
UNIVERSITY OF NORTH ALABAMA
BIOLOGY 463
PLANT TAXONOMY
LECTURE SYLLABUS – SPRING 2023

INSTRUCTOR

DR. FRANCIS J. MENAPACE
OFFICE: 381 SCIENCE BUILDING
OFFICE HOURS: MONDAY - 9:00 -> 12:00
TUESDAY - 11:00 -> 1:00
WEDNESDAY - 9:00 -> 12:00

COMMUNICATION

OFFICE PHONE: 765 - 4495
OFFICE E-MAIL: fjmenapace@una.edu **!!!DO NOT E-MAIL USING CANVAS!!!**

-- THE OFFICIAL METHOD OF COMMUNICATION AT UNA IS UNA PORTAL,
WITH EMPHASIS PLACED ON UNIVERSITY E-MAIL

TEACHING WEBSITE

WEBSITE: <http://www.buildingthepride.com/faculty/fjmenapace/>
USER NAME: fjmstudent
PASSWORD: studentfjm

COURSE CONTENT

-- AN INTRODUCTORY LEVEL, COMPREHENSIVE EXAMINATION OF PLANT TAXONOMY
WITH EMPHASIS UPON TRACHEOPHYTES, PARTICULARLY ANGIOSPERMS
-- STUDENT SHOULD ACQUIRE SUFFICIENT BOTANICAL KNOWLEDGE TO EXCEL AT
THE GRADUATE LEVEL

COURSE PREREQUISITES

-- BIOLOGY 111 & 112 OR EQUIVALENT

TEXTBOOK

-- NONE REQUIRED FOR LECTURE

ATTENDANCE POLICY

- DAILY ATTENDANCE REQUIRED
- ATTEND CLASS ON TIME
- SIGNED ATTENDANCE SHEET = PRESENT
- SIGN IN OTHERS = ACADEMIC DISHONESTY

!!!LOCKED DOOR POLICY!!!

CLASS ROOM DECORUM

- FOOD AND BEVERAGES - NOT PERMITTED DURING CLASS
- COMPUTERS - NOT PERMITTED DURING CLASS
- CELL PHONES - NOT PERMITTED DURING CLASS

!!!TURN PHONES OFF!!! !!!PLACE IN BOOKBAG!!!

PERSONAL CONDUCT

- APPROPRIATE BEHAVIOR WILL BE DEMANDED DURING LECTURE
 - PLEASE DO NOT CONDUCT PERSONAL CONVERSATIONS DURING LECTURE
-

TESTING POLICY

- 3 LECTURE EXAMS - 100 PTS/EXAM
- OBJECTIVE QUESTIONS
EG MULTIPLE CHOICE, TRUE AND FALSE

---TENTATIVE EXAM DATES---

- LECTURE EXAM #1 - LATE FEBRUARY
- LECTURE EXAM #2 - MID APRIL
- LECTURE EXAM #3 - FINALS WEEK / COMPREHENSIVE FINAL

---LECTURE QUIZZES---

- OBJECTIVE QUESTIONS
EG MULTIPLE CHOICE, TRUE AND FALSE, FILL-IN

---MAKE-UP EXAMS & QUIZZES---

- MAKE-UP EXAMS & QUIZZES - NOT POSSIBLE
- EXCEPTIONS:
 - (1) FAMILY DEATH
 - (2) DOCUMENTED ILLNESS

---EXTRA CREDIT---

- EXTRA CREDIT - NOT POSSIBLE

ACADEMIC DISHONESTY

!!!DISHONESTY WILL NOT BE TOLERATED!!!
!!!EXAM OR QUIZ MISCONDUCT = COURSE FAILURE!!!

---ACADEMIC DISHONESTY STATEMENT---

STUDENTS OF THE UNIVERSITY ACADEMIC COMMUNITY ARE EXPECTED TO ADHERE TO COMMONLY ACCEPTED STANDARDS OF ACADEMIC HONESTY. ALLEGATIONS OF ACADEMIC DISHONESTY CAN REFLECT POORLY ON THE SCHOLARLY REPUTATION OF THE UNIVERSITY INCLUDING STUDENTS, FACULTY AND GRADUATES. INDIVIDUALS WHO ELECT TO COMMIT ACTS OF ACADEMIC DISHONESTY SUCH AS CHEATING, PLAGIARISM, OR MISREPRESENTATION WILL BE SUBJECT TO APPROPRIATE DISCIPLINARY ACTION IN ACCORDANCE WITH UNIVERSITY POLICY.

INCIDENTS OF POSSIBLE STUDENT ACADEMIC DISHONESTY WILL BE ADDRESSED IN ACCORDANCE WITH THE FOLLOWING GUIDELINES:

1. THE INSTRUCTOR IS RESPONSIBLE FOR INVESTIGATING AND DOCUMENTING ANY INCIDENT OF ALLEGED ACADEMIC DISHONESTY THAT OCCURS UNDER THE INSTRUCTOR'S PURVIEW.
2. IF THE INSTRUCTOR FINDS THE ALLEGATION OF ACADEMIC DISHONESTY TO HAVE MERIT, THEN THE INSTRUCTOR, AFTER A DOCUMENTED CONFERENCE WITH THE STUDENT, WILL DEVELOP A PLAN FOR DISCIPLINARY ACTION. IF THE STUDENT AGREES TO THIS PLAN, THEN BOTH INSTRUCTOR AND

STUDENT WILL SIGN THE AGREEMENT. THE FACULTY MEMBER WILL FORWARD A COPY OF THE SIGNED AGREEMENT TO THE OFFICE OF STUDENT CONDUCT FOR RECORD-KEEPING PURPOSES.

3. IF THE STUDENT DISAGREES WITH THE INSTRUCTOR'S PROPOSED PLAN FOR DISCIPLINARY ACTION AND WISHES TO TAKE FURTHER ACTION, HE/SHE IS RESPONSIBLE FOR SCHEDULING A MEETING WITH THE CHAIR OF THE DEPARTMENT WHERE THE COURSE IS HOUSED TO APPEAL THE PROPOSED DISCIPLINARY PLAN. THE DEPARTMENT CHAIR SHALL MEDIATE THE MATTER AND SEEK A SATISFACTORY JUDGMENT ACCEPTABLE TO THE FACULTY MEMBER BASED ON MEETINGS WITH ALL PARTIES. IF A RESOLUTION IS REACHED, THE DISPOSITION OF THE CASE WILL BE FORWARDED TO THE OFFICE OF STUDENT CONDUCT. IF A RESOLUTION AT THE DEPARTMENTAL LEVEL IS NOT REACHED AND THE STUDENT WISHES TO TAKE FURTHER ACTION, HE/SHE IS RESPONSIBLE FOR SCHEDULING A MEETING WITH THE DEAN OF THE COLLEGE WHERE THE COURSE IS HOUSED TO APPEAL THE PROPOSED DISCIPLINARY PLAN. THE COLLEGE DEAN SHALL MEDIATE THE MATTER AND SEEK A SATISFACTORY JUDGMENT ACCEPTABLE TO THE FACULTY MEMBER BASED ON MEETINGS WITH ALL PARTIES. IF A RESOLUTION IS REACHED, THE DISPOSITION OF THE CASE WILL BE FORWARDED TO THE OFFICE OF STUDENT CONDUCT. IF A RESOLUTION AT THE COLLEGE LEVEL IS NOT REACHED AND THE STUDENT WISHES TO TAKE FURTHER ACTION, HE/SHE IS RESPONSIBLE FOR SCHEDULING A MEETING WITH THE VICE PRESIDENT FOR ACADEMIC AFFAIRS AND PROVOST (VPAA/P) TO APPEAL THE PROPOSED DISCIPLINARY PLAN. THE VPAA/P SHALL MEDIATE THE MATTER AND SEEK A SATISFACTORY JUDGMENT ACCEPTABLE TO THE FACULTY MEMBER BASED ON MEETINGS WITH ALL PARTIES. AFTER REVIEWING ALL DOCUMENTATION, THE VPAA/P MAY, AT HIS/HER DISCRETION, CHOOSE EITHER TO AFFIRM THE PROPOSED ACTION, TO REFER THE CASE TO THE OFFICE OF STUDENT CONDUCT FOR FURTHER REVIEW, OR TO DISMISS THE MATTER DEPENDING ON THE MERITS OF THE CASE. THE FINAL DISPOSITION OF THE CASE WILL BE DISSEMINATED TO APPROPRIATE PARTIES, INCLUDING THE OFFICE OF STUDENT CONDUCT.
4. IF A STUDENT IS ALLOWED ACADEMIC PROGRESSION BUT DEMONSTRATES A REPEATED PATTERN OF ACADEMIC DISHONESTY, THE VPAA/P MAY, AFTER CONSULTATION WITH THE OFFICE OF STUDENT CONDUCT, ASSIGN ADDITIONAL PENALTIES TO THE STUDENT, INCLUDING REMOVAL FROM THE UNIVERSITY.

EVALUATION

-- LECTURE = 3/4 COURSE GRADE
-- LAB = 1/4 COURSE GRADE

---GRADE SCALE---

90% → 100% = A
80% → 89% = B
70% → 79% = C
60% → 69% = D
00% → 59% = F

!!!WELL-BEHAVED STUDENTS WILL RECEIVE BENEFIT OF ANY DOUBT!!!

LEARNING DISABILITY

-- ANY DISABILITY SHOULD BE BROUGHT TO YOUR INSTRUCTOR'S ATTENTION IMMEDIATELY; EVERY EFFORT WILL BE MADE TO ACCOMMODATE THE STUDENT

---EQUAL OPPORTUNITY STATEMENT---

IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND SECTION 504 OF THE REHABILITATION ACT OF 1973, THE UNIVERSITY OFFERS REASONABLE ACCOMMODATIONS TO STUDENTS WITH ELIGIBLE DOCUMENTED LEARNING, PHYSICAL AND/OR PSYCHOLOGICAL DISABILITIES. UNDER TITLE II OF THE AMERICANS WITH DISABILITIES ACT (ADA) OF 1990, SECTION 504 OF THE REHABILITATION ACT OF 1973, AND THE AMERICANS WITH DISABILITIES AMENDMENT ACT OF 2008, A DISABILITY IS DEFINED AS A PHYSICAL OR MENTAL IMPAIRMENT THAT SUBSTANTIALLY LIMITS ONE OR MORE MAJOR LIFE ACTIVITIES AS COMPARED TO AN AVERAGE PERSON IN THE POPULATION. IT IS THE RESPONSIBILITY OF THE STUDENT TO CONTACT DISABILITY SUPPORT SERVICES TO INITIATE THE PROCESS TO DEVELOP AN ACCOMMODATION PLAN. THIS ACCOMMODATION PLAN WILL NOT BE APPLIED RETROACTIVELY. APPROPRIATE, REASONABLE ACCOMMODATIONS WILL BE MADE TO ALLOW EACH STUDENT TO MEET COURSE REQUIREMENTS, BUT NO FUNDAMENTAL OR SUBSTANTIAL ALTERATION OF ACADEMIC STANDARDS WILL BE MADE. STUDENTS NEEDING ASSISTANCE SHOULD CONTACT DISABILITY SUPPORT SERVICES AT 256-765-4214.

TITLE IX

-- ANY INCIDENT COVERED UNDER TITLE IX WILL BE IMMEDIATELY FORWARDED TO THE UNIVERSITY TITLE IX COORDINATOR

---TITLE IX STATEMENT---

THE UNIVERSITY OF NORTH ALABAMA HAS AN EXPECTATION OF MUTUAL RESPECT. STUDENTS, STAFF, ADMINISTRATORS, AND FACULTY ARE ENTITLED TO A WORKING ENVIRONMENT AND EDUCATIONAL ENVIRONMENT FREE OF DISCRIMINATORY HARASSMENT. THIS INCLUDES SEXUAL VIOLENCE, SEXUAL HARASSMENT, DOMESTIC AND INTIMATE PARTNER VIOLENCE, STALKING, GENDER-BASED DISCRIMINATION, DISCRIMINATION AGAINST PREGNANT AND PARENTING STUDENTS, AND GENDER-BASED BULLYING AND HAZING. FACULTY AND STAFF ARE REQUIRED BY FEDERAL LAW TO REPORT ANY OBSERVATIONS OF HARASSMENT (INCLUDING ONLINE HARASSMENT) AS WELL AS ANY NOTICE GIVEN BY STUDENTS OR COLLEAGUES OF ANY OF THE BEHAVIORS NOTED ABOVE. RETALIATION AGAINST ANY PERSON WHO REPORTS DISCRIMINATION OR HARASSMENT IS ALSO PROHIBITED. UNA'S POLICIES AND REGULATIONS COVERING DISCRIMINATION AND HARASSMENT MAY BE ACCESSED AT WWW.UNA.EDU/TITLEIX. IF YOU HAVE EXPERIENCED OR OBSERVED DISCRIMINATION OR HARASSMENT, CONFIDENTIAL REPORTING RESOURCES CAN BE FOUND ON THE WEBSITE OR YOU MAY MAKE A FORMAL COMPLAINT BY CONTACTING THE TITLE IX COORDINATOR AT 256-765-4223.

!!!HARASSMENT WILL NOT BE TOLERATED!!!

!!!DISCRIMINATION WILL NOT BE TOLERATED!!!

GEOLOGIC TIME SCALE

ERA	PERIOD	DURATION
CENOZOIC	QUATERNARY	3 → PRESENT
	TERTIARY	65 → 3 MYA
MESOZOIC	CRETACEOUS	140 → 65 MYA
	JURASSIC	195 → 140 MYA
	TRIASSIC	225 → 195 MYA
PALEOZOIC	PERMIAN	280 → 225 MYA
	PENNSYLVANIAN	325 → 280 MYA
	MISSISSIPPIAN	345 → 325 MYA
	DEVONIAN	395 → 345 MYA
	SILURIAN	435 → 395 MYA
	ODOVICIAN	500 → 435 MYA
PRECAMBRIAN	CAMBRIAN	570 → 500 MYA
PRECAMBRIAN		BEFORE 570 MYA

STEWART & ROTHWELL 1993

MYA = MILLION YEARS AGO
MISSISSIPPIAN + PENNSYLVANIAN = CARBONIFEROUS

!!!KNOW GEOLOGIC TIME SCALE FOR ALL EXAMS!!!

ALABAMA TRACHEOPHYTE CLASSIFICATION

ALABAMA TRACHEOPHYTE CLASSIFICATION

- PHYLUM: LYCOPODIOPHYTA
 - CLASS: LYCOPODIOPSIDA
 - ORDER: LYCOPODIALES
 - CLASS: SELAGINOPSIDA
 - ORDER: SELAGINALES

- PHYLUM: PTERIDOPHYTA
 - CLASS: EQUISETOPSIDA
 - ORDER: EQUISETALES
 - CLASS: OPHIOGLOSSOPSIDA
 - ORDER: OPHIOGLOSSALES
 - ORDER: PSILOTALES
 - CLASS: PTERIDOPSIDA
 - ORDER: PTERIDALES
 - ORDER: MARSILEALES
 - ORDER: SALVINIALES

- PHYLUM: PINOPHYTA
 - CLASS: PINOPSIDA
 - ORDER: PINALES

- PHYLUM: MAGNOLIOPHYTA
 - CLASS: MAGNOLIOPSIDA
 - CLASS: LILIOPSIDA

!!!KNOW CLASSIFICATION FOR ALL EXAMS!!!

BIOLOGY 463

PLANT TAXONOMY

STUDY TIPS

---DURING LECTURE---

- ATTEND LECTURE DAILY**
- ATTEND LECTURE ON TIME**
- TAKE YOUR OWN NOTES**
- PARTICIPATE CONSTRUCTIVELY DURING LECTURE**

---POST LECTURE---

- REVIEW NOTES AFTER EACH LECTURE**
- UTILIZE INSTRUCTOR'S OFFICE HOURS**
- REVIEW NOTES ENTIRELY OVER THE WEEKEND**

---EXAM PREPARATION---

- STUDY ALONE**
- GIVE 12+ HARD STUDY HOURS**

BIOLOGY 463

PLANT TAXONOMY

ON LINE LECTURE

POWERPOINT SLIDES

GO TO: <http://www.buildingthepride.com/faculty/fjmenapace/> - ENTER

TYPE: USER NAME: fjmstudent / PASSWORD: studentfjm - ENTER

GO TO: BIOLOGY 463 - ENTER

GO TO: ANY LINK LISTED BELOW - ENTER

BI-463-P-01
BI-463-P-02
BI-463-P-03
ETC

!!!PLEASE BE PATIENT!!!

!!!IT MAY TAKE SEVERAL MINUTES TO DOWNLOAD FILE!!!

