

ANAT 6292: Special Projects in Anatomical Sciences

Spring 2023 Syllabus

Tuesdays 9:00-10:00am, Ross Hall 643

Faculty:

Course directors

Melissa A. Carroll, Ph.D., MS

Associate Professor of Anatomy and Cell Biology

Ross Hall 402C

Email: macarroll@gwu.edu

Andrew Ferriby, Ph.D.

Assistant Professor of Anatomy and Cell Biology

Ross Hall 462A

Email: andrew.ferriby@gwu.edu

Lecturer

Nicole DeVaul, Ph.D.,

Assistant Professor of Anatomy and Cell Biology,

Ross Hall 403B

Email: ndevaul@gwu.edu

DESCRIPTION

ANAT 6292 is a graduate course for the Department of Anatomy and Cell Biology's Graduate Certificate in Anatomical and Translational Sciences/Masters in Anatomical and Translational Sciences (GCATS/MATS). In this Special Topics Course, students will prepare for a career in medicine and health science through professional development workshops, mock admission interviews, and an introduction to the U.S. healthcare system. Students will have opportunities to enhance their writing, research, communication, and presentation skills by exploring topics related to healthcare access and claims for reimbursement through the International Classification of Diseases (ICD) codes while investigating the use of various imaging techniques and approaches to visualize anatomy through radiology. In addition, students will develop an appreciation for teamwork, performing a proper literature search, manuscript preparation, and discussion skills – including how to provide constructive feedback to their peers.

LEARNING OBJECTIVES

- 1) Recognize the differences between a curriculum vitae and resume, specifically the appropriate use for each
- 2) Apply the appropriate steps to use evidence and proper language to write a paper within the typical structure of a research manuscript
- 3) Describe different types of medical imaging (X ray radiography, ultrasound sonography, computed tomography, and magnetic resonance imaging)
- 4) Evaluate the strengths and areas for improvement in a healthcare presentation and manuscript through a peer review process
- 5) Develop an efficient and effective presentation on healthcare access and radiology

CREDIT HOURS

- Course is worth **1 credit hour**

PREREQUISITE

- Enrollment in the GCATS/MATS program through the Department of Anatomy and Cell Biology

COREQUISITES

- ANAT 6160 Human Clinical Neuroanatomy and ANAT 6181 Human Clinical Gross Anatomy

SESSION & INDEPENDENT LEARNING TIME/HOURS

- Sessions meet for one (1) hour on Tuesdays from 9 am – 10 am
- Independent or out-of-class time/hours:
 - Expected to spend on average 100 minutes (1 hr 40 mins) per week of your time outside of scheduled class time preparing for the course material

GRADING POLICY

At the end of the course, a final letter grade will be assigned according to the graduate program grading scale. As per program policy, a minimum grade of B- is required for successful completion of the course.

Letter Grade	GPA	Percentage
A	4.0	90.0 – 100
A-	3.7	89.0 – 89.9
B+	3.3	87.0 – 88.9
B	3.0	80.0 – 86.9
B-	2.7	79.0 – 79.9
C+	2.3	78 – 78.9
C	2.0	75 – 77.9
C-	1.7	72 – 74.9
F	0	<71.9

Grades of D+, D, and D-, are not used for graduate students at GW. Faculty will have discretion on revising grades upward or downward as they deem appropriate; i.e. grades may be curved, extra credit may be given for extra work, etc.

METHOD OF ASSESSMENT

Assessment	Date	Percentage
Career Presentation (10min)	1/31 + 2/7	10%
CV and Resume	1/24 + 2/14	10%
Peer Feedback Completion	2/28 + 3/7	5%
Radiology Quiz	4/4	10%
Healthcare Access and Radiology Presentation	4/18 + 4/25	15%
Healthcare Access and Radiology Manuscript	4/18 + 4/25	50%

TEXTBOOKS & RESOURCES

- Yale School of Medicine: Radiology Educational Videos (<https://medicine.yale.edu/diagnosticradiology/education/medstudented/radedvideos/>)
- Electronic copies of texts and atlases are available through Himmelfarb Library, please refer to: <https://guides.himmelfarb.gwu.edu/c.php?g=27721&p=169982>

CLASS POLICIES

- **Attendance policy:** mandatory; unexcused absences will result in grade reduction, a **loss of 2% per unexcused absence**
- **Late work:** will incur with penalty determined by course directors. **Communicate emergent situations with course directors.**
- **Religious holidays:** will be accommodated, if requested

ACADEMIC INTEGRITY

- We personally support the GW Code of Academic Integrity:
 - “Academic dishonesty is defined as cheating of any kind, including misrepresenting one's own work, taking credit for the work of others without crediting them and without appropriate authorization, and the fabrication of information.”
 - For the remainder of the code, please refer to: <https://studentconduct.gwu.edu/>

SUPPORT FOR STUDENTS OUTSIDE THE CLASSROOM

DISABILITY SUPPORT SERVICES (DSS)

- Any student who may need an accommodation based on the potential impact of a disability should contact the Disability Support Services office at 202-994-8250 in Rome Hall, Suite 102, to establish eligibility and to coordinate reasonable accommodations
- For additional information please refer to: <https://disabilitysupport.gwu.edu/>

UNIVERSITY COUNSELING CENTER (UCC) 202.994.5300

- The University Counseling Center (UCC) offers 24/7 assistance and referral to address students' personal, social, career, and study skills problems
- Services for students include: crisis and emergency mental health consultations confidential assessment, counseling services (individual and small group), and referrals
- For additional information, please refer to: <https://healthcenter.gwu.edu/counseling-and-psychological-services>

SAFETY & SECURITY

- In case of an emergency, if at all possible, the class should shelter in place
- If your building is affected, follow the evacuation procedures and seek shelter at a predetermined rendezvous location
- GW Alert is the university's notification system that sends emergency text message and email alerts to the GW community
- Students are requested to maintain current contact information by logging on to alert.gwu.edu
- Download the GW Personal Alarm Locator (GW PAL), a mobile safety and security application that allows users to alert GWPD of a crime, report crime tips anonymously, provide a safety profile, and identify their location in real time
- For more safety and security information and tips, visit <https://safety.gwu.edu/>

CLASS SCHEDULE:

Date	Session Lead(s)	Session Topic(s)	Bring To Class	Assignments Due/ Important Dates
Jan. 17	Ferriby Carroll	Course Introduction, review assignments and expectations		
Jan. 24	DeVaul	Curriculum Vitae and Resume Workshop	Curriculum Vitae Draft Questions regarding Course Assignments	
Jan. 31	Carroll Ferriby DeVaul	Career Presentations (10min) Group A	PowerPoint Presentation (Group A)	Group A upload slides to BB by 5pm
Feb. 7	Carroll Ferriby DeVaul	Career Presentations (10min) Group B	PowerPoint Presentation (Group B)	Group B upload slides to BB by 5pm
Feb. 14	Ferriby DeVaul	Healthcare Access Manuscript Introduction Interview Workshop	Just yourself	Final CV due 5pm, upload to BB
Feb. 21	Carroll DeVaul	Healthcare Access Topics Writing Workshop	Healthcare Access Topic Ideas and Laptop	
Feb. 28	Carroll Ferriby DeVaul	Healthcare Access Topic Presentations (2min) Group B	Healthcare Access Informal Presentation (Group B) Healthcare Manuscript Draft and Peer Review – Reviewers provide comments	Exchange drafts by Feb. 24.
Mar. 7	Carroll Ferriby DeVaul	Healthcare Access Topic Presentations (2min) Group A	Healthcare Access Informal Presentation (Group A) Peer Review Feedback- Get clarification on edits	Peer Feedback Forms uploaded to BB by 5pm; Manuscript <u>Final Version 1</u> due 3/10, 5pm – All
Mar. 14	Spring Break			
Mar. 21	Carroll Ferriby DeVaul	Radiology discussion and introduction to the second half of the course	Just yourself	
Mar. 28	DeVaul	Asynchronous Radiology	Complete content at home	
Apr. 4	DeVaul Ferriby	Apply Radiology in Gross Lab, 218	Notebook and pen/pencil if you want	Radiology Quiz opens after class, due April 11, 9am (before next class)
Apr. 11	Carroll	Writing Workshop	Laptop, Healthcare Access Manuscript, and Faculty Feedback	

Apr. 18	Carroll Ferriby DeVaul	Healthcare Access and Radiology Presentations (10min) Group A	Healthcare Access Presentations (Group A)	Group A upload slides to BB by 5pm
Apr. 25	Carroll Ferriby DeVaul	Healthcare Access and Radiology Presentations (10min) Group B	Healthcare Access Presentations (Group B)	Group B upload slides to BB by 5pm Final Healthcare Access and Radiology Manuscript due Friday 4/28/23, 5pm