College of Science
New (2022-2023) Catalog Requirements

SHOULD YOU CHANGE TO THE NEW CATALOG
WHAT IS A CATALOG?

LONG AGO...

(in this galaxy but before you were in college) we had paper catalogs that listed all the requirements for your degree. Now these are online, but the name persists.

catalog.uah.edu
WHAT IS A CATALOG?

Your “Catalog” is the set of requirements in place when you start your degree at UAH. In Degree Works your Catalog year is listed as “Academic Year.”

The newest catalog would be labelled “2022-23” reflecting the academic year it began applying → Fall 2022 through Summer 2023.

catalog.uah.edu
The fine print:

- If a new set of requirements comes out and you like them better, you have the option to change to that catalog. You are not required to change catalogs.

- If you have a double major or dual degree, all of them must have the same catalog year. (So you can’t change to the new catalog in one and not the other.)
COLLEGE OF SCIENCE CHANGES

Changes for the 2022-23 catalog that apply to all College of Science degrees.

► 120 credits minimum (was 128)
► 36 credits minimum must be upper level (300 or 400 level) (was 39)
► 60 transfer credits maximum from 2 year schools (was 64)
► 30 credits minimum must be taken at UAH (was 32)
CONCENTRATIONS

- Concentrations are different areas of emphasis within the major.
- They may require specific Area V and major classes.
- They may also require a specific minor.
- Not all majors require a concentration.
Old options:

- Atmospheric Science/Meteorology
- GIS & Remote Sensing (GIS)
- Human Dimensions & Societal Impacts (HDSI)

New options:

- Atmospheric Science/Meteorology
- Earth System Science (ESS) combines GIS and HDSI concentrations
Old options:

- Biology (no concentration)
- Biochemistry
- Pre-Professional
- Ecology & Evolution
- Microbiology
- Biology with Secondary Education

New options:

- Biology (no concentration)
- Biochemistry
- Pre-Professional
- Ecology & Evolution

Microbiology coursework is still taught.
Secondary Education in Biology is offered through the College of Education.
Old options:

- Chemistry (no concentration)
- Biochemistry
- Pure Chemistry
- Chemical Physics
- Environmental Chemistry
- Chemical Business
- Chemistry with Secondary Education

New options:

- Chemistry (no concentration)
- Biochemistry
- Pure Chemistry
- Chemical Physics
- Environmental Chemistry
- Chemical Business

Secondary Education in Chemistry is offered through the College of Education
No changes to the options:

- Computer Science (no concentration)
- Data Science
- Entertainment Computing
- Web Programming
MATHEMATICAL SCIENCES

Old options:

- Mathematical Sciences (no concentration)
- Mathematical Science with Secondary Education
- Double major or Dual degree in Mathematical Sciences & another discipline

New:

- Mathematical Sciences (no concentration)

Secondary Education in Mathematics is offered through the College of Education
Old options:
- Physics (no concentration)
- Applied & Theoretical Physics
- Optics
- Astronomy & Astrophysics
- Engineering Physics
- Physics with Secondary Education

New options:
- Physics (no concentration)
- Applied & Theoretical Physics
- Optics
- Astronomy & Astrophysics

Secondary Education in Physics is offered through the College of Education
YOU CAN USE DEGREE WORKS TO COMPARE CATALOGS

What is Degree Works?
Degree Auditing program
Provides degree requirements and helps you track progress towards graduation.

Degree Works “What If ” Analysis
A tool that helps you explore options.
WHERE?

1. Login to my.uah.edu
2. Go to “Student Records”
3. Select “DegreeWorks”
Your currently listed degree:

<table>
<thead>
<tr>
<th>Student</th>
<th>College</th>
<th>Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>Degree</td>
<td>Bachelor of Science</td>
</tr>
<tr>
<td>Confidential</td>
<td>Major</td>
<td>Biological Science</td>
</tr>
<tr>
<td>Classification</td>
<td>Level</td>
<td>Undergraduate</td>
</tr>
<tr>
<td>Level</td>
<td>Concentration</td>
<td>Biochemistry - BYS</td>
</tr>
<tr>
<td>Academic Standing</td>
<td>Minor</td>
<td>Chemistry</td>
</tr>
</tbody>
</table>

Degree Progress: 62%
How to find your current catalog year (Academic Year)
Overall degree requirements

- Minimum Degree Credit Hours Required
- Minimum Credits Hours Earned at UAH
- Minimum Credit Hours at the 300 Level or Above
- You meet the 2.0 minimum overall GPA requirement
- Charger Foundations Requirements
- Area V: Pre-Professional Requirements
- Major Requirements
- Graduation Application Not Yet Received
“WHAT IF” ANALYSIS

A no-stakes, noncommittal way for you to explore your options.

Select your primary area of study
- Academic Year: 2022-2023
- Program: BS in Computer Science
- Level: Undergraduate
- Degree: Bachelor of Science
- College: Science

Select your additional areas of study
- Program for additional areas: [pick a Program]
- Major: [pick a Major]
- Concentration: [pick a Concentration]
- Minor: [pick a Minor]
"WHAT IF" ANALYSIS

Specifying the catalog (academic year) is important. (It will default to 2022-23)
"WHAT IF" ANALYSIS

Choose the major, and if desired, minor, and concentration.

<table>
<thead>
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<tbody>
<tr>
<td><strong>Academic Year</strong> 2022-2023</td>
</tr>
<tr>
<td><strong>Program</strong> BS in Computer Science</td>
</tr>
<tr>
<td><strong>Level</strong> Undergraduate</td>
</tr>
<tr>
<td><strong>Degree</strong> Bachelor of Science</td>
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<tr>
<td><strong>College</strong> Science</td>
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<tr>
<th>Select your additional areas of study</th>
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<tbody>
<tr>
<td><strong>Major</strong> Computer Science</td>
</tr>
<tr>
<td><strong>Concentration</strong> Data Science</td>
</tr>
<tr>
<td><strong>Minor</strong> Mathematics</td>
</tr>
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</table>

[Diagram showing the selection process with highlighted options: BS in Computer Science, Data Science, Mathematics]
"WHAT IF" ANALYSIS

Click “Process What If” to see the results

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<td>Academic Year</td>
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<tr>
<td>Computer Science</td>
<td>Data Science</td>
<td>Mathematics</td>
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Select your additional areas of study:

- Program for additional areas
  - (pick a Program)
- Major
  - (pick a Major)
- Concentration
  - (pick a Concentration)
- Minor
  - (pick a Minor)
DEGREE WORKS

Things to remember--

Red box = TO DO
Green checkbox = DONE
Blue wave = In progress
QUESTIONS?

- How long do you have to make this decision?
  There is no time limit, however, it could impact what you take in the next semester.

- Your current concentration is becoming inactive, what do you do?
  All courses will still be taught and you can still get that degree. If you wish to remain in that concentration, you will simply stay in your current Catalog year with its requirements.

- You changed to the new Catalog but then changed your mind. Is it too late to change back?
  It is not too late. You may choose a Catalog from any term that was applied while you were an active student, unless you were inactive for more a year. Contact your advisor for details.
Need more guidance?

Contact the College of Science Advising office

science.advising@uah.edu

ADVISORS HELP YOU UNDERSTAND YOUR DEGREE

We provide the details: Fall only course, spring only course, course sequences, information about specific concentrations, commonly chosen courses, etc. to help you make your academic decisions.
SCIENCE ADVISORS

Jennifer Bradley, Director, Academic Advising

Kristin Hawthorne, Pre-Health Professions Advisor

Jenny Harvard, Sophomore Advisor

Morgan Lewis, Junior Advisor

Matthew Wilson, Senior Advisor

Michelle Brightwell, Freshman Advisor