

**IMPORTANT:** This syllabus form should be submitted to OAA ([gsbs\\_academic\\_affairs@uth.tmc.edu](mailto:gsbs_academic_affairs@uth.tmc.edu)) a week before the start of each semester.

**NOTE to STUDENTS:** If you need any accommodations related to attending/enrolling in this course, please contact one of the Graduate School's 504 Coordinators, Cheryl Spitzengerger or Natalie Sirisaengtaksin. We ask that you notify GSBS in advance (preferably at least 3 days before the start of the semester) so we can make appropriate arrangements.

<p><b>Term and Year</b></p> <p>Course Number and Course Title:</p> <p>Credit Hours:</p> <p>Meeting Location:</p> <p>Building/Room#:</p> <p>WebEx/Zoom Link:</p>	<p>Program Required Course:      Yes      No</p> <p>Approval Code:      Yes      No</p> <p><b>(If yes, the Course Director or the Course Designee will provide the approval code.)</b></p> <p>Audit Permitted:      Yes      No</p> <p>Classes Begin:</p> <p>Classes End:</p> <p>Final Exam Week:</p>
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**Class Meeting Schedule**

Day	Time

<p><b>Course Director</b></p> <p>Name and Degree:</p> <p>Title:</p> <p>Department:</p> <p>Institution:      <i>UTH</i>      <i>MDACC</i></p> <p>Email Address:</p> <p>Contact Number:</p> <p><b>Course Co-Director/s:</b> (if any)</p> <p>Name and Degree:</p> <p>Title:</p> <p>Department:</p> <p>Institution:      <i>UTH</i>      <i>MDACC</i></p> <p>Email Address:</p> <p>Contact Number:</p> <p><b>NOTE:</b> Office hours are available by request. Please email me to arrange a time to meet.</p>	<p><b>Instructor/s</b> (Use additional page as needed)</p> <p>1.</p> <p style="padding-left: 20px;">Name and Degree</p> <p style="padding-left: 20px;">Institution:</p> <p style="padding-left: 20px;">Email Address :</p> <p>2.</p> <p style="padding-left: 20px;">Name and Degree</p> <p style="padding-left: 20px;">Institution:</p> <p style="padding-left: 20px;">Email Address :</p> <p>3.</p> <p style="padding-left: 20px;">Name and Degree</p> <p style="padding-left: 20px;">Institution:</p> <p style="padding-left: 20px;">Email Address</p> <p>4.</p> <p style="padding-left: 20px;">Name and Degree</p> <p style="padding-left: 20px;">Institution:</p> <p style="padding-left: 20px;">Email Address:</p>
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<b>Teaching Assistant:</b> (if any)  Name and Email Address  Name and Email Address	<b>Cont. Instructor/s</b>  5. Name and Degree Institution: Email Address
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**Course description:**

**Textbook/Supplemental Reading Materials** (if any)

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**Course Objective/s:**  
Upon successful completion of this course, students will

***Specific Learning Objectives:***

- 1.
- 2.
- 3.
- 4.
- 5.

**Student responsibilities and expectations:**



Date	Lecture Title	Lecturer(s)	Exception?
1/10/22	Introduction and terminology	Jones	
1/12/22	Tissues and the integument	Jones	
1/14/20	Effects of radiation on the skin and hair	Jones	
1/17/22	<b>NO CLASS - HOLIDAY</b>		
1/19/22	Musculoskeletal system I	Jones	
1/21/22	Musculoskeletal system II	Jones	
1/24/22	Musculoskeletal imaging	Amini	
1/26/22	Musculoskeletal oncology	Moon	
1/28/22	Radiotherapy of pediatric tumors	Briere	
1/31/22	The endocrine system	Jones	
2/2/22	Thyroid and other endocrine tumors	Varghese	
2/4/22	Microanatomy of the nervous system	Jones	
2/7/22	CNS anatomy	Jones	
2/9/22	PNS and the human visual system	Jones	
2/11/22	Imaging of the nervous system	Schellingerout	
2/14/22	Radiotherapy of CNS tumors	Briere	
2/16/22	Radiotherapy of head and neck cancer	TBD	
2/18/22	Microanatomy of the cardiovascular system	Jones	
2/21/22	Cardiovascular anatomy and physiology I	Jones	
2/23/22	The heart	Jones	
2/25/22	Cardiovascular anatomy and physiology II	Jones	
2/28/22	Vascular interventions	TBD	
3/2/22	Breast cancer and its treatment	Woodward	
3/4/22	Pulmonary anatomy and respiratory physiology I	Jones	
3/7/22	Pulmonary anatomy and respiratory physiology II	Jones	
3/9/22	Cardiopulmonary imaging	Gladish	
3/11/22	Lung cancer: medical and radiation oncology	Glisson	
3/14/22	<b>NO CLASS - HOLIDAY</b>		
3/16/22	<b>NO CLASS - HOLIDAY</b>		
3/18/22	<b>NO CLASS - HOLIDAY</b>		
3/21/22	Radiotherapy of lung cancer	Pollard-Larkin	
3/23/22	Radiation epidemiology and late effects	Howell	
3/25/22	Lymphatic system	Jones	
3/28/22	Molecular imaging and targeted therapy	Erwin	
3/30/22	Treatment of hematologic malignancy	TBD	
4/1/22	GI system I	Jones	
4/4/22	GI system II	Jones	

4/6/22	GI system III	Jones	
4/8/22	GI imaging case studies	Patnana	
4/11/22	GI oncology	Overman	
4/13/22	Image-guided ablation of liver tumors	Odisio	
4/15/22	Radiotherapy for GI tumors	Jones	
4/18/22	Genitourinary system I	Jones	
4/20/22	Genitourinary system II	Jones	
4/22/22	Heritable effects of radiation and radiation effects in utero	Jones	
4/25/22	GU imaging case studies	Stanietzky	
4/27/22	GU oncology	Choi	
4/29/22	Radiotherapy for GU tumors	Kudchadker	
	<b>FINAL EXAM</b>		