

*The University of Alabama in Huntsville

“Now, Introduction to Science. What is science? Science comes from the ancient Latin word *scientia*. It’s at this point that you’ll want to start taking notes. *Scientia* means knowledge. And it is there, in ancient Rome, that our story begins.”

With apologies to Dr. Sheldon Cooper
Big Bang Theory - Series 3 Episode 10 - The Gorilla Experiment

- * From major to career
 - * How is a degree built?
 - * How much time will I invest?
 - * How can I get good grades?
- * Break
- * Your advisors
- * Your first semester
 - * What we know about you
 - * What are placements?
 - * How do I build a schedule of courses?
 - * How do I register for classes?
- * Orientation continues with the Week of Welcome.

***Schedule**

SCIENCE

Welcome

Class of 2017

Research

▶ About

▶ Future Students

▶ Current Students

▶ Departments &
Programs

Pre-Health

Advising

Facebook

Twitter

Contact

The College of Science: Come Explore with Us



How much fun can life as a College of Science major be? Check out [this great article](#) on graduating Biology major Nadia Araiinejad to find out.

Incoming freshmen and transfer students: find out what we are doing to make your summer and fall easier on the [Class of 2017 page](#).

Upcoming College of Science Events

Orientation Registration Open

Incoming freshmen and transfer students will be able to register for an orientation session online [here](#) beginning April 1. The dates for this year's orientation sessions are already posted [here](#). Make sure to review our [Class of 2017 page](#).

Monday, August 19: COSmic Beginning Bash

2-3:30pm, Shelby Center Lobby

Join the College of Science for our favorite The Big Bang Theory episodes, mysterious snow cones, the geekiest photo booth on campus, and seriously great prizes. Meet our faculty and students, get your nerd on, and have some fun.

All incoming College of Science freshmen and transfer students are expected to attend...everyone else would be crazy not to.

Why choose the College of Science?

- pioneering research
- career-building co-op & internships
- personalized instruction
- recognized faculty
- ranked & accredited programs
- small classes

* The University of Alabama in Huntsville was ranked No. 1 by The College Database on its list of Alabama colleges with the highest financial return on investment.

* Base line data: Annual tuition, \$8,094; average starting salary of graduates, \$47,800

* onlinecollegesdatabase.org

* 30 year net \$903,500

* payscale.com

*** Best return in Alabama for
your effort**

- * Research in bio-genetic science, biochemistry., medicine, physical therapy, pediatrics, nursing, genetic counseling, biophysics, veterinary medicine, healthcare, anesthesiology, athletic training, nuclear chemistry, artificial intelligence, forensic science, medical research, theoretical physics, game development, software engineering, computer networks, cyber security, military research, aerospace research, radiology.
- * And more interests and not sure.

*** Where you want to go**

* Biology, chemistry, exercise physiology, psychology, nursing, English, earth system science, mathematics, philosophy, business, computer science, physics

* **Where you want to start**

* Your degree

General Education
Including Freshman Year Experience

Major

Minor

Electives

128 Credits Needed to Graduate

* Major

- * A minimum of 36 hours in one program.
- * At least 6 upper level hours at UAH

* Minor

- * If in science, a minimum of 21 hours in one program
- * If outside of science, determined by the program. Often 18 hour minimum.
- * Cognates are allowed with advisor and departmental approval.

*** Your major and minor**

* **Additional requirements**

* **Minimum total credit hours: 128**

* Includes all course work. You will need to have an average of 16 hours per semester (Fall and Spring) to graduate in four years. To be a full-time student, you must have 12 or more hours.

* **Minimum upper-level requirement: 39**

* Includes all course work at 3xx or better

* **Maximum HPE activity hours: 4**

* **Minimum GPA at UAH**

* 2.0 overall

* 2.0 major

* 2.0 minor

* How long will it take to get my degree?

* Credits are not “hours in class”

1 lab credit may equal 3 hours in lab

128 credits are needed to graduate

128 credits/4 years = 32 credits/year

16 credits/semester

(w/o summer courses)

12 credits/semester = full-time student, but would take 5.5 years to get 128 credits

* How should I invest my time?

Your professors expect 2 hours of study for 1 hour in class to fully grasp the material

16-credit schedule =

≥16 hrs/wk in class (1 lab credit = ~3 hours lab time)

+32 hrs/wk studying

≥48 hrs/wk for academics
(full time job)

+20 hr/wk job

(68 hr. week!!!)



* How long is a semester?

* Fall and Spring Semesters

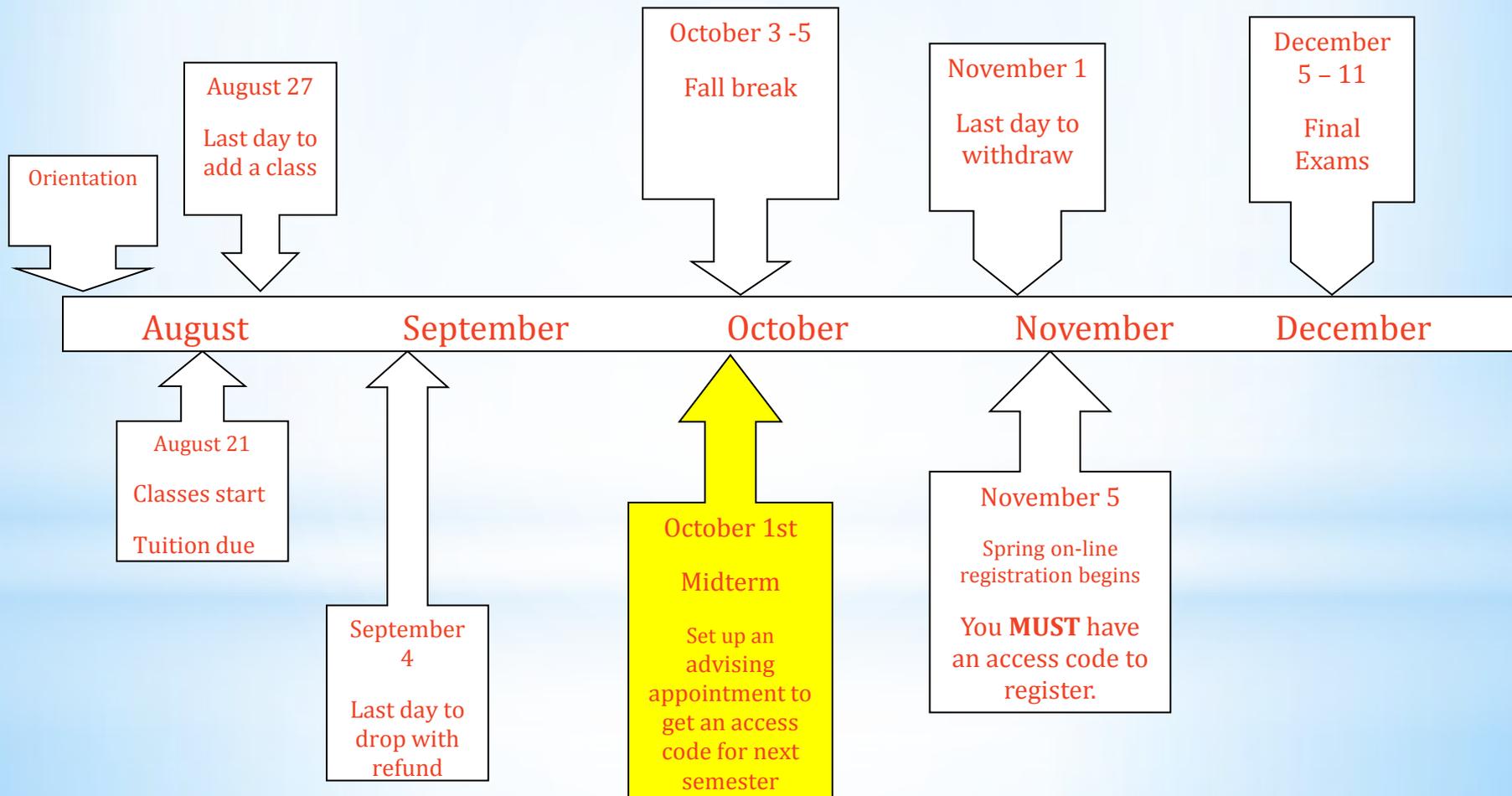
- * 14 wks of instruction
- * 1 wk of final exams

* Summer Term

- * 10 wks (*some* 5 wks)



*Your first semester



* How do I get a good grade?

- ✓ Attend class regularly
- ✓ Be prepared for class
- ✓ Ask questions
- ✓ Meet instructors
- ✓ Get tutoring help
- ✓ Stay caught up, plan ahead, study!
- ✓ Don't take on too much
 - ✓ Too many classes
 - ✓ Too many work hrs
 - ✓ Too many extracurriculars
- ✓ Know deadlines to add or drop courses!





* Student Success Center

* PASS, Tutoring, Coaching, Career Help

* Math Learning Center

* Calculus Workshop

* Writing Center

* Physics Success Center

* Chemistry Tutoring Center

* Computer Science Help Desk

*** Can I get help with my courses?**

PASS course

- *The Peer Assisted Study Session (PASS) provides academic support for students enrolled in specific classes.
- *Classes that offer PASS, have a “P” next to the name of the class in the schedule of classes. Such as:

P 91273 119 02 PRINCIPLES OF BIOLOGY 4.0

- *Benefit: A PASS leader (a student) facilitates group study sessions three times per week.
- *You may attend the PASS sessions for extra help.

* **Built-in help**

* **Go Four** - the four year contract

* Best return on your investment is to finish in 4 years

* Contract to work with advisors to ensure you are on track

* **An incentive for you**

*Questions are Important!



***Questions Matter**

* Nuts, bolts and registration

Back in five!

*Your College advisors

Ms. Morgan Lewis
Materials Science Bldg 206-C
lewism@uah.edu



Ms. Jennifer Bradley
Materials Science Bldg 206-A
jennifer.bradley@uah.edu

Pre-Health Advisor
Ms. Dana Parcher, Shelby 302P
dana.parcher@uah.edu



 **In your
folder**

We know:

- * Your name
- * Listed major
- * ACT/SAT scores
- * Survey information



This helps us to:

- * Determine placement level in Math, Chemistry, and English
- * Make suggestions about courses

*** What we know about you**

There may be more to know:

- * If you did not complete the survey, use the light purple form to let us about classes you have taken or are taking.
- * Tell us about things that might change your placement, AP, dual-enrollment, summer course work, etc.
- * Tell us if you are an NCAA athlete, in Honors program, or are pre-health. Note that there is a special session at 2:05 for Pre-Health and Pre-Law and a special session at 12:45 on the University's Honors Program.
- * Let us know how many hours you can commit to your studies. Let us know whether you intend to have an outside job and if so how many hours you'll work.



* **More to know**

 **What courses
do I take?**

- * Your placement sheet is based on your ACT/SAT scores and the AP, Dual Enrollment, and college transcripts UAH has received.

We use ACT/SAT scores and not high school transcripts because these scores are better predictors of what you can do.

- * You can challenge your placement level by taking the placement exams at 1:30 today or anytime in the summer

- * If your placement may be altered by AP course work, we will provide a path for you tomorrow.

- * If your placement might be altered by dual-credit or summer course work, we will provide the changes tomorrow.

*** Start with placements**

Math ACT	Math SAT	Placement Test	AP Calculus Test Score	Placement	Equivalent Math Course
0-19	200-440	0-44	NA	Level 0	MA 004
20-25	450-550	45-74	NA	Level 1	MA 107, 110, 112
26-28	560-590	75-94	NA	Level 2	MA 113, 115
29-36	600-800	95-120	3	Level 3	MA 120, 171
NA	NA	NA	4 or 5	NA	MA 172

 **Determine math placement**

Chemistry (must be at least a Level 1
Math to start)

CH121 if Level 3 Math

CH 101 if Level 2 or 1 Math

English

EH 101 if ACT 20+ or SAT 490+

EH 101S + EH 100 if not

***Determine other placements**

- * Typically you now have a composition course and a mathematics course. This will be six or seven credit hours.
- * Add a course in your major. This will be another three or four credit hours. You will now have a total of 9 to 11 credit hours
- * Add FYE. You now have a total of 10 to 12 credit hours.

* **Next addition**

* General Education Requirements (GER)

- ❖ English Composition
- ❖ Technical writing
- ❖ Calculus
- ❖ Sciences outside of major and minor
- ❖ One additional science
- ❖ Computer programming
- ❖ Fine arts
- ❖ Literature
- ❖ Public speaking
- ❖ History
- ❖ Social and behavioral sciences
- ❖ There are other GER considerations. We will help you with these when you have your advising appointment for the Spring semester.

- * You can choose
 - * A GER course
 - * A course in the minor
 - * A HPE course
- * This should generate 12 to 16 credit hours.

*** One more addition**

- * You can work on the choices this evening.
- * When you are finished you will have your first course schedule.
- * Bring this tomorrow.
- * We will meet individually with you to discuss your schedule.

*** Course schedule**

*Questions are Important!



***Questions Matter**

* I'm not sure how I'm doing in my class and the last day to drop with a refund is coming up. I will:

- a) Hope I do better toward the end. I'm sure I can get some extra credit.
- b) Just stop going. That way I won't get a bad grade.
- c) Talk to my instructor during office hours. I can get some extra help with things that I don't understand
- d) Withdraw right now. I don't want my instructor to know that I don't understand the material.

* I am not sure of a particular academic policy. I will:

- a) Ask some friends what I should do.
- b) I will try to figure it out myself.
- c) I will pretend that it doesn't matter and it will go away.
- d) I will think about how I would have made the policy and do that.
- e) I will talk to my advisor.

*How will I register?

- ❑ We will review your course schedule with you tomorrow.
- ❑ Many courses have multiple sections. Registration is about picking those sections and times.
- ❑ We will have students to help you use the registration system. You will learn about the system this afternoon.

4:00 Electronic Access Session TODAY

Learn how to:

- * Use Banner <http://register.uah.edu> including, College Scheduler.
- * Update your phone and address.
- * Use Angel <http://angel.uah.edu>.
- * Use your UAH email account <http://google.uah.edu>.

Make sure you ask questions if you have them!

***Technologies for you**

- ✓ We will review any information you provided.
- ✓ We will adjust placements as needed.
- ✓ In special cases, we will construct alternative plans.
- ✓ We will update records.
- ✓ We will build responses to your questions.

***What we will do**

- ✓ If there are modifications to your placements, we distribute new registration worksheets.
- ✓ We will give your responses to your questions.
- ✓ We will check your course plan.
- ✓ We will resolve any remaining issues.
- ✓ You will use College Scheduler and Banner to register for courses.



***What happens tomorrow**

- * You have taken the first step toward your desired career.
- * You have a pathway to that goal.
- * You are ready to register for your first semester.

*** Your first step!**

*Welcome to UAH & The College of Science



Our best wishes!

*Meet us and your
department faculty on
August 19th at WOW
and enjoy a bit of
the Big Bang!*