

College of Humanities, Arts and Sciences

The College of Humanities, Arts and Sciences (CHAS) engages students in high quality educational experiences, preparing them to live and work in our global and diverse world. The college is committed to an emphasis on teaching a broad range of undergraduate majors and well-focused graduate programs. Our scholarship encompasses everything from research and creative activity, to distinguished service to our community, state, professions, and society.

Three interdisciplinary programs are also part of the college: Interactive Digital Studies, a program shared across campus but housed in Communication and Media; Science Education, which offers undergraduate and graduate programs; and Women's and Gender Studies, a campus wide program primarily housed in the College of Social and Behavioral Sciences.

Undergraduate degrees offered by CHAS include the Bachelor of Arts (B.A.), B.A.-Teaching, Bachelor of Fine Arts (B.F.A.), Bachelor of Music (B.M.), B.M.-Teaching, Bachelor of Science (B.S.), and Bachelor of Applied Science (B.A.S.). Graduate degrees available are the Master of Arts (M.A.), Master of Science (M.S.), Master of Music (M.M.), and Professional Science Master's (P.S.M.). In addition, the college serves students across campus with an extensive set of minors, certificates, and UNIFI/General Education, elective, and service courses.

CHAS faculty have engaged students in study abroad programs (including coursework and concert tours, for example) in more than a dozen countries such as China, Ecuador, Ireland, Italy and more. Students also study in our community, actively participating in service learning projects which are often embedded in our coursework.

The College of Humanities, Arts and Sciences is proud of its excellent facilities, including the Gallagher Bluedorn Performing Arts Center. In these facilities, CHAS hosts many applied and extracurricular experiences for community members, CHAS majors and non-CHAS majors that include: music and theatre festivals, speech events, and physics competitions. These activities are in addition to the recitals and ensemble performances of individuals, ensembles, and symphonies in the School of Music, the productions staged by TheatreUNI and Interpreters Theatre, and the art exhibitions organized by the UNI Gallery of Art. Additional opportunities for applied learning and undergraduate research are available in many departments and allow undergraduate and graduate students to work with faculty and staff with modern equipment from day one. Credit and paid internship and employment experiences are found throughout the college. For example, students gain experience in arts management at the Gallagher Bluedorn, work on the *North American Review*, make discoveries in research labs, and televise live sports events.

Career opportunities for CHAS graduates are numerous and diverse, ranging from research scientists, actuaries, teachers, writers, and translators, to professional performers, artists and speech/hearing therapists.

College of Humanities, Arts and Sciences Departments

- Applied Engineering
- Art and Graphic Design
- Biology
- Chemistry and Biochemistry
- Communication and Media
- Communication Sciences and Disorders
- Computer Science
- Construction Management
- Earth and Environmental Sciences
- Languages and Literatures
- Mathematics
- School of Music
- Science Education
- Physics
- Theatre

Undergraduate programs Majors

- Art Studio: B.F.A.
- Art: Art History B.A.
- Art: Studio B.A.
- Art Education - Teaching B.A.
- Automation Engineering Technology B.S.
- Biochemistry B.A. or B.S.
- Biology B.A. or B.S.
- Biology: Biomedical B.A.
- Biology: Ecology, Evolution and Organismal Biology B.A.
- Biology - Teaching B.A.
- Chemistry BA. or B.S.
- Chemistry - Teaching B.A.
- Communication B.A.
- Communication Disorders B.A.
- Communication: Digital Media B.A.
 - Digital Journalism
 - Digital Media Leadership
 - Digital Media Production
- Communication: Public Relations B.A.
 - Special Events
 - Sports Public Relations
 - Strategic Public Relations
- Communication-Theatre - Teaching B.A.
- Composition B.M.
- Comprehensive Secondary Science - Teaching B.A.
- Computer Science B.A. or B.S.

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Construction Management B.S.
Cybersecurity and System Administration B.S.
Earth Science B.A.
Earth Science - Teaching B.A.
Electrical Engineering Technology B.S.
English B.A.
English - Teaching B.A.
Environmental Resource Management B.A.

- Ecosystems
- Environmental Compliance
- Geosystems
- Resource Administration

Environmental Science B.A.
Environmental Science B.S.

- Environmental Earth Science
- Environmental Life Sciences

Graphic Design B.A.
Graphic Technology B.A.
Industrial Management B.A.
Interactive Digital Studies B.A.
Manufacturing Engineering Technology B.S.
Materials Science and Engineering B.S.
Materials Science Engineering Technology B.S.
Mathematics B.A.

- General Mathematics
- Mathematics of Artificial Intelligence

Mathematics: Statistics/Actuarial Science B.A.
Mathematics - Teaching B.A.

- Secondary Mathematics
- Upper Secondary Mathematics

Mechanical Engineering Technology B.S.
Middle Level Science Dual Major - Teaching B.A.
Music B.A.

- General Studies in Music
- Jazz Studies
- Music History
- Music Technology
- Performing Arts Management
- String Pedagogy

Music Education - Teaching B.M.

- Choral/General
- Instrumental/General
- Jazz/General

Performance B.M.

- Instrumental
- Jazz Studies
- Vocal

Physics B.A.

- Computer Science and Data Science
- Custom
- Data Science
- Physical Chemistry

Physics B.S.
Physics - Teaching B.A.
Political Communication B.A.

Spanish B.A.
Spanish - Teaching B.A.
Teaching English to Speakers of Other Languages (TESOL) B.A.
Teaching English to Speakers of Other Languages (TESOL) - Teaching B.A.
Technology and Engineering Education - Teaching B.S.
TESOL/Modern Language - Teaching B.A.

- TESOL/French
- TESOL/Spanish

Theatre B.A.

- Design & Production
- Performance
- Theatre for Youth and Communities

Minors

Air Quality
Art
Art Education - Teaching
Art History
Astronomy
Basic Science (K-8) - Teaching
Biology
Biology - Teaching
Business Communication
Chemistry
Communication
Communication: Digital Journalism
Communication: Digital Media Leadership
Communication: Public Relations
Communication-Theatre - Teaching
Computer Science
Construction Management
Data Science
Deaf or Hard of Hearing - Teaching
Digital Media Production
Earth Science
Earth Science - Teaching
Electrical and Electronics Technology
English: Film Studies
English: Literary Studies
English - Teaching
Environmental Assessment
Environmental Data Analysis
Environmental Earth Science
Geology
Graphic Technology
Hydrology
Interactive Digital Studies
Interdisciplinary Language Studies: French
Jazz Studies
Manufacturing Technology Design
Materials Science and Technology
Mathematics
Mathematics - Teaching
Mathematics (K-8) - Teaching
Metal Casting
Music
Nanoscience and Nanotechnology
Physics
Spanish

Spanish - Teaching
Spanish/English Translation
Sports Communication
Statistics and Actuarial Science
Teaching English to Speakers of Other Languages (TESOL)
Teaching English to Speakers of Other Languages (TESOL) - Teaching
Technology Education - Teaching
Theatre
Writing

Certificates

Chinese Studies
Communication, Community, and Public Advocacy
Computer Science
Computer Science (K-8) - Teaching
Computer Science (5-12) - Teaching
Conflict Resolution
Content Creation
Essential Communication and Media Skills
French Language Studies
General Music
Hispanic Cultures
Industrial Management
Instrumental Performance
International Business, Culture, and Language
International Commerce
Jazz Composition and Arranging
Jazz Performance
Linguistic Studies
Literary Publishing
Museum Studies
Music Composition
Music Technology
Music Theory
Organizational Communication and Inclusive Leadership
Organizational Communication and Training
Physics - Teaching
Post-Colonial and Multicultural Literary Studies
Public Relations in Entertainment
Spanish Language Studies
Spanish for the Professions
Statistical Computing
String Pedagogy
Teaching English to Speakers of Other Languages
Vocal Performance

graduate programs

Majors

Applied Engineering M.S.
• Applied Systems Engineering Management
• Engineering Management
• Information and Electrical Engineering Technology
• Metal Casting
Art Education M.A.
Biology M.S.
Communication and Media M.A.
Composition M.M.
Conducting M.M.

English M.A.
• Creative Writing
• English Studies
• Literature
• English in Secondary and Postsecondary Schools
Industrial Mathematics P.S.M.
Jazz Pedagogy M.M.
Mathematics M.A.
• Actuarial Science
• Community College Teaching
• Mathematics
• Secondary Teaching
Mathematics for the Elementary and Middle Grades (K-8) M.A.
Music M.A.
Music Education M.M.
Music History M.M.
Performance M.M.
Piano Performance and Pedagogy M.M.
Science Education M.A.
Speech Language Pathology M.A.
Teaching English to Speakers of Other Languages (TESOL) M.A.
• Applied Linguistics
• French
• Spanish

Certificates

Applied Systems Engineering Management
Communication Education and Training
Organizational Communication and Inclusive Leadership
Performance, Rhetoric, and Advocacy
Publishing & Literary Arts
Strategic Communication
Visual Communication and Digital Media

Advanced Studies Certificates

Artist Diploma I
Artist Diploma II