



The University of Texas at Austin

Department of Mathematics

College of Natural Sciences

Orientation Advising 2025 Mathematics

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Fall Semester Courses

Sample Schedule

Will vary depending on assigned CNS Community

- Math course
- UGS 302 or 303 – core requirement
- Science (ex: CH 301) or Technology course (ex: CS 303E)
- RHE 306 or other core course (ex: MUS 307) - (Actuarial students may want to take ECO 304K, a Social & Behavioral Science)

Mathematics Course Sequences

Traditional

M408N (aka K)
Differential Calculus

M408S (aka L)
Integral Calculus

M408M
Multivariable Calculus

Accelerated

M408C
Differential & Integral Calculus

M408D
Integral & Multivariable
Calculus

Most Math degrees require M 408C & M 408D or M 408N (aka K) and M 408S (aka L);
The BSA requires M 408C & M 408D or M 408N, M 408S, and M 408M (although M 408M can
be waived); M 408M is an option for the BS: Option VII, Mathematics degree

Consider the Following Things When Choosing Fall Mathematics Course

Your choice is based on:

1) Your UTMA score

70 or higher for M 408C or M 408N (78 recommended for M 408C)

(55 or higher for M 305G – Preparation for Calculus)

2) AP Credit

Score	Credit Earned	Fall Course Recommendation
AB: 3 or 4	M 408N (K)	M 408N or M 408C or M 408S
AB: 5	M 408C	M 408D or M 408D-AP
BC: 3 or 4	M 408C	M 408C or M 408D or M 408D-AP
BC: 5	M 408C <u>or</u> M 408N (K) & 408S (L)	M 408D or M 427L-AP

(M 408N and M 408S are the College of Natural Sciences versions of M 408K & M 408L)

3) Dual Credit

M 408N → M 408S M 408N & 408S → Consult with Advisor for options

4) Confidence in your math skills

Other Factors to Consider

(If you are eligible for calculus but close to the cut-off score of 70):

- No high school calculus
- You took calculus, but not AP, in high school
- Your gut says you are not prepared for college calculus

Preparation for Calculus (M 305G) is an option

If you decide to take calculus:

- Use the Math Readiness Package this summer
- Go to discussion sections in fall
- Make use of resources
 - Sanger Learning Center
 - CalcLab
 - Professor's office hours

*Talk to an
advisor if you
are not sure
which math
course to take*

Advanced Math

If you took math beyond the level of AP Calculus BC in high school, the Academic Advisor you meet with will refer you to the Math Faculty Advisor.

Science Courses

- **BS in Math**: 8 hours in **one** area selected from AST, BIO, CH, GEO, or PHY
- **BSA**: 6 hours in **one** area selected from AST, BIO, CH, GEO, MNS, or PHY and 3 hours from **another** area selected from AST, BIO, CH, CS, GEO, MNS, or PHY
- **Important**: must be majors-level courses
- Can overlap with the core science requirement
- CS 303E is required for a BS in Math and will count toward Science & Tech II
- CH and PHY are the best options for the 6-hour or 8-hour requirement

Science Credit & AP Scores

AP Chemistry, 4-5	Chemistry – CH 301, 302 & 204
AP Physics 1, 3-5	Physics (algebra-based) – PHY 302K & 105M
AP Physics 2, 3-5	Physics (algebra-based) – PHY 302L & 105N
AP Physics C-Mechanics, 3-5	Physics (calculus-based) - PHY 303K & 105M or PHY 301 & 101L
AP Physics C-Elect. & Magnetism, 3-5	Physics (calculus-based) - PHY 303L & 105N or PHY 316 & 116L
AP Biology, 3-4; AP Biology 5	Biology – BIO 311C; BIO 311C & 311D

UGS 302 or 303: Signature Course

- Topic-based
- 302 - writing based, small
- 303 - larger, less writing
- Must take in first 2 semesters
- Have several back up topics in mind!

Core Courses & AP Credit

<https://ugs.utexas.edu/core/requirements/current>
(Talk to your Academic Advisor before claiming credit)

RHE 306 – Composition 1	AP Language, 3-5 or SAT Writing & Lang, 33+
E 316L, M, N, or P - Literature	AP Literature, 4-5
US History, 6 hrs	AP US History, 3-5: HIS 315L
Government, 6 hrs	AP Government, 3-5: GOV 310L
Social & Behavioral Science, 3 hrs	AP PSY, ECO, GRG, 3-5
Visual & Performing Arts, 3 hrs	AP Art History or Music Theory, 3-5

Writing Experience



Students must complete a course that is both:
Identified as an intensive writing experience
Outside of the core curriculum



CNS Foundations

Most common:

- **CNS Foundations Clusters**
- **Include NSC 109 Seminars**
- **Course(s) taken by all members of a community**

**Add "99" number first
when you register**

Group of about 20-25 that meets weekly with an Advisor and a Student Mentor

Get to know other people with similar interests

Share 1 or more courses – reserved seats

Informal meeting with a professor, help with registration, study skills information, fun, etc.

Free food

Other Courses That May Be Part Of Your Schedule

- FRI (Research Methods Course)
- UTeach (UTS 101)
- Special programs may require certain courses (Jefferson Scholars, University Leadership Network, Plan II, etc.)
- Elective

Possible Interest in Teaching?

- See Orientation Schedule for several UTeach info sessions and events
- Check out UTeach Palooza on Day 2, 2-3:30 PM on the Painter front lawn
- Visit uteach.utexas.edu for other UTeach information

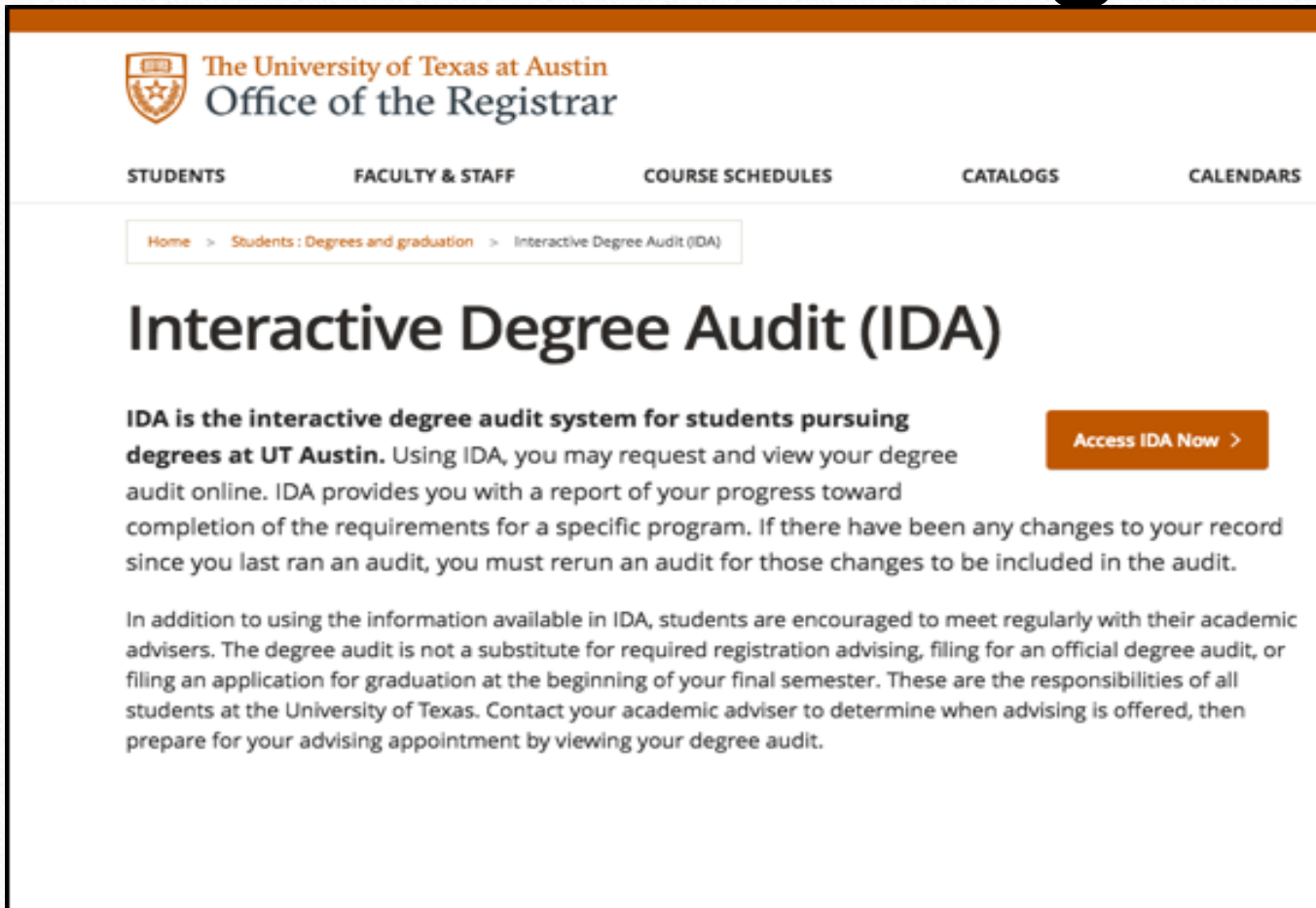
Minors & Certificates

- Only required for BSA degrees
- Optional for other degrees
- Another option for a BSA degree is 15 hrs in a single subject (not in Engineering, Geosciences, CNS, Nursing, or Pharmacy)
- Transcribed minor or certificate: specific guidelines & classes
- Pursuing a minor or certificate does not guarantee access to all classes that can count

<https://cns.utexas.edu/students/degrees-majors-advising/transcribed-certificates>

<https://cns.utexas.edu/students/degrees-majors-advising/transcribed-minors>

Interactive Degree Audit



The screenshot shows the website of The University of Texas at Austin, Office of the Registrar. The header includes the university's logo and name. Below the header is a navigation bar with links for STUDENTS, FACULTY & STAFF, COURSE SCHEDULES, CATALOGS, and CALENDARS. A breadcrumb trail indicates the path: Home > Students : Degrees and graduation > Interactive Degree Audit (IDA). The main heading is "Interactive Degree Audit (IDA)". The text explains that IDA is an interactive system for students to track their progress toward degree completion. It includes a button labeled "Access IDA Now >". A paragraph at the bottom states that IDA is not a substitute for required registration advising and that students should contact their academic adviser for more information.

The University of Texas at Austin
Office of the Registrar

STUDENTS FACULTY & STAFF COURSE SCHEDULES CATALOGS CALENDARS

Home > Students : Degrees and graduation > Interactive Degree Audit (IDA)

Interactive Degree Audit (IDA)

IDA is the interactive degree audit system for students pursuing degrees at UT Austin. Using IDA, you may request and view your degree audit online. IDA provides you with a report of your progress toward completion of the requirements for a specific program. If there have been any changes to your record since you last ran an audit, you must rerun an audit for those changes to be included in the audit.

[Access IDA Now >](#)

In addition to using the information available in IDA, students are encouraged to meet regularly with their academic advisers. The degree audit is not a substitute for required registration advising, filing for an official degree audit, or filing an application for graduation at the beginning of your final semester. These are the responsibilities of all students at the University of Texas. Contact your academic adviser to determine when advising is offered, then prepare for your advising appointment by viewing your degree audit.

Excellent
way to see
how courses
count and
what
requirements
you still have

Registration

Before Registration

- Be thinking about which math course you want to take
- Have a 1-on-1 meeting with an Academic Advisor (Day 2)
- Advisor will provide information about reserved course(s) in your CNS community
- Choose 2-3 more courses (for many, UGS 302 or 303 should be one of these)
- Have back-up courses in mind
- Check your Registration Information Sheet (RIS) for bars

Registration on Day 3

- Attend the majors department meeting in the morning
- Academic Advisors will be available by email; phone or Zoom as needed
- Enter CNS Foundations cluster number first-this will put you in all classes in the cluster

Registration can be stressful, but remember:

We are here to help

You will get what you need (not always exactly what you want)

Things change, especially in August:

- **Use waitlists when you can**
- **Make changes during add & drop periods in August & Sept.**

It's the beginning of your UT adventure!