Human Systems in Health and Disease
BMS 6040
Gastrointestinal System

Florida State University
College of Medicine
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Overview

**Course Goals**

In the Gastrointestinal System block students acquire a fundamental knowledge of the structure and function of the gastrointestinal tract and associated organs and structures in the context of caring for patients. Through active exploration of case-driven problems, students discover how basic science and clinical medicine explain the signs and symptoms of gastrointestinal problems which are likely to be seen by the primary care physician. They learn how to evaluate clinical history, physical examination, and laboratory data related to gastrointestinal disease using an “evidence-based” approach. COM mission-based domains are underscored in specific objectives that address important issues in geriatric, rural and other underserved populations, such as changes in drug metabolism by the liver with aging, and the wide range of factors – biological and social – that can contribute to malnutrition in elderly patients. Curricular themes such as cultural issues, ethics, and public health are developed as essential components in clinical encounters with standardized patients and in case studies, for example, working with patients to accommodate cultural dietary attitudes and norms and food and water safety concerns for vulnerable populations. Students who complete this course will understand the anatomy and physiology of the gastrointestinal system in health and disease and how this relates to fundamentals of treatment. Our goal is to help our learners acquire a mastery of gastrointestinal health and disease concepts that will allow them to perform as exemplary clinicians in any area of practice, long after the course has been completed.

**Course Objectives mapped to Education Program Objectives (EPO)**

<table>
<thead>
<tr>
<th>Course Objectives</th>
<th>EPOs</th>
<th>Means of Assessment</th>
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</thead>
<tbody>
<tr>
<td>1. Demonstrate effective communication with patients and their families from diverse backgrounds, including culturally and linguistically appropriate interviewing skills, appropriate use of an interpreter, and culturally appropriate verbal and non-verbal behaviors that promote building rapport and trust, and accurate and appropriate vocabulary and concepts related to the gastrointestinal system</td>
<td>2.2, 2.3, 4.1, 5.5</td>
<td>Observation by faculty, preceptor, staff, and standardized patients</td>
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<tr>
<td>2. Organize and conduct a medical encounter, including appropriate agenda setting, accurate and thorough medical history, physical and mental status exams appropriate for the reason for the patient's visit, assessment of functional capacity, and closure</td>
<td>1.2, 1.3, 5.1, 5.5</td>
<td>Observation by faculty, preceptor, staff, and standardized patients; OSCE</td>
</tr>
<tr>
<td>3. Demonstrate clinical skills and clinical reasoning necessary for diagnosis and management of gastrointestinal disease, including selection and interpretation of appropriate diagnostic imaging and testing</td>
<td>1.2, 1.4, 1.6, 2.3</td>
<td>Observation by faculty and preceptor in CLC and small groups</td>
</tr>
<tr>
<td>4. For each region of the gastrointestinal tract, predict the consequences of abnormalities on the molecular, cellular, and physiological function of the GI system and justify the relevant and appropriate exam procedures, tests and screening tools</td>
<td>1.5, 2.2, 2.3, 2.4</td>
<td>Observation by faculty in small groups; Quizzes and Exam</td>
</tr>
<tr>
<td>5. Compare and contrast the normal and abnormal structure and function of the gastrointestinal system (comprised of all relevant structures between the mouth and anus), including nutrient digestion and absorption, barrier functions, and elimination, and explain the mechanisms of action responsible for the efficacy and complications of common treatments of problems affecting this system</td>
<td>2.2, 2.3</td>
<td>Quizzes and Exam</td>
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<tr>
<td>6. Describe the mechanisms and clinical effects of drugs used in treating acid-related disorders of the GI tract, disorders of GI transit or motility, nausea and vomiting, infections, and hepatic, biliary and pancreatic disease</td>
<td>2.2</td>
<td>Quizzes and Exam</td>
</tr>
<tr>
<td>7. Explain the larger physiological dynamics and psychosocial aspects that affect and interact with functions, diseases, and disorders of the GI system, and describe their appropriate identification, prevention and</td>
<td>2.2, 2.3, 2.4, 2.5</td>
<td>Quizzes and Exam; Observation by faculty in small groups</td>
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<tr>
<td></td>
<td>FSU COM Education Program Objectives</td>
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<tr>
<td>1</td>
<td><strong>PATIENT CARE</strong>: Provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health</td>
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<tr>
<td>1.1</td>
<td>Perform all medical, diagnostic, and surgical procedures considered essential for the area of practice</td>
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<tr>
<td>1.2</td>
<td>Gather essential and accurate information about patients and their condition through history-taking, physical examination, and the use of laboratory data, imaging and other tests</td>
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<tr>
<td>1.3</td>
<td>Organize and prioritize responsibilities to provide care that is safe, effective, and efficient</td>
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<td>1.4</td>
<td>Interpret laboratory data, imaging studies, and other tests required for the area of practice</td>
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<td>1.5</td>
<td>Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment</td>
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<td>1.6</td>
<td>Develop and carry out patient management plans</td>
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<td>1.7</td>
<td>Counsel and educate patients and their families to empower them to participate in their care, showing consideration for their perspective throughout treatment</td>
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<td>1.8</td>
<td>Provide appropriate referral of patients including ensuring continuity of care throughout transitions between providers or settings, and following up on patient progress and outcomes</td>
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<td>1.9</td>
<td>Provide health care services to patients, families, and communities aimed at preventing health problems or maintaining health</td>
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<td>1.10</td>
<td>Provide appropriate role modeling</td>
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<td>1.11</td>
<td>Perform supervisory responsibilities commensurate with one’s roles, abilities, and qualifications</td>
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<td>2.1</td>
<td>Demonstrate an investigatory and analytic approach to clinical situations</td>
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<tr>
<td>2.2</td>
<td>Apply established and emerging bio-physical scientific principles fundamental to health care for patients and populations</td>
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<tr>
<td>2.3</td>
<td>Apply established and emerging principles of clinical sciences to diagnostic and therapeutic decision-making, clinical problem-solving, and other aspects of evidence-based health care</td>
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<td>2.4</td>
<td>Apply principles of epidemiological sciences to the identification of health problems, risk factors, treatment strategies, resources, and disease prevention/health promotion efforts for patients and populations</td>
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<td>2.5</td>
<td>Apply principles of social-behavioral sciences to provision of patient care, including assessment of the impact of psychosocial-cultural influences on health, disease, care-seeking, care-compliance, barriers to and attitudes toward care</td>
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<td>2.6</td>
<td>Contribute to the creation, dissemination, application, and translation of new health care knowledge and practices</td>
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<tr>
<td>3.1</td>
<td>Identify strengths, deficiencies, and limits in one’s knowledge and expertise</td>
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<td>3.2</td>
<td>Set learning and improvement goals</td>
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<td>3.3</td>
<td>Identify and perform learning activities that address one’s gaps in knowledge, skills or attitudes</td>
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<td>3.4</td>
<td>Systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement</td>
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<td>3.5</td>
<td>Incorporate feedback into daily practice</td>
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<td>3.6</td>
<td>Locate, appraise, and assimilate evidence from scientific studies related to patients’ health problems</td>
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<td>3.7</td>
<td>Use information technology to optimize learning</td>
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<tr>
<td>3.8</td>
<td>Participate in the education of patients, families, students, trainees, peers and other health professionals</td>
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<td>3.9</td>
<td>Use information technology to obtain and utilize information about individual patients, populations of patients being served or communities from which patients are drawn to improve care</td>
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<td>3.10</td>
<td>Continually identify, analyze, and implement new knowledge, guidelines, standards, technologies, products, or services that have been demonstrated to improve outcomes</td>
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<td>4.1</td>
<td>Communicate effectively with patients, families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds</td>
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<tr>
<td>4.2</td>
<td>Communicate effectively with colleagues within one’s profession or specialty, other health professionals, and health related agencies</td>
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<td>4.3</td>
<td>Work effectively with others as a member or leader of a health care team or other professional group</td>
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<td>4.4</td>
<td>Act in a consultative role to other health professionals</td>
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<td>4.5</td>
<td>Maintain comprehensive, timely, and legible medical records</td>
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<td>4.6</td>
<td>Demonstrate sensitivity, honesty, and compassion in difficult conversations about issues such as death, end-of-life issues, adverse events, bad news, disclosure of errors, and other sensitive topics</td>
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<td>4.7</td>
<td>Demonstrate insight and understanding about emotions and human responses to emotions that allow one to develop and manage interpersonal interactions</td>
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<td>5.1</td>
<td>Demonstrate compassion, integrity, and respect for others</td>
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<td>5.2</td>
<td>Demonstrate responsiveness to patient needs that supersedes self-interest</td>
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<td>5.3</td>
<td>Demonstrate respect for patient privacy and autonomy</td>
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<td>5.4</td>
<td>Demonstrate accountability to patients, society and the profession</td>
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</table>
5.5 Demonstrate sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation

5.6 Demonstrate a commitment to ethical principles pertaining to provision or withholding of care, confidentiality, informed consent, and business practices, including compliance with relevant laws, policies, and regulations

6 **SYSTEMS-BASED PRACTICE: Demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care**

6.1 Work effectively in various health care delivery settings and systems relevant to their clinical specialty

6.2 Coordinate patient care within the health care system relevant to their clinical specialty

6.3 Incorporate considerations of cost awareness and risk-benefit analysis in patient and/or population-based care

6.4 Advocate for quality patient care and optimal patient care systems

6.5 Participate in identifying system errors and implementing potential systems solutions

6.6 Work in interprofessional teams to enhance patient safety and improve patient care quality

7 **INTERPROFESSIONAL COLLABORATION: Demonstrate the ability to engage in an interprofessional team in a manner that optimizes safe, effective patient- and population-centered care**

7.1 Work in cooperation with other professionals to establish and maintain a climate of respect, dignity, diversity, ethical integrity, and trust in order to enhance team functioning and serve the needs of patients, families, and populations

7.2 Utilize and enhance one’s own expertise by understanding and engaging the unique and diverse knowledge, skills, and abilities of other professionals to enhance team performance and maximize the quality of patient care

7.3 Exchange relevant information effectively with patients, families, communities, and other health professionals in a respectful, responsive, and responsible manner, considering varied perspectives and ensuring common understanding of, agreement with, and adherence to care decisions for optimal outcomes

7.4 Participate in and engage other members of interprofessional patient care teams in the establishment, development, leadership, and continuous enhancement of the team in order to provide care that is safe, timely, efficient, effective, and equitable

8 **PERSONAL AND PROFESSIONAL DEVELOPMENT: Demonstrate the qualities required to sustain lifelong personal and professional growth**

8.1 Develop the ability to use self-awareness of knowledge, skills and emotional limitations to engage in appropriate help-seeking behaviors

8.2 Demonstrate healthy coping mechanisms to respond to stress

8.3 Manage conflict between personal and professional responsibilities

8.4 Practice flexibility and maturity in adjusting to change with the capacity to alter behavior

8.5 Demonstrate trustworthiness that makes colleagues feel secure when one is responsible for the care of patients

8.6 Provide leadership skills that enhance team functioning, the learning environment, and/or the health care delivery system

8.7 Demonstrate self-confidence that puts patients, families, and members of the health care team at ease

8.8 Recognize that ambiguity is part of clinical health care and respond by utilizing appropriate resources in dealing with uncertainty

9 **FSU COM MISSION: Demonstrate responsiveness to community needs – especially elder, rural, minority and underserved populations**

9.1 Describe the social determinants of health, and identify how they create opportunities for and barriers to wellness for underserved populations.

9.2 Identify community resources and the ways physicians can partner with them to improve individual and population health and address social determinants of health.

9.3 Discuss the process and components of community health assessment.

9.4 Illustrate how community health assessment is used to identify the health needs and issues of a given population and inform decision making to improve population health status.

Detailed learning objectives are provided for each session in the course.
Course Format

The course emphasizes engaged and active learning through a variety of individual, interactive large group, and case-based small group learning activities as well as standardized patient encounters in the Clinical Learning Center and a Preceptorship experience in the office of a primary care physician in the community. The purpose of the preceptorship is to provide the student with the opportunity to practice history taking, physical examination skills, clinical reasoning skills, documentation skills and to observe patient care being delivered in a community-based setting. Students will be scheduled to spend a minimum of 3 hours with the preceptor every other week. Formative on-line assessment materials emphasize the development of thinking skills through analysis of data and cases, including biostatistics and epidemiology and NBME/USMLE-type questions. Students are expected to self-assess their learning needs and set goals to address them with the aid of faculty and their learning groups.

Large Group Sessions

Formal lectures are limited in favor of interactive large group sessions. This learner-centered model uses the principles of active learning. Pre-class preparation by students allows large group time to be spent in active discussion and consolidation of learning that takes maximum advantage of faculty expertise in application exercises and other instruction methodologies. Pre-class preparation assignments prime students for learning with basic didactic material presented through a variety of materials including interactive modules, self-assessment exercises, video and PowerPoint presentations, and textbook and journal readings. Interactive large group sessions apply and extend that knowledge through clinical case-based inquiry. Success depends on student engagement, preparation, and trust in the safe environment we maintain to encourage students to be curious and even to take intellectual risks. The emphasis is on developing integrated basic and behavioral science concepts in a clinical context. Whenever possible, real patients will be present to share their stories and demonstrate signs of their disease. Whenever patients are present, we ask that students wear their white coats and close their computers and other mobile devices as demonstration of respect for these wonderful patients who are willing to help us learn.

Small Group Sessions  (attendance required)

Small group exercises are case- and/or problem-oriented. Some sessions pattern thinking through progressive disclosure, others focus on concept development through guided engagement with data, while others employ the Jigsaw paradigm to focus on discovering similarities and differences of presentations or aspects of disease – the basis of differential diagnosis. Small group exercises are designed for engaged and active learning and emphasize reasoning, hypothesis formation, and hypothesis testing. The groups evaluate cases in terms of stated objectives and define additional learning objectives they will need to resolve. In Jigsaw exercises each small group (5-6) of students is assigned a case presentation to discuss and form an hypothesis. Typical questions to be resolved may include: What explains the presentation? What may be the cause? What more do we need or want to know? How do we acquire and interpret needed information? What are the options/priorities for treatment and management? Then the small groups re-mix such that each member of each new group “owns” a different case or aspect of a case, which he/she then “teaches” to the new group. In all small group exercises, all members of the group share responsibility for analyzing and explaining the clinical presentations. The value of small group exercises is not always the “answer,” but the reasoning behind it. Basic and clinical science faculty will be present to ask helpful questions if your group is “stuck” and to encourage your curiosity. During small group exercises, you are free to use any resources (unless otherwise instructed). At the end of each small group exercise, you will be expected to review the complete cases and create a summary in your own words of the “take home” points of the cases considered as a group. Summarizing and paraphrasing in your own words is a powerful learning tool.

PICO Assignment

PICO is a format physicians can use for converting clinical scenarios to researchable and answerable questions to provide evidence-based care of patients. This format can be used to answer questions about treatment, diagnosis, risk factors, etiology, statistics and phenomena.

- **P** = Patient, Population and/or Problem
- **I** = Intervention, treatment, Prognostic factor, and/or Exposure (Which specific are you considering?)
- **C** = Comparison and/or Control (What is the main alternative to the above?)
- **O** = Outcome (What are you trying to accomplish, improve, or effect?)

During the Gastrointestinal System block each student will develop a clinically relevant question, framed using the PICO format. Students will independently research the answer to their question, evaluate, and report the results of their search. The completed assignment is to be submitted via Canvas no later than 5:00 pm, Friday, September 6, 2019. Supporting materials and suggestions about PICO questions and EBM resources for answering these questions are available with the assignment on Canvas.
Preceptorship (attendance required)
Approximately every other week beginning September 9th, each student will spend a half day in the office of a community physician assigned as their Preceptor. Attendance at these sessions and documentation of patient encounters in the Encounter Tracking System (ETS) no later than midnight of the day of each preceptor visit are required.

Interprofessional Collaborative Skills (IPCS) module: Office Team roles and responsibilities (required)
All ICS assignments, templates, links and submissions are through the Interprofessional Collaborative Skills course site on Canvas. As part of the M2 Preceptorship, students complete three (3) assignments in the Office Team roles and responsibilities module. This builds on the IPCS activity completed during the Summer Clinical Practicum. The first required submission (the completed Primary Care Office Based Team template) is due no later than 8:00 AM Monday following their first Preceptor session (September 16 or September 23 – note: both submission deadlines are in the Neuroscience block).

Clinical Learning Center (CLC) (attendance required)
Throughout the block learners will continue to develop their clinical skills and clinical reasoning during individual or paired SP encounters in the CLC. These encounters will not be restricted to the exam or problems associated with the specific system being studied in the block. They will often include reviews of prior organ systems and demonstrations of how systems intersect and impact one another.

Professionalism
Medicine is a Profession, which means it entails unique responsibilities and obligations as well as unique privileges. “Professional identity formation” is an objective as important as learning the sounds and anatomy of the heart, but requires a different set of learning skills. Important among those are reflection, self- and peer assessment, deliberate practice, and learning for mastery (not grades).
Two essential Professional behaviors that will become a part of your everyday life are founded on respect for patients:

Confidentiality
Patients — including Standardized Patients — deserve to be treated with respect. Respect for patients includes keeping all patient information confidential. Patient information may be shared with other health care professionals that have a legitimate, professional “need to know,” or with specific family members, friends, or others that have permission from the patient for access to the information.
Be especially conscious about discussions of patients in public places. Even when patient names are not used, the discussion may reveal the patient’s identity to others who overhear the discussion. Rather than risk a violation of patient confidentiality, discuss patients only in a private setting and only with individuals who have a legitimate need to know.
Be careful to keep all patient notes, reports and materials confidential. Patient records, should be returned to faculty, destroyed, or kept in a secure place.
Similarly, your classmates deserve to be treated with respect. Information learned about your classmates and their families while in class is considered confidential. You are not free to disclose this material to others without the specific consent of the person.
Violation of confidentiality may result in a Report of Concern for Unprofessional Behavior [hot link to student handbook] and may be referred to the Student Evaluation and Promotion Committee (SEPC). Egregious unprofessional behavior of any variety may result in suspension of the student, a failing grade for the course, and/or referral to SEPC.

Professional Attire
Medical students, faculty and staff are all ambassadors and representatives of the College of Medicine and of the medical profession. Appearance and behavior should at all times demonstrate respect for the profession and for our patients. The needs of patients must always come first, and any barriers to meeting those needs (including attire, appearance and grooming) must be removed.
Professional attire should be worn in settings where students interact with people from outside the COM, and particularly when interacting with Standardized Patients (SPs) in the CLC, on a “house visit,” or when in a preceptor's office or clinic, a hospital or nursing facility. Professional attire should also be worn when patients, guests, or visitors are present in large or small group sessions.
Specific standards for professional attire for men and for women are detailed at the end of this document and can always be found on the course Canvas site.
Content Sequence

Content sequence in Gastrointestinal System:

Throughout this block, continued development of clinical reasoning and clinical skills focuses on advanced history taking, advanced physical exam maneuvers, and the interpretation of common diagnostic tests relevant to these systems. Standardized patient interactions continue with emphasis on clinical reasoning skills using problem oriented and chronic disease encounters that are not limited to block-specific content.

**Oral Cavity and Esophagus**
- Oral cavity and salivary glands
- Initiation of nutrient processing
- Esophagus and swallowing

**Stomach, Liver, and Pancreas**
- Mechanics of and physiology of nutrient processing
- GERD, PUD, gastroparesis
- Gastric neoplasia and endocrine function
- Pancreatic disorders
- Nutrient absorption

**Small Intestine, Colon, and Rectum**
- Enzymatic processing of nutrients
- Acute and chronic disorders
- Colitis, celiac sprue, and intestinal obstruction
- Neoplastic colonic disease
- Bacterial and viral infection
- Enteric nervous system

**Required Materials (All required texts are available as ebooks through the COM library)**
- Basic and Clinical Pharmacology (Katzung)
- Basic Interviewing Skills (Gabriel)
- Bates Guide to Physical Examination and History Taking
- Behavioral Science in Medicine (Fadem)
- Cecil Essentials of Medicine (Wing)
- Histology: A Text and Atlas With Correlated Cell and Molecular Biology (Ross)
- How the Immune System Works (Sompayrac)
- Physiology (Costanzo)
- Resolving Ethical Dilemmas: A Guide for Clinicians (Lo)
- Robbins and Cotran Pathologic Basis of Disease (Kumar)
- Sherris Medical Microbiology (Ryan)
- Smith's Patient-Centered Interviewing: An Evidence-Based Method (Fortin)
- Understanding Health Policy: A Clinical Approach (Bodenheimer)

**Additional required readings** will be assigned from a variety of sources. These readings will be provided to you and posted on Canvas when possible.

Additional materials **required** for clinical sessions

a. Clinical examination equipment: Each student must purchase and/or have available the following clinical examination equipment: stethoscope with diaphragm, bell and pediatric option, oto/ophthalmoscope, #128 and #512 tuning forks, penlight, reflex hammer, Rosenbaum eye chart and a sphygmomanometer with pediatric, adult, and large adult sized cuffs. Opportunities to purchase this equipment at a discount will be provided prior to orientation. Bring your examination equipment with you to each CLC session.

b. Also bring the following to each session in the CLC:
   - A watch capable of measuring seconds
   - A pen for writing (blue or black ink)
   - The student’s personal mobile device loaded with the appropriate medical software/applications.
Grading System

Description of Student Assessment Methods and Grading

Examinations

There will be one assessment in the course. This exam will be comprised wholly or in part of questions from the NBME (National Board of Medical Examiners) question bank. The questions on the customized NBME exam will be selected by course faculty as appropriate assessment of course content and learning objectives. Formative quizzes and/or other assessment exercises will be required throughout the block but do not contribute to the final grade.

Written exams

Multiple choice and other question formats are used to assess both content knowledge and application skill (ability to solve problems, demonstration of clinical reasoning, interpretation of images and laboratory results, etc.) on written exams. Exam questions may be drawn from material presented in any activity or assignment, from assigned readings, and from CLC sessions, in addition to questions from the NBME question bank. Exams are cumulative across the curriculum, i.e., main concepts, content and skills from material presented in prior courses may be included in questions. Written questions may also be presented in context with standardized patient encounters during the examination.

Students must score ≥70% on all exam questions to pass the written examination component of the course. Students with a written exam score below 70% risk failing Gastrointestinal System, and being referred to the Student Evaluation and Promotions Committee.

Quizzes

Throughout the course there will be weekly Firecracker quizzes and faculty-written on-line quizzes. These formative tools are “assessments for learning” that allow students to self-assess mastery of the material and their unique learning needs. Firecracker quizzes are required and must be completed each weekend prior to 8 AM the following Monday. You will receive an email reminder and link to the quiz directly from Firecracker. All quizzes are mandatory and must be completed without collaboration or consulting resources (e.g., textbooks, peers, notes, websites, etc.). Although they are formative, quizzes should be taken seriously. Quizzes are important opportunities for students to practice the self-assessment and responsibility for their own learning that are part of Professionalism and Practice Based Learning and Improvement. The results of the quizzes will be tracked as a measure of your progress and to help faculty connect students with resources that will help them succeed in the curriculum.

Grading

The FSU COM has adopted a pass/fail grading system which is used in the curriculum for the first and second years (See Student Handbook). To achieve a grade of Pass in BMS 6040 (Gastrointestinal System) a student must meet all of the following requirements:

1. A final average ≥ 70% on all examination questions. If the course average is <70%, the final course grade will be IR. A grade of Fail or IR will require remediation or repetition of the course, as proposed by the course directors and determined by decision of the Student Evaluation and Promotion Committee.
2. A student whose performance is <70% (below passing) on any individual exam during the course is required to a. Attend the exam review, b. Contact the course directors within 24 hours of that exam review, and c. Meet with the course directors.
3. Timely completion of all quizzes and assignments.
4. A student who achieves an overall passing score (≥ 70%) but has demonstrated a significant deficit in one or more content areas will be required to develop and complete a Performance Improvement Plan in consultation with the course directors. The purpose of the Plan is to assure the student has the requisite knowledge base to succeed in subsequent courses in the curriculum.
5. Attendance and satisfactory participation in all required sessions, all activities scheduled in the CLC, all Preceptorship visits, completion of all formative quizzes, and other activities as determined by the course directors. Unexcused absence from an activity for which attendance is required may require remediation as determined by the course directors. Multiple unexcused absences from required activities and/or late or missed assignments will be considered a Professionalism concern and may result in a Report of Concern for Unprofessional Behavior and referral of the student to the Student Evaluation and Promotions Committee.
6. Demonstration of the attitudes and behaviors of Medical Professionalism in all aspects of the course, including adherence to the Honor Code when taking unproctored, on-line quizzes. Professionalism concerns may generate a Report of Concern for Unprofessional Behavior and may result in receiving a grade of fail in the course.

7. Satisfactory completion of all assignments, including Preceptorship, as determined by the course directors.

Preclerkship course grading policy – Year 2

Course written exam score:
All quizzes are mandatory and must be completed without collaboration or consulting resources (e.g., textbooks, peers, notes, websites, etc.).

The Pass value for an in-house exam is 70%. The Pass value for an NBME exam in an M2 course is set as the national p value for the selected questions, minus 10 points OR 70%, whichever is LOWER (i.e., never higher than 70%). Students will be informed of the NBME p value prior to the exam. For written exams that incorporate both in-house and NBME questions, the passing score for the combined written exam will reflect the proportion of in-house and NBME questions on the exam.

Course grade:
If the written exam score is below passing as defined above, a grade of IR will be recorded.

In courses that include an OSCE:
- OSCE score < 80%, if the course written exam score is Pass OR IR (see above) = IR

In courses that include Preceptorship (M1 Spring, M2 Fall)
- Unsatisfactory performance in Preceptorship, if the course written exam score is Pass OR IR = IR

Unsatisfactory Professionalism, if the course written exam score is Pass OR IR = IR or Fail depending on the nature of the Professionalism concern, as determined by the Student Evaluation and Promotion Committee (SEPC).

In any course in which the student’s performance merits a grade of IR in 2 or more of the above categories (written exam score, OSCE, Preceptorship, Professionalism), the student will be referred to the SEPC, and a grade of Fail may be awarded, as determined by the SEPC.

Pre-clerkship course remediation policy – Year 2:

A student who has completed all the assessments and activities of a course and has not achieved a passing score (see above), will be required to demonstrate competence through an assessment which is consistent with the original course. Remediation activities, including final testing, may involve other students. For an M2 course:
- Students with a score < 10 points below Passing (as defined above) remediate the week after the course ends by taking an individually tailored, open-ended question (essay) format exam.
- Students with a score ≥ 10 points below Passing (as defined above) remediate by taking another NBME exam – the same, or slightly modified from the original.
  1. For an M2 Fall course, remediation occurs over Thanksgiving or Winter break.
  2. For an M2 Spring course, remediation occurs in the first 2 weeks of dedicated Step 1 study. Course remediation will be integrated with the student's use of UWorld blocks as part of the study plan.

If a student has IR grades in 2 or more M2 courses they will be referred to the SEPC.

A student who scores <70% on the remediation assessment or does not adequately engage in the remediation process (as monitored by the course directors) will receive a grade of Fail for the course and be referred to the SEPC.

Course Evaluation

Students will have the opportunity to provide constructive feedback through evaluation forms completed throughout the semester. Evaluations will include both content and facilitation/teaching. Feedback is encouraged at all times on all components of the course and will assist the course directors in providing a timely continuous quality improvement.
**Americans with Disabilities Act**

Candidates for the M.D. degree must be able to fully and promptly perform the essential functions in each of the following categories: Observation, Communication, Motor, Intellectual, and Behavioral/Social. However, it is recognized that degrees of ability vary widely between individuals. Individuals are encouraged to discuss their disabilities with the College of Medicine’s [Director of Student Counseling Services](#) and the FSU Student Disability Resource Center to determine whether they might be eligible to receive accommodations needed in order to train and function effectively as a physician. The Florida State University College of Medicine is committed to enabling its students by any reasonable means or accommodations to complete the course of study leading to the medical degree.

**The Office of Student Counseling Services**  
Medical Science Research Building, 2301  
Phone: (850) 645-8256  
Fax: (850) 645-9452

Students with disabilities needing academic accommodation should:
1. register with and provide documentation to the Student Disability Resource Center; and
2. bring a letter to the instructor indicating the need for accommodation and what type.

Please note that instructors are not allowed to provide classroom accommodation to a student until appropriate verification from the Student Disability Resource Center has been provided.

This syllabus and other class materials are available in alternative format upon request. For more information about services available to FSU students with disabilities, contact the:

**Student Disability Resource Center**  
874 Traditions Way  
108 Student Services Building  
Florida State University  
Tallahassee, FL 32306-4167  
Voice: (850) 644-9566  
TDD: (850) 644-8504  
sdrc@admin.fsu.edu

**Academic Honor Code**

The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to "...be honest and truthful and...[to] strive for personal and institutional integrity at Florida State University." (Florida State University Academic Honor Policy, found at [http://fda.fsu.edu/Academics/Academic-Honor-Policy](http://fda.fsu.edu/Academics/Academic-Honor-Policy))

**Attendance Policy**

**University Attendance Policy:**

Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

The College of Medicine has detailed attendance policies as they relate to each cohort and events that conflict with course schedules. See the FSU COM [Student Handbook](#) for details of attendance policy, notice of absences and remediation. Students with a legitimate reason to miss a required activity must request an approved absence through [Student Academics](#).

*Unexcused absence from a scheduled examination or quiz may result in a score of zero (0 %) being assigned for that assessment. Unexcused absence from an activity for which attendance is required (for example, Small Group session) may be considered as an issue of Professionalism. Any unexcused absence may require completion of the Performance Improvement Plan (see Grading section, above).*
Clinical Learning Center (CLC) Specific Absence Policy

**CLC scheduled activities**
Students with a legitimate reason to miss a scheduled session in the CLC must request an approved absence through Student Affairs through Student Academics. Students with approved absences will be allowed to reschedule or participate in a make-up session. **Unapproved absences may not be rescheduled or made up.** Repeated unapproved absences may result in a failing grade for the course and a Report of Concern for Unprofessional Behavior.

If you know you will be absent from a scheduled CLC session, please complete the absence approval request at least two weeks in advance. For absences that are approved at least two weeks in advance, a change in CLC schedule assignment will be arranged.

One method for addressing a planned and approved absence is to identify a classmate willing to exchange scheduled sessions with you. In this situation, both students (the student with the approved absence and the willing classmate) should send a request via email to the CLC Team at least two weeks in advance. Students will be notified re: approval of these requests. Please note: Sending a request is NOT equivalent to receiving approval.

Unplanned but excusable absences from CLC sessions are absences due to circumstances beyond the student’s control. Examples include student illness and/or family death. When such a situation occurs, please contact the CLC Team as soon as possible, to inform them that you will not be present. Then, submit an absence request to Student Affairs through Student Academics. Student Affairs will classify the absence as excused or unexcused.

If the absence qualifies as an “excused” absence, the student must contact the CLC Team to develop a plan to make up the missed session. These sessions may require the presence of an SP and / or CLC faculty member. Any excused absence will not impact the student's grade.

Unexcused absences generally involve circumstances within the student’s control. Examples of unexcused absences include the student who forgets about a scheduled CLC session, the student who skips the session to study, and/or any absence where an able student fails to contact Student Affairs and the CLC Team to inform them that the student will not be present for the session.

If the absence is unexcused, the clinical skills director will discuss the situation with the student. Any further unexcused absences will result in the notification of Student Affairs, a Report of Concern for Unprofessional Behavior, and referral of the student to the Student Evaluation and Promotions Committee. Students with unexcused absence(s) will still be responsible for the missed material in future OSCE’s and written examinations.

**Preceptorship**

**Planned preceptorship absences** require students to complete the proper forms and obtain the required permissions prior to the absence. The student must submit a Request for Absence from Educational Activities through Secure Apps, including the date of the rescheduled session. In addition, the student must inform the Preceptor Director, Ms. Karen Myers, of the session to be missed and the rescheduled date.

Schedule changes or session remediation for planned preceptorship absences are negotiated in advance. It is the student’s responsibility to arrange for a make-up session within one week of the missed session. The student will not incur a grading penalty for an approved absence, providing the session is completed by a schedule change or via remediation session.

**Unplanned, but excused, preceptorship absences:** In addition to requesting approval of an unplanned absence through Secure Apps, students are expected to contact the Preceptor Director, Ms. Myers, and the preceptor as soon as possible, with the goal of alerting the preceptor in advance that the student will not be coming. This must be completed as soon as possible to avoid impacting successful completion of the preceptorship component of the course.

**Impact of excused absence on the student’s grade:** Absence with a preceptor must be rescheduled as quickly as possible and notification of the rescheduled date completed via the intranet survey. The student will not incur a grading penalty for an excused absence, provided it is rescheduled or remediated.

**Unexcused preceptorship absences:** In addition to absences not approved by Student Affairs, an absence will be considered to be unexcused if an able student fails to contact the preceptor directly and in advance of the expected time of arrival to inform him/her that the student will not be at the preceptor's site that day.

**Impact of unexcused absence on the student’s grade:** The student may not be allowed to reschedule the missed session and could receive a grade of fail for the course
Professional Attire

Professional attire consists of clothes consistent with community norms for physicians. Examples of these norms in Tallahassee are: no jeans, seductive, revealing or tight-fitting clothes, sheer or see-through fabrics, strapless, low-necked or midriff-baring clothes, shorts, sweats, hats, or open-toed shoes.

For men, professional attire consists of slacks, a collared shirt and dress or casual shoes (no sport shoes or sandals). Ties may be either required or forbidden in some clinical situations.

For women, professional attire consists of slacks or a conservative length dress or skirt with a blouse or sweater. Skirt edge should rise no higher than 2” above the top of the knee during all clinical care and training maneuvers and should not be tight-fitting. Heels more than 3” in height are never appropriate in clinical settings.

For both men and women, a white lab coat is required. On those occasions when students are examining each other, you will be informed of the appropriate apparel for that session.

Professional appearance: Long hair must be pulled back and secured. Facial hair must be neatly groomed. If possible, all tattoos should be covered by clothing. No visible body piercing except a single piercing in each ear. No large earrings or loose jewelry. Fingernails must be trimmed. If nail polish is worn, it should not be a distracting color. No strong perfume or other scented products. In compliance with OSHA regulations, closed-toed shoes are required in all clinical settings—including the CLC.

The established “norms” of certain clinical settings may modify these standards for professional attire, but any variations in professional attire must be approved by the student’s supervisor. Consult your supervisor to clarify expectations for student attire in any ambiguous or new situations.