3 of 3) pp. 678-678; Pharmacology pp. 679-682; Psychiatry (Part 1 of 3) pp. 575-582	13 2 hours	40	5	2	2
37	Reproductive System; Behavioral/Psychiatry	Pregnancy: TORCH Infections, Vagina, Cervix, Uterus: Vaginal Cancer, Vagina, Cervix, Uterus: Cervical Cancer, Vagina, Cervix, Uterus: Endometrial Disorders, Vagina, Cervix, Uterus: Endometriosis, Vagina, Cervix, Uterus: Endometrial Cancer, Ovary: Ovarian Cysts, Ovary: Ovarian Epithelial Tumors, Ovary: Ovarian Stromal Tumors, Ovary: Ovarian Germ Cell Tumors, Breast: Breast Tissue, Breast: Breast Disorders, Breast: Breast Carcinoma, Male Disorders: Penile Disorders (Part 1 of 2)	Psychiatry (Part 2 of 3) pp. 583-595	13 2 hours	40	5	2	2
38	Reproductive System; Behavioral/Psychiatry; Biochem, Cell Bio, Genetics	Male Disorders: Penile Disorders (Part 2 of 2), Male Disorders: Scrotal Disorders, Male Disorders: Testicular Cancer, Male Disorders: Prostate, Other Topics: Disorders of Sexual Development, Other Topics: Hypogonadism, General Topics: Ethics Principles, General Topics: Informed Consent, General Topics: Confidentiality, General Topics: Decision-Making Capacity	Psychiatry (Part 3 of 3) pp. 596-600; Molecular (Part 1 of 2) pp. 34-40	12 2 hours	40	5	2	2
39	Biochem, Cell Bio, Genetics; Reproductive System	General Topics: Public Health, General Topics: Quality and Safety, General Topics: Healthy Patient, General Topics: Geriatrics, General Topics: Pediatrics, Psychology: Conditioning and Transference, Psychology: Ego Defenses, Pathology: Child Abuse and Neglect, Pathology: Childhood Disorders, Pathology: ADHD and Autism	Molecular (Part 2 of 2) pp. 41-45; Cellular pp. 46-51; Laboratory Techniques (Part 1 of 2) pp. 52-53	13 2 hours	40	5	2	2
40	Biochem, Cell Bio, Genetics; Reproductive System	Pathology: Cognitive Disorders, Pathology: Psychosis, Pathology: Psychotic Disorders, Pathology: Dissociative Disorders, Pathology: Somatic Disorders, Pathology: Personality Disorders, Pathology: Mood Disorders, Pathology: Anxiety Disorders, Pathology: Eating Disorders, Pathology: Sleep Disorders, Substance Abuse: Alcohol and CNS Depressants	Laboratory Techniques (Part 2 of 2) pp. 54-55; Genetics pp. 56-64; Nutrition (Part 1 of 2) pp. 65-66	13 2 hours	40	5	2	2
41	Biochem, Cell Bio, Genetics; Reproductive System	Substance Abuse: Opioids, Substance Abuse: Stimulants, Substance Abuse: Other Drugs, Pharmacology: Antidepressants, Pharmacology: Lithium, Pharmacology: Antipsychotics, Molecular Biochemistry: DNA Structure, Molecular Biochemistry: Purine Metabolism, Molecular Biochemistry: Pyrimidine Metabolism	Nutrition (Part 2 of 2) pp. 67-72; Metabolism (Part 1 of 3) pp. 73-79	13 2 hours	40	5	2	2
42	Biochem, Cell Bio, Genetics; Reproductive System	Metabolism: Glucose, Metabolism: Glycolysis, Metabolism: Gluconeogenesis, Metabolism: Glycogen, Metabolism: HMP Shunt, Metabolism: Fructose and Galactose, Metabolism: Pyruvate Dehydrogenase, Metabolism: TCA Cycle	Metabolism (Part 2 of 3) pp. 80-91	12 2 hours	40	5	2	2
43	Biochem, Cell Bio, Genetics; Microbiology; Reproductive System; Immunology	Metabolism: Electron Transport Chain, Metabolism: Fatty Acids, Metabolism: Ketone Bodies, Metabolism: Ethanol Metabolism, Metabolism: Exercise and Starvation, Metabolism: Inborn Errors of Metabolism, Amino Acids: Amino Acids, Amino Acids: Phenylalanine and Tyrosine (Part 1 of 2)	Metabolism (Part 3 of 3) pp. 92-94; Basic Bacteriology pp. 124-133	13 2 hours	40	5	2	2
44	Microbiology; Immunology	Amino Acids: Phenylalanine and Tyrosine (Part 2 of 2), Amino Acids: Other Amino Acids, Amino Acids: Ammonia, Vitamins: B Vitamins, Vitamins: B12 and Folate, Vitamins: Other Vitamins, Lipids: Lipid Metabolism	Clinical Bacteriology (Part 1 of 2) pp. 134-146	13 2 hours	40	5	2	2
45	Microbiology; Immunology; Pathology-General	Lipids: Hyperlipidemia, Lipids: Lipid Drugs, Other Topics: Lysosomal Storage Diseases, Molecular Biology: DNA Replication, Molecular Biology: DNA Mutations, Molecular Biology: DNA Repair, Molecular Biology: Transcription	Clinical Bacteriology (Part 2 of 2) pp. 147-150; Mycology pp. 151-154; Parasitology (Part 1 of 2) pp. 155-158	12 2 hours	40	5	2	2

46	Microbiology; Pathology-General	Molecular Biology: Translation, Laboratory Techniques: PCR, Laboratory Techniques: Blotting, Laboratory Techniques: Flow Cytometry, Laboratory Techniques: ELISA, Laboratory Techniques: Microarrays and FISH, Cellular Biology: Cell Cycle, Cellular Biology: Cell Structure, Cellular Biology: Cytoskeleton, Cellular Biology: Connective Tissue, Genetic Concepts: Genetic Principles (Part 1 of 2)	Parasitology (Part 2 of 2) pp. 159-161; Virology (Part 1 of 2) pp. 162-171	13 2 hours	40	5	2	2
47	Microbiology; Pathology-General	Genetic Concepts: Genetic Principles (Part 2 of 2), Genetic Concepts: Gene Mapping, Genetic Concepts: Meiosis, Genetic Concepts: Hardy-Weinberg Law, Genetic Concepts: Pedigrees, Genetic Concepts: Imprinting, Genetic Disorders: Down Syndrome, Genetic Disorders: Trisomies, Genetic Disorders: Muscular Dystrophy, Genetic Disorders: Trinucleotide Repeat Disorders, Genetic Disorders: Deletion Syndromes, Genetic Disorders: Turner and Klinefelter Syndromes	Virology (Part 2 of 2) pp. 172-177; Systems (Part 1 of 2) pp. 178-184	13 2 hours	40	5	2	2
48	Catch-up day							
49	Microbiology; Pathology-General		Systems (Part 2 of 2) pp. 185-186; Antimicrobials (Part 1 of 2) pp. 187-197	13	40	5	2	2
50	Microbiology; Immunology; Pathology-General	Basics of Microbiology: Bacteria, Basics of Microbiology: Shapes and Strains, Basics of Microbiology: Bacterial Culture, Basics of Microbiology: Special Growth Requirements, Basics of Microbiology: Virulence, Basics of Microbiology: Growth and Genetics, Basics of Microbiology: Bacterial Identification, Bacteria: Staphylococci, Bacteria: Streptococci, Bacteria: Other Gram Positives, Bacteria: Gram Negative Rods, Bacteria: Other Gram Negatives, Bacteria: Spirochetes, Bacteria: Zoonotic Infections, Bacteria: Mycobacteria	Antimicrobials (Part 2 of 2) pp. 198-204; Immunology (Part 1 of 3) pp. 95-99	12 2 hours	40	5	2	2
51	Immunology; Pathology-General	Antibiotics: Penicillins, Antibiotics: Beta Lactams, Antibiotics: Sulfonamides, Antibiotics: Protein Synthesis Inhibitors, Antibiotics: Other Antibiotics, Fungi: Fungal Pneumonias, Fungi: Fungal Skin Infections, Fungi: Opportunistic Fungal Infections	Immunology (Part 2 of 3) pp. 100-112	13 2 hours	40	5	2	2
52	Immunology; Pathology-General	Fungi: Antifungal Drugs, Parasites and Helminths: Malaria, Parasites and Helminths: Protozoa, Parasites and Helminths: Helminths, Virus: Virus Structure, Virus: DNA Viruses, Virus: Herpes Viruses	Immunology (Part 3 of 3) pp. 113-122; Pathology (Part 1 of 3) pp. 205-207	13 2 hours	40	5	2	2
53	Pathology-General	Virus: RNA Viruses, Virus: Viral Hepatitis, Virus: HIV, Virus: HIV Drugs, Virus: Antiviral Drugs, Basic Immunology: Innate Immunology (Part 1 of 2)	Pathology (Part 2 of 3) pp. 208-220	13 2 hours	40	5	2	2
54	Pathology-General; Pharmacology-General	Basic Immunology: Innate Immunology (Part 2 of 2), Basic Immunology: T-Cells, Basic Immunology: B-Cells, Basic Immunology: The Complement System, Basic Immunology: Lymph Nodes and Spleen, Clinical Immunology: Hypersensitivity	Pathology (Part 3 of 3) pp. 221-229; Pharmacology (Part 1 of 3) pp. 231-233	12 2 hours	40	5	2	2
55	Pathology-General; Pharmacology-General	Clinical Immunology: Transplants, Clinical Immunology: Immune Deficiency Syndromes, Pharmacology: Glucocorticoids and NSAIDs, Pharmacology: Immunosuppressive Drugs, Autoimmune Disorders: Systemic Lupus Erythematosus, Autoimmune Disorders: Rheumatoid Arthritis, Autoimmune Disorders: Scleroderma, Autoimmune Disorders: Sjogren's Syndrome, Autoimmune Disorders: Vasculitis (Part 1 of 2)	Pharmacology (Part 2 of 3) pp. 234-246	13 2 hours	40	5	2	2
56	Pathology-General; Pharmacology-General	Autoimmune Disorders: Vaculitis (Part 2 of 2), Cellular Adaptations, Cell Injury, Free Radicals, Apoptosis, Necrosis, Inflammation Principles, Acute and Chronic Inflammation, Granulomatous Inflammation, Wound Healing and Scar, Pathologic Calcification, Neoplasia, General Topics: Enzymes, General Topics: Enzyme Inhibitors, General Topics: Dose-Response, General Topics: Drug Elimination, General Topics: Pharmacokinetics	Pharmacology (Part 3 of 3) pp. 247-258	12 2 hours	40	5	2	2

57	Study block #2 begins	Nervous System; Microbiology	Intro to Neuro: Cells of the Nervous System, Intro to Neuro: Nerve Damage, Intro to Neuro: Blood Brain Barrier, Intro to Neuro: Neurotransmitters, Intro to Neuro: Dermatomes and Reflexes, Nervous System Structures: Cerebral Cortex, Nervous System Structures: Spinal Cord, Nervous System Structures: Spinal Cord Syndromes, Nervous System Structures: Brainstem, Nervous System Structures: Cranial Nerves, Nervous System Structures: Auditory System, Nervous System Structures: Vestibular System, Nervous System Structures: Thalamus, Hypothalamus, Limbic System, Nervous System Structures: Cerebellum, Nervous System Structures: Basal Ganglia, Nervous System Structures: Ventricles and Sinuses, Neurovascular Disorders: Cerebral and Lacunar Stokes, Neurovascular Disorders: Vertebrobasilar Stroke Syndromes	Embryology pp. 504-506; Anatomy & Physiology pp. 507-527	24	1 hour	80	4	2	3
58		Nervous System; Endocrine System; Microbiology	Neurovascular Disorders: CNS Aneurysms, Neurovascular Disorders: Intracranial Bleeding, Neurovascular Disorders: Management of TIA/Stroke, Autonomic Nervous System: Autonomic Nervous System, Autonomic Nervous System: ANS Drugs: Norepinephrine, Autonomic Nervous System: ANS Drugs: Acetylcholine, Autonomic Nervous System: Autonomic Receptors, The Eye: The Pupil, The Eye: The Lens, The Eye: The Retina, The Eye: Eye Movements, The Eye: Visual Fields, The Eye: Gaze Palsies, The Eye: Structural Eye Disorders, The Eye: Glaucoma, Anesthesia: General Anesthesia, Anesthesia: Local Anesthesia	Pathology pp. 528-550; Otolaryngology pp. 551-552; Ophthalmology (Part 1 of 2) pp. 553-555	28	1 hour	80	4	2	3
59		Nervous System; Endocrine System; Cardiovascular System; Microbiology	Anesthesia: Neuromuscular Blockers, Other Neuro Topics: Meningitis, Other Neuro Topics: Seizures, Other Neuro Topics: Neuroembryology, Other Neuro Topics: Delirium and Dementia, Other Neuro Topics: Demyelinating Diseases, Other Neuro Topics: Headaches, Other Neuro Topics: Brain Tumors, Other Neuro Topics: Parkinson's, Huntington's, and Movement Disorders, Other: HIV CNS Infections, Thyroid: Thyroid Gland, Thyroid: Thyroid Disorders, Thyroid: Thyroid Cancer, Adrenals: Adrenal Glands, Adrenals: Congenital Adrenal Hyperplasia, Adrenals: Adrenal Disorders	Ophthalmology (Part 2 of 2) pp. 556-563; Pharmacology pp. 564-573; Embryology pp. 334-334; Anatomy pp. 335-335; Physiology (Part 1 of 2) pp. 336-340	25	1 hour	80	4	2	3
60		Endocrine System; Cardiovascular System; Microbiology	Pancreas: Endocrine Pancreas, Pancreas: Diabetes, Pancreas: Insulin, Pancreas: Treatment of Diabetes, Reproductive: Reproductive Hormones, Reproductive: Male Reproductive Hormones, Reproductive: Female Reproductive Hormones, Reproductive: Menstrual Cycle, Other: Pituitary Gland, Other: Parathyroid Glands, Other: MEN Syndromes, Other: Signalling Pathways, Introduction to Cardiac Medicine: Anatomy	Physiology (Part 2 of 2) pp. 341-345; Pathology pp. 346-361; Pharmacology pp. 362-365	25	1 hour	80	4	2	3
61		Cardiovascular System; Musculoskeletal System; Microbiology	Introduction to Cardiac Medicine: Cardiac Psychology, Introduction to Cardiac Medicine: CV Response to Exercise, Introduction to Cardiac Medicine: Blood Flow Mechanics, Introduction to Cardiac Medicine: Regulation of Blood Pressure, Introduction to Cardiac Medicine: PV Loops, Introduction to Cardiac Medicine: Wigger's Diagram, Introduction to Cardiac Medicine: Venous Pressure Tracings, Introduction to Cardiac Medicine: Starling Curve, Cardiac Ischemia: Atherosclerosis, Cardiac Ischemia: Cardiac Ischemia, Cardiac Ischemia: STEMI, Cardiac Ischemia: Unstable Angina/NSTEMI, Cardiac Ischemia: Stable Angina, EKGs: EKG Basics, EKGs: High Yield EKGs, Arrhythmias: Cardiac Action Potentials, Arrhythmias: AV and Bundle Branch Blocks (Part 1 of 2)	Embryology pp. 288-291; Anatomy pp. 292-292; Physiology pp. 293-305; Pathology (Part 1 of 2) pp. 306-313	26	1.5 hours	80	4	2	3
62	Catch-up day									
63		Cardiovascular System; Musculoskeletal System; Respiratory System; Microbiology	Arrhythmias: AV and Bundle Branch Blocks (Part 2 of 2), Arrhythmias: Atrial Fibrillation and Flutter, Arrhythmias: AVNRT, Arrhythmias: WPW, Arrhythmias: Antiarrhythmic Drugs, Cardiac Auscultation: Heart Murmurs, Cardiac Auscultation: Heart Sounds, Heart Failure: Heart Failure Basics, Heart Failure: Systolic and Diastolic Heart Failure, Heart Failure: Restrictive Cardiomyopathy, Heart Failure: Acute Heart Failure, Heart Failure: Chronic Heart Failure, The Developing Heart: Cardiac Embryology, The Developing Heart: Shunts	Pathology (Part 2 of 2) pp. 314-323; Pharmacology pp. 324-332; Anatomy & Physiology (Part 1 of 2) pp. 456-461	25	1 hour	80	4	2	3

64	Musculoskeletal System; Respiratory System; Microbiology	The Developing Heart: Cyanotic Congenital Heart Disease, The Developing Heart: Coarctation of the Aorta, Hypertension: Hypertension, Hypertension: Secondary Hypertension, Hypertension: Hypertension Drugs, Other Cardiovascular Topics: Valve Disease, Other Cardiovascular Topics: Shock, Other Cardiovascular Topics: Pericardial Disease, Other Cardiovascular Topics: Aortic Dissection, Other Cardiovascular Topics: Cardiac Tumors, Other Cardiovascular Topics: Hypertrophic Cardiomyopathy, Other Cardiovascular Topics: Endocarditis, Anatomy & Orthopedics: Knee, Anatomy & Orthopedics: Shoulder and Elbow, Anatomy & Orthopedics: Brachial Plexus, Anatomy & Orthopedics: Wrist	Anatomy & Physiology (Part 2 of 2) pp. 462-468; Pathology pp. 469-486	25	2 hours	80	4	2	3
65	Musculoskeletal System; Miscellaneous; Respiratory System; Skin; Renal & Urinary System; Microbiology	Anatomy & Orthopedics: Hand, Anatomy & Orthopedics: Lumbosacral Plexus, Anatomy & Orthopedics: Lumbar Radiculopathy, Anatomy & Orthopedics: Hip, Cell Biology: Skeletal Muscle, Cell Biology: Cardiac Muscle, Cell Biology: Smooth Muscle, Cell Biology: Bone, Pathology: Bone Disorders, Pathology: Osteoporosis, Pathology: Osteoporosis Drugs, Pathology: Bone Tumors, Osteoarthritis, Pathology: Gout, Pathology: Gout Drugs, Pathology: CPPD, Seronegative Spondyloarthritis, Pathology: Muscle Disorders, Pathology: Neuromuscular Disorders	Dermatology pp. 487-498; Pharmacology pp. 499-502; Public Health Sciences (Part 1 of 2) pp. 259-268	26	1 hour	80	4	2	3
66	Miscellaneous; Renal & Urinary System; Microbiology	Biostatistics: Basic Biostatistics, Biostatistics: Hypothesis Testing, Biostatistics: Tests of Significance, Biostatistics: Correlations, Epidemiology: Study Designs, Epidemiology: Risk Quantification, Epidemiology: Sensitivity and Specificity, Epidemiology: Positive and Negative Predictive Value, Epidemiology: Diagnostic Tests, Epidemiology: Bias, Epidemiology: Clinical Trials, Epidemiology: Evidence-Based Medicine, Intro to Pulmonary Medicine: Pulmonary Embryology, Intro to Pulmonary Medicine: Pulmonary Anatomy, Intro to Pulmonary Medicine: Pulmonary Physiology, Intro to Pulmonary Medicine: Hemoglobin, Intro to Pulmonary Medicine: Pulmonary Circulation	Public Health Sciences (Part 2 of 2) pp. 269-281; Approaching the Organ Systems pp. 284-285; Rapid Review (Part 1 of 2) pp. 713-722	25	1 hour	80	4	2	3
67	Miscellaneous; Respiratory System; Renal & Urinary System; Hematology & Oncology; Microbiology	Intro to Pulmonary Medicine: Hypoxia, Intro to Pulmonary Medicine: Ventilation and Perfusion, Intro to Pulmonary Medicine: Carbon Dioxide, Intro to Pulmonary Medicine: Pulmonary Physical Exam, Obstructive & Restrictive Diseases: Pulmonary Function Tests, Obstructive & Restrictive Diseases: Obstructive Lung Disease, Obstructive & Restrictive Diseases: Restrictive Lung Disease, Obstructive & Restrictive Diseases: Treatment of COPD and Asthma, Other Pulmonary Topics: Pneumonia, Other Pulmonary Topics: Pleural Disease, Other Pulmonary Topics: Lung Cancer, Other Pulmonary Topics: Sleep Apnea, Other Pulmonary Topics: Cystic Fibrosis, Other Pulmonary Topics: Tuberculosis, Other Pulmonary Topics: Sarcoidosis, Other Pulmonary Topics: Pulmonary Embolism	Rapid Review (Part 2 of 2) pp. 723-735; Respiratory (Part 1 of 2) pp. 683-695	26	1.5 hours	80	4	2	3
68	Respiratory System; Renal & Urinary System; Hematology & Oncology; Microbiology	Other Pulmonary Topics: Chest X-rays, Skin, Epithelial Cells, Skin Disorders I, Skin Disorders II, Pigment Disorders, Vascular Lesions, Skin Infections, Blistering Disorders, Hypersensitivity Disorders, Neurocutaneous Disorders, Skin Cancer, Intro to Renal Medicine: Renal Embryology, Intro to Renal Medicine: Renal Anatomy, Intro to Renal Medicine: Renal Physiology I, Intro to Renal Medicine: Renal Physiology II, Nephron Physiology	Respiratory (Part 2 of 2) pp. 696-712; Embryology pp. 602-603; Anatomy pp. 604-604; Physiology (Part 1 of 2) pp. 605-609	25	1 hour	80	4	2	3
69	Renal & Urinary System; Hematology & Oncology; Microbiology	Intro to Renal Medicine: Renal Endocrine Function, Acid-Base: Acid Excretion, Acid-Base: Acid-Base Principles, Acid-Base: Respiratory Disorders, Acid-Base: Metabolic Alkalosis, Acid-Base: Renal Tubular Acidosis, Acid-Base: Metabolic Acidosis, Acid-Base: Acid-Base Problems, Electrolytes: Electrolyte Disorders, Electrolytes: Sodium and Water Balance, Electrolytes: Sodium Disorders, Diseases of the Nephron: Glomerulonephritis Principles, Diseases of the Nephron: Nephritic Syndrome, Diseases of the Nephron: Nephrotic Syndrome	Physiology (Part 2 of 2) pp. 610-617; Pathology pp. 618-629; Pharmacology pp. 630-633	24	1 hour	80	4	2	3

70	Hematology & Oncology; Microbiology	Diseases of the Nephron: MPGS, Diseases of the Nephron: Tubulointerstitial Disease, Diseases of the Nephron: Renal Failure, Other Renal Topics: Urinary Tract Infections, Other Renal Topics: Cystic Kidney Disease, Other Renal Topics: Diuretics, Other Renal Topics: Kidney Stones, Other Renal Topics: Renal and Bladder Tumors, Other Renal Topics: Rhabdomyolysis, Hemostasis: Coagulation, Hemostasis: Platelet Activation, Hemostasis: Hypercoagulable States, Hemostasis: Coagulopathies, Hemostasis: Platelet Disorders, Hemostasis: Antiplatelet Drugs, Hemostasis: Antocoagulants, Red Blood Cells: Hemolysis Basics, Red Blood Cells: Extrinsic Hemolysis	Embryology pp. 414-415; Anatomy pp. 416-419; Physiology pp. 420-423; Pathology (Part 1 of 2) pp. 424-440	27	1 hour	80	4	2	3
71	Hematology & Oncology; Gastrointestinal System; Microbiology	Red Blood Cells: Intrinsic Hemolysis, Red Blood Cells: Microcytic Anemias, Red Blood Cells: Thalassemias, Red Blood Cells: Sickle Cell Anemia, Red Blood Cells: Other Anemias, Red Blood Cells: Blood Groups, White Blood Cells: Acute Leukemia, White Blood Cells: Chronic Leukemia, White Blood Cells: Hodgkin Leukemia, White Blood Cells: Non-Hodgkin Leukemia, White Blood Cells: Plasma Cell Disorders, White Blood Cells: Amyloidosis, White Blood Cells: Myeloproliferative Disorders, Cancer Drugs: Antimetabolites, Cancer Drugs: Alkylating Agents	Pathology (Part 2 of 2) pp. 441-444; Pharmacology pp. 445-454; Embryology pp. 368-369; Anatomy (Part 1 of 2) pp. 370-378	25	1 hour	80	4	2	3
72	Hematology & Oncology; Gastrointestinal System; Microbiology	Cancer Drugs: Antitumor Antibiotics, Cancer Drugs: Microtubule Inhibitors, Cancer Drugs: DNA Drugs, Cancer Drugs: Other Cancer Drugs, Other: Porphyrins, Anatomy: Gastrointestinal Embryology, Anatomy: Gastrointestinal Anatomy, Anatomy: Gastrointestinal Blood Supply, Anatomy: Gastrointestinal Tract, Anatomy: Liver, Gallbladder, and Pancreas, Anatomy: Salivary Glands, Anatomy: Hernias, GI Physiology: Bile, GI Physiology: Bilirubin, GI Physiology: Gastrointestinal Secretions, GI Physiology: Gastrointestinal Hormones, GI Physiology: Exocrine Pancreas, Clinical Gastroenterology: Esophageal Disorders	Anatomy (Part 2 of 2) pp. 379-380; Physiology pp. 381-385; Pathology (Part 1 of 2) pp. 386-404	26	1 hour	80	4	2	3
73	Gastrointestinal System; Reproductive System; Microbiology	Clinical Gastroenterology: Liver Disease, Clinical Gastroenterology: Cirrhosis, Clinical Gastroenterology: Liver Tumors, Clinical Gastroenterology: Wilson's Disease and Hemochromatosis, Clinical Gastroenterology: Gallstones, Clinical Gastroenterology: Biliary Disorders, Clinical Gastroenterology: Gastric Disorders, Clinical Gastroenterology: Malabsorption, Clinical Gastroenterology: Acute Pancreatitis, Clinical Gastroenterology: Chronic Pancreatitis & Pancreatic Cancer, Clinical Gastroenterology: Intestinal Disorders, Clinical Gastroenterology: Inflammatory Bowel Disease, Clinical Gastroenterology: Colon Cancer	Pathology (Part 2 of 2) pp. 405-407; Pharmacology pp. 408-411; Embryology pp. 636-647; Anatomy pp. 648-652	24	1 hour	80	4	2	3
74	Gastrointestinal System; Reproductive System; Microbiology	Clinical Gastroenterology: Carcinoid Tumors, Clinical Gastroenterology: Gastrointestinal Pharmacology, Embryology: Embryonic Genes, Embryology: Embryogenesis, Embryology: Germ Layers, Embryology: Errors in Morphogenesis, Embryology: Teratogens I, Embryology: Teratogens II, Embryology: Pharyngeal Arches, Embryology: Cleft Lip and Palate, Embryology: Pharyngeal Pouches and Clefts, Embryology: Genital Embryology, Pregnancy: Spermatogenesis and Oogenesis, Pregnancy: Placenta, Pregnancy: Twins, Pregnancy: Pregnancy, Pregnancy: Maternal-Fetal Disorders, Pregnancy: Hypertension in Pregnancy, Pregnancy: Placental Complications, Pregnancy: Gestational Tumors, Pregnancy: TORCH Infections, Vagina, Cervix, Uterus: Vaginal Cancer, Vagina, Cervix, Uterus: Cervical Cancer, Vagina, Cervix, Uterus: Endometrial Disorders	Physiology pp. 653-660; Pathology pp. 661-678	26	1 hour	80	4	2	3



75	Reproductive System; Behavioral/Psychiatry; Gastrointestinal System; Microbiology	Vagina, Cervix, Uterus: Endometriosis, Vagina, Cervix, Uterus: Endometrial Cancer, Ovary: Ovarian Cysts, Ovary: Ovarian Epithelial Tumors, Ovary: Ovarian Stromal Tumors, Ovary: Ovarian Germ Cell Tumors, Breast: Breast Tissue, Breast: Breast Disorders, Breast: Breast Carcinoma, Male Disorders: Penile Disorders, Male Disorders: Scrotal Disorders, Male Disorders: Testicular Cancer, Male Disorders: Prostate, Other Topics: Disorders of Sexual Development, Other Topics: Hypogonadism, General Topics: Ethics Principles, General Topics: Informed Consent, General Topics: Confidentiality, General Topics: Decision-Making Capacity, General Topics: Public Health, General Topics: Quality and Safety	Pharmacology pp. 679-682; Psychiatry (Part 1 of 2) pp. 575-596	26	1 hour	80	4	2	3
76	Behavioral/Psychiatry; Biochem, Cell Bio, Genetic; Reproductive System; Microbiology	General Topics: Healthy Patient, General Topics: Geriatrics, Pediatrics, Psychology: Conditioning and Transference, Psychology: Ego Defenses, Pathology: Child Abuse and Neglect, Pathology: Childhood Disorders, Pathology: ADHD and Autism, Pathology: Cognitive Disorders, Pathology: Psychosis, Pathology: Psychotic Disorders, Pathology: Dissociative Disorders, Pathology: Somatic Disorders, Pathology: Personality Disorders, Pathology: Mood Disorders, Pathology: Anxiety Disorders, Pathology: Eating Disorders, Pathology: Sleep Disorders, Substance Abuse: Alcohol and CNS Depressants, Substance Abuse: Opioids, Substance Abuse: Stimulants	Psychiatry (Part 2 of 2) pp. 597-600; Molecular pp. 34-45; Cellular pp. 46-51; Laboratory Techniques (Part 1 of 2) pp. 52-54	25	1 hour	80	4	2	3
77	Biochem, Cell Bio, Genetic; Reproductive System; Microbiology	Substance Abuse: Other Drugs, Pharmacology: Antidepressants, Pharmacology: Lithium, Pharmacology: Antipsychotics, Molecular Biochemistry: DNA Structure, Molecular Biochemistry: Purine Metabolism, Molecular Biochemistry: Pyrimidine Metabolism, Metabolism: Glucose, Metabolism: Glycolysis, Metabolism: Gluconeogenesis, Metabolism: Glycogen, Metabolism: HMP Shunt, Metabolism: Fructose and Galactose, Metabolism: Pyruvate Dehydrogenase, Metabolism: TCA Cycle, Metabolism: Electron Transport Chain	Laboratory Techniques (Part 2 of 2) pp. 55-55; Genetics pp. 56-64; Nutrition pp. 65-72; Metabolism (Part 1 of 2) pp. 73-80	26	1.5 hours	80	4	2	3
78	Biochem, Cell Bio, Genetic; Microbiology; Reproductive System; Immunology; Microbiology	Metabolism: Fatty Acids, Metabolism: Ketone Bodies, Metabolism: Ethanol Metabolism, Metabolism: Exercise and Starvation, Metabolism: Inborn Errors of Metabolism, Amino Acids: Amino Acids, Amino Acids: Phenylalanine and Tyrosine, Amino Acids: Other Amino Acids, Amino Acids: Ammonia, Vitamins: B Vitamins, Vitamins: B12 and Folate, Vitamins: Other Vitamins, Lipids: Lipid Metabolism, Lipids: Hyperlipidemia	Metabolism (Part 2 of 2) pp. 81-94; Basic Bacteriology pp. 124-133	24	1 hour	80	4	2	3
79	Microbiology; Immunology; Pathology-General; Microbiology	Lipids: Lipid Drugs, Other Topics: Lysosomal Storage Diseases, Molecular Biology: DNA Replication, Molecular Biology: DNA Mutations, Molecular Biology: DNA Repair, Molecular Biology: Transcription, Molecular Biology: Translation, Laboratory Techniques: PCR, Laboratory Techniques: Blotting, Laboratory Techniques: Flow Cytometry, Laboratory Techniques: ELISA, Laboratory Techniques: Microarrays and FISH, Cellular Biology: Cell Cycle, Cellular Biology: Cell Structure, Cellular Biology: Cytoskeleton, Cellular Biology: Connective Tissue, Genetic Concepts: Genetic Principles	Clinical Bacteriology pp. 134-150; Mycology pp. 151-154; Parasitology (Part 1 of 2) pp. 155-159	26	1 hour	80	4	2	3
80	Microbiology; Pathology-General; Microbiology	Genetic Concepts: Gene Mapping, Genetic Concepts: Meiosis, Genetic Concepts: Hardy-Weinberg Law, Genetic Concepts: Pedigrees, Genetic Concepts: Imprinting, Genetic Disorders: Down Syndrome, Genetic Disorders: Trisomies, Genetic Disorders: Muscular Dystrophy, Genetic Disorders: Trinucleotide Repeat Disorders, Genetic Disorders: Deletion Syndromes, Genetic Disorders: Turner and Klinefelter Syndromes, Basics of Microbiology: Bacteria, Basics of Microbiology: Shapes and Strains, Basics of Microbiology: Bacterial Culture, Basics of Microbiology: Special Growth Requirements, Basics of Microbiology: Virulence, Basics of Microbiology: Growth and Genetics, Basics of Microbiology: Bacterial Identification, Bacteria: Staphylococci, Bacteria: Streptococci	Parasitology (Part 2 of 2) pp. 160-161; Virology pp. 162-177; Systems (Part 1 of 2) pp. 178-185	26	1 hour	80	4	2	3

81	Microbiology; Immunology; Pathology-General; Microbiology	Bacteria: Other Gram Positives, Bacteria: Gram Negative Rods, Bacteria: Other Gram Negatives, Bacteria: Spirochetes, Bacteria: Zoonotic Infections, Bacteria: Mycobacteria, Antibiotics: Penicillins, Antibiotics: Beta Lactams, Antibiotics: Sulfonamides, Antibiotics: Protein Synthesis Inhibitors, Antibiotics: Other Antibiotics, Fungi: Fungal Pneumonias, Fungi: Fungal Skin Infections, Fungi: Opportunistic Fungal Infections	Systems (Part 2 of 2) pp. 186-186; Antimicrobials pp. 187-204; Immunology (Part 1 of 2) pp. 95-100	25	1 hour	80	4	2	3
82	Immunology; Pathology- General; Microbiology	Fungi: Antifungal Drugs, Parasites and Helminths: Malaria, Parasites and Helminths: Protozoa, Parasites and Helminths: Helminths, Viruses: Virus Structure, Viruses: DNA Viruses, Viruses: Herpes Viruses, Viruses: RNA Viruses, Viruses: Viral Viruses, Viruses: Viral Hepatitis, Viruses: HIV, Viruses: HIV Drugs, Viruses: Antiviral Drugs, Basic Immunology: Innate Immunology (Part 1 of 2)	Immunology (Part 2 of 2) pp. 101-122; Pathology (Part 1 of 2) pp. 205-207	25	1 hour	80	4	2	3
83	Pathology-General; Pharmacology - General; Microbiology	Basic Immunology: Innate Immunology (Part 2 of 2), Basic Immunology: T-Cells, Basic Immunology: B-Cells, Basic Immunology: The Complement System, Basic Immunology: Lymph Nodes and Spleen, Clinical Immunology: Hypersensitivity, Clinical Immunology: Transplants, Clinical Immunology: Immune Deficiency Syndromes, Pharmacology: Glucocorticoids and NSAIDs, Pharmacology: Immunosuppressive, Autoimmune Disorders: Systemic Lupus Erythematosus, Autoimmune Disorders: Rheumatoid Arthritis, Autoimmune Disorders: Scleroderma, Autoimmune Disorders: Sjogren's Syndrome	Pathology (Part 2 of 2) pp. 208-229; Pharmacology (Part 1 of 2) pp. 231-234	26	1 hour	80	4	2	3
84	Pathology-General; Pharmacology-General; Microbiology	Autoimmune Disorders: Vasculitis, Cellular Adaptations, Cell Injury, Free Radicals, Apoptosis, Necrosis, Inflammation Principles, Acute and Chronic Inflammation, Granulomatous Inflammation, Wound Healing and Scar, Pathologic Calcification, Neoplasia, General Topics: Enzymes, General Topics: Enzyme Inhibitors, General Topics: Dose-Response, General Topics: Drug Elimination, General Topics: Pharmacokinetics	Pharmacology (Part 2 of 2) pp. 235-258	24	1 hour	80	4	2	3