

Course Information

Course Number: *DDHS 3410*
Course Title: *Introduction to Pathology*
Section: *Spring 2025*
Time: *Tuesdays, 8:00-9:00 am; Wednesday, 8:00-10:00 am*
Location: *Room 310 (unless otherwise indicated)*
Credit Hours: *1.0*

Instructor Details

Course Director: *Bushra Javed, BDS, MS (course director); Victoria Woo, DDS (course coordinator)*
Office: *212B, Administrative Building*
Phone: *214-828-8911*
E-Mail: *vwoo@tamu.edu*
Office Hours: *8 am to 5 pm, Monday through Friday*

Additional Participating Faculty

N/A

Course Description

DDHS 3410 Introduction to Pathology didactic lecture-oriented course. Although clinically oriented, it is designed to provide a base of knowledge about pathologic processes and specific disease entities. Emphasis is on concepts and vocabulary essential to understanding basic pathologic processes; systemic pathology of organ systems and tissues; clinical manifestations that result from biological cellular alterations.

The major objective of this course is to provide students with an overview of pathology of the major organ systems, how systemic pathology may affect treatment, and the oral manifestations of systemic diseases.

At the completion of DDHS 3410 Introduction to Pathology, the student should be able to:

1. Be familiar with the pathology of the major organ systems.
2. Demonstrate correct usage of the terminology used in pathology.
3. Recognize the various basic pathologic processes that affect cells and tissues as a result of their genetic makeup or the environment.
4. Know the oral manifestations of systemic disease.
5. Recognize pathologic changes in tissues.
6. Appreciate how various systemic diseases and their treatment affect the delivery of dental hygiene services.

Course Prerequisites

None

Course Learning Outcomes

DDHS 3410 Introduction to Pathology will contribute to fulfilling the following TAMUCOD Dental Competencies:

1. Apply critical thinking skills and evidence-based decision making to the practice of dental hygiene (2.1)
2. Communicate effectively with diverse populations without discrimination. (2.3)
3. Promote positive values of overall health and wellness to the public and organizations within and outside of dentistry. (4.1)
4. Determine medical conditions that require special precautions or consideration prior to or during dental hygiene treatment. (6.1)
5. Perform an extraoral and intraoral examination of the patient including assessment of vital signs and radiographic examination, and distinguish normal from abnormal findings. (6.2)
6. Recognize predisposing, etiologic risk factors, and lifestyle choices that may require intervention to prevent disease. (6.4)
7. Determine the need for referral to the appropriate health professional. (6.6)

Participants in the course will be able to develop knowledge and understanding of the language of disease. The student will appreciate the concept that pathology is the study of reactions to injury and that these reactions can take place and be studied at molecular, subcellular, tissue, organ, body and even community levels. The student will be familiar with the causes and natural history of common diseases and their modification by treatment. The student will develop an appreciation of the use of pathologic methods commonly used for the diagnosis and management of disease. The student will learn to relate, where possible, the pathologic changes in organs and tissues to the signs and symptoms associated with disease and to be familiar with those diseases which have specific oral manifestations or which can adversely affect dental management.

Textbook and/or Resource Materials

Handouts and/or PowerPoint lectures will be supplied by the department on Canvas. In general, the material will follow Robbins Essential Pathology, 1st ed, 2021, but the text is not required.

Grading Policy

| LETTER GRADE | NUMERICAL GRADE RANGE | GRADE POINTS | DESCRIPTOR |
|--------------|-----------------------|--------------|------------|
| A | 90-100 | 4.0 | Excellent |
| B | 80-89 | 3.0 | Good |
| C | 75-79 | 2.0 | Fair |

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|---|----------|-----|----------------------------------|
| D | 70-74 | 1.0 | Poor, may require remediation |
| F | Below 70 | 0.0 | Failure |
| S | | 0.0 | Satisfactory |
| U | | 0.0 | Unsatisfactory |
| I | | | Incomplete (work or assignments) |

There will be four major exams. Each major exam counts 25% of the final grade. Exams will be taken via ExamSoft. Students must achieve an average of 75 or better to pass the course. Students missing an examination are required to contact the department as soon as possible. If the reason for missing the exam is acceptable, re-examinations are given and may be an objective, essay or oral exam.

Students who earn an F final grade may remediate the deficiency with approval by the Academic Performance Committee. The remediation course is offered in the summer session and is self-paced, self-study with periodic faculty consultation and one-on-one review sessions. There will be a summative multiple-choice exam at the conclusion of the remediation period.

Please consult the student handbook for more information on excused absences.

Course Schedule

DDHS 3410 - Tuesdays, 8:00-8:50 am; Wednesday, 8:00-9:50 am

| Date | Session Title/Topic | Instructor(s) L. Name |
|-------------------|---|-----------------------|
| 03/18/2025 | 1. Cell Injury | Dr. Javed |
| 03/19/2025 | 2. Inflammation and Repair 3. Hemodynamic Disorders | Dr. Javed |
| 03/25/2025 | 4. Diseases of the Immune System | Dr. Javed |
| 03/26/2025 | EXAM I 5. Neoplasia | Dr. Javed |
| 04/01/2025 | 6. Principles of infectious disease | Dr. Javed |
| 04/02/2025 | 7. The Heart and Blood Vessels 8. The Lungs | Dr. Javed |
| 04/08/2025 | EXAM II | Dr. Javed |
| 04/09/2025 | 9. The Hematopoietic and Lymphoid System 10. The Kidneys | Dr. Javed |
| 04/15/2025 | 11. The Alimentary Tract | Dr. Javed |
| 04/16/2025 | 12. The Male Genital System 13. The Female Genital System and Breast | Dr. Javed |
| 04/22/2025 | EXAM III | Dr. Javed |
| 04/23/2025 | 14. The Endocrine System 15. The Musculoskeletal System | Dr. Javed |
| 04/29/2025 | 16. The Nervous System | Dr. Javed |

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|------------|----------------------------|-----------|
| 04/30/2025 | 17. The Skin 18. Review | Dr. Javed |
| 05/07/2025 | EXAM IV | Dr. Javed |

**** Topics and subtopics are subject to change**

Optional Course Information Items

Technology Support

Students are responsible for maintaining their devices and ensuring that they are in proper working order throughout the semester. This includes maintaining access to the college wireless network, access to all accounts (both TAMU and TAMU Health) and keeping passwords up to date. Students are expected to keep their devices up to date in regard to patches and OS updates.

Division of IT

If the student experiences issues with an electronic device, wifi access, axiUm, Zoom, or user accounts, their first point of contact should be the Division of IT Central Help Desk or the local Division of IT at COD. The Central Helpdesk provides 24-hour support.

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| Division of IT Central Help Desk Website: https://it.tamu.edu/help/ Phone: 1-979-845-8300 Email: helpdesk@tamu.edu | SOD Local Division of IT Office Room: 519 Phone: 214-828-8248 |
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COD Instructional Design Team

For electronic exam support or problems concerning other academic technology, such as the LMS (Canvas), ExamSoft, or Exemplify, students should contact the Instructional Design team.

Room: 516 - Academic Affairs

Carmina Castro

ccastro@tamu.edu

(214) 828-8316

Jeff Lowry

lowryj1@tamu.edu

(214) 828-8243

Canvas support 24-hours

(877) 354-4821

Lecture Recordings and Mediasite Support

Lecture recordings are posted to the Mediasite course catalog typically no more than 24 hours after they have been received. Unless otherwise specified, all course recordings are available via the Mediasite channel link within the Canvas course.

For missing recordings, contact your instructor and the Instructional Design Team.

For problems with recording playback, Mediasite access, or performance, contact IT's Health Technology Care Team (979.436.0250).

University Policies

Attendance Policy

The university views class attendance and participation as an individual student responsibility. Students are expected to attend class and to complete all assignments.

DDS students, please refer to your student handbook, DH students please refer to student rule 7 for information about excused absences, including definitions, and related documentation and timelines.

Makeup Work Policy

Students will be excused from attending class on the day of a graded activity or when attendance contributes to a student's grade, for the reasons stated in Student Rule 7, or other reason deemed appropriate by the Office of Student Affairs.

Please refer to [Student Rule 7](#) in its entirety for information about makeup work, including definitions, and related documentation and timelines.

Absences related to Title IX of the Education Amendments of 1972 may necessitate a period of more than 30 days for make-up work, and the timeframe for make-up work should be agreed upon by the student and instructor" ([Student Rule 7, Section 7.4.1](#)).

"The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unexcused absence" ([Student Rule 7, Section 7.4.2](#)).

Students who request an excused absence are expected to uphold the Aggie Honor Code and Student Conduct Code. (See [Student Rule 24](#).)

Academic Integrity Statement and Policy

"An Aggie does not lie, cheat or steal, or tolerate those who do."

"Texas A&M University students are responsible for authenticating all work submitted to an instructor. If asked, students must be able to produce proof that the item submitted is indeed the work of that student. Students must keep appropriate records at all times. The inability to authenticate one's work, should the instructor request it, may be sufficient grounds to initiate an academic misconduct case" ([Section 20.1.2.3, Student Rule 20](#)).

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You can learn more about the Aggie Honor System Office Rules and Procedures, academic integrity, and your rights and responsibilities at aggiehonor.tamu.edu. You can also contact Graduate Studies at 214-828-8182, Student Affairs at 214-828-8210, or your Program Director, for guidance.

Americans with Disabilities Act (ADA) Policy

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Texas A&M University is committed to providing equitable access to learning opportunities for all students. All students are encouraged to discuss their disability-related needs with Disability Resources and their instructors as soon as possible. If you experience barriers to your education due to a disability which may include, but not limited to: attentional, learning, mental health, sensory, physical, or chronic health conditions, visit Disability Resources for more information. <http://disability.tamu.edu>.

The primary contact for any new disability accommodation requests and for any accommodation questions/concerns:

Tracey Forman, Associate Director of Disability Resources
979.845.1637 | traceyf@disability.tamu.edu |

Staff and administration in Student Affairs, Student Development and Academic Affairs are available as needed to discuss any concerns and navigate the accommodations process with our students locally.

Title IX and Statement on Limits to Confidentiality

Texas A&M University is committed to fostering a learning environment that is safe and productive for all. University policies and federal and state laws prohibit gender-based discrimination and sexual harassment, including sexual assault, sexual exploitation, domestic violence, dating violence, and stalking.

With the exception of some medical and mental health providers, all university employees (including full and part-time faculty, staff, paid graduate assistants, student workers, etc.) are Mandatory Reporters and must report to the Title IX Office if the employee experiences, observes, or becomes aware of an incident that meets the following conditions (see [University Rule 08.01.01.M1](#)):

- The incident is reasonably believed to be discrimination or harassment.
- The incident is alleged to have been committed by or against a person who, at the time of the incident, was (1) a student enrolled at the University or (2) an employee of the University.

Mandatory Reporters must file a report regardless of how the information comes to their attention – including but not limited to face-to-face conversations, a written class assignment or paper, class discussion, email, text, or social media post. Although Mandatory Reporters must file a report, in most instances, a person who is subjected to the alleged conduct will be able to control how the report is handled, including whether or not to pursue a formal investigation. The University's goal is to make sure you are aware of the range of options available to you and to ensure access to the resources you need.

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Students can learn more about filing a report, accessing supportive resources, and navigating the Title IX investigation and resolution process on the University's [Title IX webpage](#). College of Dentistry students can contact Graduate Studies at 214-828-8182, Student Affairs at 214-828-8210, Security at 214-828-8335, their Program Director, or their Department Head to report an incident.

Statement on Mental Health and Wellness

Texas A&M University recognizes that mental health and wellness are critical factors that influence a student's academic success and overall wellbeing. Students are encouraged to engage in healthy self-care by utilizing available resources and services on your campus.

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Students who need someone to talk to can call the TAMU Helpline (979-845-2700) from 4:00 p.m. to 8:00 a.m. weekdays and 24 hours on weekends. 24-hour emergency help is also available through the National Suicide Prevention Hotline (800-273-8255) or at suicidepreventionlifeline.org. You can also contact Graduate Studies at 214-828-8182 or Student Affairs at 214-828-8210 for a referral to a local counselor. These counseling sessions are private and confidential, as are any referral requests. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.



Campus-Specific Policies

Statement on the Family Educational Rights and Privacy Act (FERPA)

FERPA is a federal law designed to protect the privacy of educational records by limiting access to these records, to establish the right of students to inspect and review their educational records and to provide guidelines for the correction of inaccurate and misleading data through informal and formal hearings. Currently enrolled students wishing to withhold any or all directory information items may do so by going to howdy.tamu.edu and clicking on the "Directory Hold Information" link in the Student Records channel on the MyRecord tab. The complete [FERPA Notice to Students](#) and the student records policy is available on the Office of the Registrar webpage.

Items that can never be identified as public information are a student's social security number, citizenship, gender, grades, GPR or class schedule. All efforts will be made in this class to protect your privacy and to ensure confidential treatment of information associated with or generated by your participation in the class.

Directory items include name, UIN, local address, permanent address, email address, local telephone number, permanent telephone number, dates of attendance, program of study (college, major, campus), classification, previous institutions attended, degrees honors and awards received, participation in officially recognized activities and sports, medical residence location and medical residence specialization.

College and Department Policies

College and departmental units may establish their own policies and minimum syllabus requirements. As long as these policies and requirements do not contradict the university level requirements, colleges and departments can add them in this section. Please remove this section if not needed.