BUCHTEL COLLEGE OF ARTS AND SCIENCES PROGRAMS OF INSTRUCTION

Learn more about the undergraduate degree programs of instruction offered by the Buchtel College of Arts and Sciences (https://www.uakron.edu/bcas). For specific curriculum guides for bachelor’s degrees, minors and certificates offered through the College, see review the Undergraduate Curriculum Guides (https://www.uakron.edu/academics_majors/curriculum-guides).

Interdisciplinary and Divisional Programs

Bachelor of Arts in Multidisciplinary Studies

This degree meets the needs of students who have a multidisciplinary academic goal. It expands opportunities for non-traditional students to complete their degrees at The University of Akron by allowing them to combine courses in a structured manner from various colleges to design a program suited to their needs.

Divisional Majors

Biomedical Science

This divisional major provides for a broad background in science suited to students who intend to pursue careers or further education in a health science area. It is an appropriate major for those preparing for admission to professional programs in medicine, dentistry or veterinary science or for those desiring a Liberal Arts degree with a general emphasis in science. Additional coursework may be necessary for those planning graduate studies in a particular science discipline.

Humanities

This divisional major is appropriate for those desiring a Liberal Arts degree with a general emphasis in the humanities. The humanities division consists of the Departments of English (https://www.uakron.edu/english), Modern Languages (https://www.uakron.edu/modlang) and Philosophy (https://www.uakron.edu/philosophy). These disciplines and the disciplines of anthropology (https://www.uakron.edu/anthropology-classics), classical studies (https://www.uakron.edu/anthropology-classics), history (https://www.uakron.edu/history) and the creative and dramatic arts (art, music, theatre arts) are included in a prescribed manner in this divisional degree.

Natural Sciences

This divisional major provides for a broad background in science with planned concentration in selected areas. It is an appropriate major for those preparing for admission to professional programs in medicine, dentistry or veterinary science or for those desiring a Liberal Arts degree with a general emphasis in science. Additional coursework is often necessary for those planning graduate studies in a particular science discipline. The natural sciences division consists of the Departments of Biology (https://www.uakron.edu/biology), Chemistry (https://www.uakron.edu/chemistry), Geosciences (https://www.uakron.edu/geology), Mathematics (https://www.uakron.edu/math), Computer Science (https://www.uakron.edu/computer-science), Statistics (https://www.uakron.edu/statistics) and Physics (https://www.uakron.edu/physics).

Social Sciences

This divisional major is appropriate for those desiring a Liberal Arts degree with a general emphasis in the social sciences. The social sciences division consists of the Departments of Anthropology (https://www.uakron.edu/anthropology-classics), History (https://www.uakron.edu/history), Political Science (https://www.uakron.edu/polisci), Psychology (https://www.uakron.edu/psychology), Sociology (https://www.uakron.edu/sociology), Public Administration and Urban Studies (https://www.uakron.edu/paus) (graduate program only) and the School of Communication (https://www.uakron.edu/schcomm).

Students may select a general divisional major that includes these units or one of two specialized tracks:

- **Social Sciences — PPE Track**: The Social Sciences division PPE track consists of courses from the departments of Philosophy (https://www.uakron.edu/philosophy) and Political Science (https://www.uakron.edu/polisci).
- **Social Sciences — PSP Track**: The Social Sciences division PSP track (Understanding Ourselves and Others) consists of courses from the departments of Philosophy (https://www.uakron.edu/philosophy), Sociology (https://www.uakron.edu/sociology), and Psychology (https://www.uakron.edu/psychology).

Bacc/M.D. Program

Introduction

The Bacc/M.D. program is a partnership wherein current UA students apply for provisional admission to NEOMED in their sophomore year of college. Each year NEOMED will admit up to 35 UA students into the Bacc/M.D. program.

Phase 1 is the undergraduate portion of the partnership. UA students may pursue any of UA’s degree programs; however, it is recommended that students pursue the Bachelor of Science in Biomedical Science under the Biology department. This coursework meets the NEOMED admission requirements and focuses chiefly on studies in the humanities, social studies, and all basic premedical sciences to prepare students for the medical school curriculum. After students apply to NEOMED in their sophomore year and are provisionally admitted to the Bacc/M.D. program, they complete their UA degree requirements, maintain the required grade point averages, achieve the required scores on the Medical College Admission Test (MCAT), and meet all other standards of readiness for medical education during their junior and senior years before being promoted directly to NEOMED for Phase 2 of the Bacc/M.D. program.

Phase 2 consists of a four-year medical school course of study, at the NEOMED campus and at selected clinical campuses, leading to the M.D. degree.

Fine Arts Division

7100: Art Degrees

- **Bachelor of Arts: Studio Art Option**
  - The Bachelor of Arts Studio is an interdisciplinary, liberal arts degree, in which students are permitted to self-design the required suite of 42 studio electives around their interests in varying media within the School of Art. BA Studio Art Majors must complete a Minor Area Course of Study, two years of a foreign language, or five courses in American Sign Language.

- **Bachelor of Arts: Art Education with P-12 Visual Arts Licensure**
  - The Art Education program in the Mary Schiller Myers School of Art consists of a core curriculum of theory and practice that prepares students to work in a variety of organizational settings, from museums to recreational centers.
• Bachelor of Fine Arts: Emphasis in Ceramics
  • The Ceramics curriculum is structured to assure that students learn design and problem-solving as well as the importance of ceramic objects of all kinds to those who view them or participate in using them. The understanding of the historical and cultural meaning of ceramic materials and objects is fundamental to students staking a claim to making their own contributions to the field.
• Bachelor of Fine Arts: Emphasis in Graphic Design
  • Graphic Design is the largest program within the Myers School of Art. It is a professional program for students pursuing careers in the expanding multidisciplinary field of visual communication design. Critical thinking and logical problem solving in print, web and interactive media are emphasized.
• Bachelor of Fine Arts: Emphasis in Jewelry & Metalsmithing
  • The Jewelry & Metalsmithing program offers students a foundation in traditional and contemporary jewelry making and metalsmithing practices, while also emphasizing conceptual thinking, innovation in design, and refined craftsmanship. Students acquire an understanding of new technologies, investigate alternative materials, and gain insight into the history of the field. The program may be pursued from a fine artist, designer, or craftsman’s perspective, and prepares students for a variety of careers in fine art, industrial or entrepreneurial settings.
• Bachelor of Fine Arts: Emphasis in Painting/Drawing
  • The Painting and Drawing program emphasizes that we are a community of people and ideas. Faculty and students are united in fostering curiosity and shared work ethic. Students explore studio work that demonstrates individual expression, critical thinking, and an awareness of art’s historical and contemporary issues.
• Bachelor of Fine Arts: Emphasis in Photography
  • The Photography program provides in-depth experience in black and white and color fine art photography utilizing film and digital technologies as well as commercial photography and alternative approaches to the medium. Technical mastery and advanced conceptual thinking are emphasized, along with a solid grounding in historical and contemporary issues.
• Bachelor of Fine Arts: Emphasis in Printmaking
  • The Printmaking program is centered upon a dynamic investigation into the meaning of printed matter and the production of multiples in our complex world. Students energetically examine the visual and expressive potential of fine art printmaking while developing theoretical grounding in the historic context and contemporary applications of printmaking.
• Bachelor of Fine Arts: Emphasis in Sculpture
  • The Sculpture program provides a solid grounding in a wide variety of conceptual, technical and formal approaches for the creation of sculpture to enable students to explore and communicate their individual artistic concerns. The curriculum is designed to introduce students to the almost limitless possibilities of contemporary sculpture.

7500: Music

Degrees
• Bachelor of Arts: The Bachelor of Arts program is intended as a cultural course or as a preparation for graduate study but not as preparation for a performance or teaching career
• Bachelor of Music:

• Performance (emphasis in accompanying)
• Performance (emphasis in brass)
• Performance (emphasis in piano)
• Performance (emphasis in strings)
• Performance (emphasis in voice)
• Composition
• Jazz Studies
• Music Education
  • Band-Wind and Percussion Instruments
  • Orchestra-String Instruments
  • Choral-General Music

Students wishing to major in music must complete the standard undergraduate application for admission and return it to the Office of Admissions (https://www.uakron.edu/admissions). A student cannot be formally admitted to the School of Music (https://www.uakron.edu/music) until admitted to the University.

To be accepted as a music major, both freshmen and transfer students must successfully complete an audition on their major applied instrument, complete The Undergraduate Placement Examination in Music Theory, and be evaluated in keyboard skills. Prospective students should contact the School of Music (https://www.uakron.edu/music) for information on specialized programs, as well as dates and times for The Undergraduate Placement Examination in Music Theory.

A student receiving a grade below “C” in a required music course must repeat the course. Music Education majors receiving a grade below “C” in a required music course must repeat the course.

Changing Major Instruments
A student may later change his declared major instrument after being admitted to the School of Music (https://www.uakron.edu/music), but must then audition and satisfy all requirements for the new area as an entering student.

Applied Music Requirements

Studio Study (Private Lessons) - Skill in at least one major area of performance must be progressively developed to the highest level appropriate to the student’s major. All students majoring in music are required to enroll in applied music on their declared major instrument every semester. A performance major in the Bachelor of Music program must enroll for four credits in applied music each semester which equates to a one-hour lesson or two half-hour lessons each week. All other students enroll for two credits in applied music on their declared major instrument each semester which equates to a half-hour lesson each week.

Because of the tutorial nature of applied music study, there is an additional fee for applied music registration beyond the normal credit-hour tuition and general service fee.

The offering of applied music instruction is dependent upon the availability of instructors. Although students may request study with a given instructor, the audition does not guarantee study with a particular member of the faculty. The priority for assignment is as follows: 1) collegiate music majors; 2) music minors; 3) non-music majors who are members of University performing ensembles; 4) pre-college students in the high school/college program of the School of Music (https://www.uakron.edu/music); and, 5) all others.
Students will not be eligible for applied music study if: 1) they fail to pass the entrance audition; 2) a particular instructor’s studio is full; 3) the quality of work demonstrated is judged unacceptable by the applied instructor; or 4) faculty in the student’s applied area conclude on the basis of a jury that a continuation of applied study is not merited. Students in the studio are expected to exhibit a mature attitude and productive behavior.

Levels of Applied Music Study
The study of applied music is divided into seven course levels. These conform to levels of proficiency and the requirements of the various degree programs. Entrance to applied music is by audition. Advancement in level is by promotional jury examination only.

7520:000 Level for elective credit in non-music programs, pre-college adults, preparatory program enrollment, and for correcting deficiencies before permission is granted to enroll at the 100 level. Credits in applied music at this level cannot be counted toward any degree requirements in music.

Music majors may apply a maximum of eight credits from any of the following levels to their degree program. A maximum of 32 credits may be counted toward degree requirements.

7520:100 - Freshman level
7520:200 - Sophomore level
7520:300 - Junior level
7520:400 - Senior level

Minimum Performance Levels Required by Degree Program
- Bachelor of Arts - Eight credits and completion of the 200 level in the primary applied performance area. No recital is required.
- Bachelor of Music in Performance Major — Thirty-two credits and completion of the 400 level in the primary applied performance area. A junior recital is required at the 300 level. A full senior recital is also required.
- Bachelor of Music in Composition Major — Sixteen credits and completion of the 200 level in the primary applied performance area. A full senior composition recital is required.
- Bachelor of Music in Music Education — Sixteen credits and completion of the 300 level in the primary applied performance area. A half senior recital is required.
- Bachelor of Music in Jazz Studies — Sixteen credits and completion of the 200 level in the primary applied performance area; additional completion of the 100 level in flute and clarinet for saxophone majors and the 200 level in classical guitar for electric guitar majors. A full senior recital is required.

Jury System in Applied Music
A promotional jury is the only way in which a student may advance from one course level to another. Each music major may take a promotional jury in his/her primary applied performance area once each year, after two semesters of study, and/or after the minimum number of credits is attained. However, a faculty member may require a student to take additional semesters of study prior to a promotional jury.

Each applied area is empowered to terminate applied study, and applied study will be terminated after three attempts at the same promotional jury level. A promotional jury may be used by a student studying applied music at the 000 level as an audition to the 100 level.

Applied Repertory of Study
Each applied music section (brass, composition, guitar, keyboard, percussion, piano, strings, voice, and woodwinds) has a published repertory of study requirements for each of the course levels. These requirements are available from the Applied Area Coordinator, individual applied instructors, and the School of Music (https://www.uakron.edu/music) office.

Studio Classes
Each music major is required to attend the weekly 50-minute class taught by his applied instructor. Attendance at studio class is part of the requirement for applied music study, and reflects in the student’s grade in applied music. Performances in studio class are determined by the student’s applied instructor.

Sectional Recitals
Each applied section holds a sectional recital each week. Attendance by students studying in the section is required. Performances in sectionals are determined by the student’s applied instructor and area coordinator.

Applied Study for Non-music Majors
Non-music majors may enroll for applied music with the permission of the individual applied instructor or the area coordinator, whichever is appropriate to the area of study. Acceptance for studio study is based upon an audition, usually given the first week of classes. Only students who meet applied studio standards will be accepted for applied instruction.

Recital Attendance Requirements
Bachelor of Music majors are required to enroll and receive credit for eight semesters of 7500:157 Student Recital. Bachelor of Arts music majors are required to enroll and receive credit for four semesters. 7500:157 Student Recital carries no academic credit and has no fee. Further information on the attendance requirement is available in the School of Music office.

Ensemble Requirement
Enrollment in all ensembles requires permission of the instructor.

Major Conducted Ensemble Requirement
Students who are music majors must enroll for eight semesters in a major conducted performance ensemble on their declared major instrument. Guitar and keyboard majors should refer to the Memo of Agreement for specific ensemble requirements. Auditions for membership are held each year and occasionally each semester. All music majors are required to enroll in the major conducted ensemble as assigned by faculty and appropriate to their primary performance area every fall and spring semester.

Students pursuing a Bachelor of Music major in Performance, Theory, Composition, and Music Education must complete a minimum of eight semesters. However, keyboard majors in Music Education may substitute one year of a major choral ensemble in place of a Keyboard Ensemble. Four semesters are required for Jazz Studies majors, music minors, and those pursuing the Bachelor of Arts degree in music. Students who do not complete degree requirements within eight semesters must continue to enroll in a major conducted ensemble each semester until all graduation requirements are met, except during the semester when student teaching.

Major conducted Ensembles include: Concert Choir, Guitar Ensemble, Keyboard Ensemble, Concert Band, Symphonic Band, University Band, and University Symphony Orchestra.
Non-major Conducted Ensemble Requirement
Non-major conducted ensembles may be taken in addition to, but not instead of, major conducted ensembles. Jazz Studies majors are required to complete eight credits in jazz ensembles in addition to four semesters of major conducted ensembles. Non-major conducted Ensembles include: the Akron Symphony Chorus, Brass Choir, Chamber Orchestra, Instrumental Ensembles, Jazz Ensemble, Jazz Lab Band, Madrigal Singers, Marching Band, New Music Ensemble, Steel Drum Band, Blue and Gold Brass (Basketball Band), and Opera/Lyric Theatre.

Unconducted Ensembles
Unconducted ensembles may be taken in addition to, but not instead of, major conducted ensembles. Unconducted ensembles include: Brass Ensembles, Jazz Combos, Mixed Ensembles, Percussion Ensembles, String Ensembles, Vocal Ensembles, and Woodwind Ensembles.

Ensemble credit is repeatable.

Minimum Proficiency Requirements in Keyboard and Voice
All music majors must meet minimum proficiencies in keyboard and voice. Keyboard proficiency is met by successfully completing required Theory and Harmony I and II and passing a final keyboard examination. Vocal proficiency is met by successfully completing required Theory and Musicianship courses.

7800: Theatre Degrees
• Bachelor of Arts: The Theatre Program is currently not accepting majors into the program. All UA students are welcome to take theatre courses as electives and are encouraged to participate in theatre production activities as part of their Akron Experience.

7900: Dance Degrees
• Bachelor of Fine Arts: The BFA dance major is designed for the student who wishes to pursue professional training in dance through an emphasis in ballet and modern dance techniques. This program offers extensive training in technical, performing and choreographic skills and is supported by a core of coursework in dance history, pedagogy, and physical analysis. The BFA in Dance prepares students for performing, graduate studies in performance and choreography, fields related to dance such as arts administration, dance history, physical therapy, dance therapy, dance education, or dance ethnology, as well as teaching in private studios.

Placement into the dance program for the first year of study as a probationary dance major is by audition only. Promotion in levels of dance techniques is by receipt of a "B+" grade or better for one semester for advancement from Ballet IV to V to VI to VII to VIII respectively, and by receipt of a "B" grade or better for one semester in all other technique classes.

To be admitted to the BFA degree program in Dance in the School of Dance, Theatre and Arts Administration (https://www.uakron.edu/dtaa), students must complete one year of study as a probationary dance major, demonstrate acceptable work habits, pass the Freshman Jury and Interview and maintain a 2.785 GPA in all dance classes. All students are required to be enrolled in a dance technique class each semester until they satisfy their technique requirements. Completion of two semesters of Ballet V is required for the BA in Dance Studies.

Humanities Division 3200: Anthropology and Classical Studies
3200: Classics; 3230: Anthropology; 3240: Archaeology Degree
• Bachelor of Arts in Interdisciplinary Anthropology
  • Archaeological Concentration
  • Biological Concentration
  • Cultural Concentration
  • Classical Studies Concentration

This interdisciplinary program allows students the flexibility to construct a program of study tailored to their interests in cultural anthropology, biological anthropology or archaeology.

3300: English Degree
• Bachelor of Arts
  • Our course of study of literature, language, rhetoric, and creative writing fosters the development of critical thinking, skilled communication, appreciation of cultural contexts, informed citizenship, and knowledge of the various literary texts representing human thought and inquiry through the centuries. Students majoring in English studies go on to become successful professionals in their chosen fields. Graduates have taken the department's reputation into the world outside the campus gates and hold careers ranging from positions in successful law practices, to jobs as published authors, technical writers, and journalists.
Statement of Policies—Admission and Graduation
For students enrolled at The University of Akron and for students wishing to transfer directly into Buchtel College of Arts and Sciences (https://www.uakron.edu/bcas) from other institutions, the following criteria must be satisfied for admission to the Department of English (https://www.uakron.edu/english):

- The student must be admissible to Buchtel College of Arts and Sciences (https://www.uakron.edu/bcas)
- The student must have a minimum grade point average of 2.20 in all university coursework

In order to graduate with an English major, the following requirements must be satisfied:

- The student must achieve a grade of C- or higher in all these required courses:
  - 3300:300 Critical Reading & Writing;
  - 3300:301 English Literature I;
  - 3300:315 Shakespeare: The Early Plays or 3300:316 Shakespeare: The Mature Plays;
  - 3300:341 American Literature I;
  - 3300:371 Introduction to Linguistics and
  - 3300:492 Senior Seminar
- The student must earn a cumulative grade point average of 2.20 in English courses

3500: Modern Languages
3501: Arabic; 3502: Chinese; 3510: Latin; 3520: French; 3530: German; 3550: Italian; 3560: Japanese; 3570: Russian; 3580: Spanish

Degree
- Bachelor of Arts
  - The Department of Modern Languages (https://www.uakron.edu/modlang) is committed to preparing all University of Akron students to succeed in the global economy and to become productive and engaged global citizens. Our students achieve linguistic competencies and multicultural literacies, develop critical-thinking and problem-solving skills and connect with diverse local, national, and international communities.
  - Spanish
    - The Spanish Major is designed for those students who are interested in developing their skills in the Spanish language and in gaining a broader perspective on and a deeper understanding of Spanish-speaking countries in Europe and Latin America. Spanish is the second-most commonly spoken language after English within the United States, and in today’s economy, getting a good job within any customer service-related industry is greatly enhanced by the ability to speak Spanish.

3600: Philosophy

Degree
- Bachelor of Arts

Philosophy is the process and practice of thinking—clearly, critically, logically, and rationally. It involves questioning issues and beliefs, identifying and analyzing arguments, examining foundations and motives for determining what is right and wrong, and distinguishing between good and bad reasoning. Philosophy enlarges the mind, enriches the intellectual imagination, and introduces new ways of thinking—a necessary component for any career and an excellent preparation for graduate school and law school.

Natural Sciences Division
3100: Biology

Degree
- Bachelor of Science

Biology is the fastest-growing field of science today and its impact is carried to many fronts: medicine and health care; the environment and climate change; and global food sources. A degree in Biology can prepare a student for professional schools, such as medical, dental, veterinary and pharmacy. Alternatively, in collaboration with the College of Education, the degree can prepare a student to teach high school biology. Graduates with Biology degrees from UA become physicians, dentists, pharmacists, veterinarians, and university professors, as well as conducting a variety of biological research in firms such as Envirosence, Battelle Memorial Institute, Ohio EPA, Ohio Nature Conservancy, and Ohio DNR. UA students gain experience in these areas through research opportunities in academic laboratories, internships with local businesses, and with co-ops.

3150: Chemistry

Degrees
- Bachelor of Science
- Bachelor of Science in Chemistry - Polymer Option (degree certified by the American Chemical Society)
- Bachelor of Arts
- Bachelor of Science in Biochemistry
- Bachelor of Science in Chemistry/Master of Science Polymer Science (B.S./M.S. Polymer)

Chemistry is an experimental science that seeks to understand the structure and function of molecules. Chemists synthesize new materials, and study their properties and how they interact with other compounds. The B.S. degrees offered by the department prepare students for independent laboratory work and research. The B.A. degree is less strongly focused on research and prepares students for professional degrees like medicine, dentistry and pharmacy.

Admission, Retention and Graduation
- The student must maintain a minimum 2.00 grade point average
- The student must obtain a grade of C- or better in all required chemistry courses

Degree
- Bachelor of Science Polymer Chemistry/Master of Science Polymer Science (B.S./M.S. Polymer)

Introduction
In Northeast Ohio, there is a growing demand for professionals trained in polymer chemistry. The polymer industry is one of the major industrial sectors of the economy of Ohio. The BS/MS Polymer Chemistry degree was instituted to prepare students for jobs in this area. The program provides a quality undergraduate science degree coupled with a graduate degree from one of the premier polymer programs in the country.

Students who are admitted to this program can complete the undergraduate phase of the course of study in three years and then immediately begin graduate studies in polymer science. Under rare circumstances, a student can complete the undergraduate phase in four years after approval of the advisers. A student not proceeding to the graduate program in Polymer Science may complete the
degree requirements for the BS Natural Sciences - Polymer Chemistry Concentration.

Students earn a Bachelor's degree in Natural Science from the Buchtel College of Arts and Sciences (https://www.uakron.edu/bcas) that is heavily weighted toward chemistry. They will be assigned an adviser in the Department of Chemistry (https://www.uakron.edu/chemistry) and a co-adviser in the Department of Polymer Science (https://www.uakron.edu/cpspe) who will advise them throughout their undergraduate program. Once the undergraduate degree is completed students begin studies to earn a Master's of Science from the College of Polymer Science and Polymer Engineering (https://www.uakron.edu/cpspe) that will require two years of courses and research.

**Admission, Retention, and Graduation**

- Honors Students who express interest will be admitted into the 3+2 program after an interview
- Students must have a 3.70 grade point average in all undergraduate science and math classes at the end of the first semester in the third year
- Students who earn a grade less than a C- in any required science or math class will have to repeat the course and earn a grade of C- or better

**Cooperative Education Program in Chemistry**

Qualifications

Arrangements for entry into the program are on an individual basis and are initiated by the student during the second year of undergraduate study. Full-time B.S. chemistry majors at The University of Akron must meet the following requirements:

- Satisfactory completion of 60 credits with a quality point average of at least 2.3 in chemistry courses and on schedule in their curriculum.
- Acceptance by a cooperative education coordinator or director following a series of interviews
- Part-time students must have completed 60 credits with a 2.3 average and be on schedule in their curriculum
- Transfer students must have preparation equivalent to the minimum requirements for The University of Akron students and must have completed at least one semester of full-time study at The University of Akron.

Placement in an industrial or other position is not guaranteed, and foreign students should recognize that many companies require U.S. citizenship or possession of a permanent visa. In any case, final acceptance of a student for any position is the decision of the employer.

**Schedule**

The work-study schedule for students in the co-op program is as follows:

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**Admission to Program**

Interested students should attend a Cooperative Education orientation session. Students will be expected to remain with their employer for all co-op work periods in order to provide a progression of experience and responsibility. Employment must have approval of the department and the Cooperative Education director, but the University does not guarantee employment.

**Registration**

Students register for Cooperative Work Periods in the same manner that a student registers for any other University courses. The course is: 3000:301 Cooperative Education.

A registration fee for each work period is charged to offset the expenses of administering the Co-op Program. Upon completion of a work period, a statement will appear on the student’s official transcript listing the course number and title. In place of a grade, “credit” or “no credit” will be given, depending upon the student’s satisfactory or unsatisfactory completion of the following:

- Work performance as evaluated by the employer
- Submission of a written Work Report and its approval by the Cooperative Education staff
- Submission of a Cooperative Work Period Summary Form

**3460: Computer Science**

**Degrees**

- Bachelor of Science in Computer Science (System Track)
- Bachelor of Science in Computer Science (Management Track)

**Admission to Computer Science Major**

The student must have completed 30 credits and have the approval of the Dean of the College. In addition, the student must have completed:

- 3450:208 Introduction to Discrete Mathematics,
- 3460:209 Computer Science I,
- 3460:210 Computer Science II and
- 3450:221 Analytic Geometry-Calculus I.

**3370: Geosciences (encompassing Geology and Environmental Science)**

**Degrees**

- Bachelor of Science
  - Geology
  - Geophysics
- Bachelor of Arts
  - Earth Science Track
  - Environmental Science Track

Geoscientists focus on problems related to how the Earth works, and our students are given opportunities to build the skills necessary for understanding the Earth System. Through a variety of field and laboratory experiences, our curriculum emphasizes hands-on learning. Students may find employment opportunities in the Earth resources, environmental consulting, the government sector, or a variety of other career paths.

**3450: Mathematics**

**Degrees**

- Bachelor of Science in Applied Mathematics
- BS/MS Program in Applied Mathematics

**BS/MS Program in Applied Mathematics**

This is an accelerated five-year BS/MS program. After successfully completing this program, a student will receive a bachelor's degree in either mathematics or applied mathematics, as well as a master's degree in applied mathematics. Under the supervision of a faculty adviser, a
student in the program will finish the core course requirements and most of the electives for the bachelor’s degree in the first three years. During the third year of the baccalaureate degree, a student will formally apply to the program through the Graduate School (https://www.uakron.edu/gradsch). Upon acceptance, a student will be cleared to complete the remaining electives of the bachelor’s degree and 30 credits of graduate work for the master’s degree in the last two years. A student will be eligible for a graduate assistantship only in these last two years and must be registered for at least nine credits in each of those semesters.

Cooperative Education Program: Mathematics or Applied Mathematics
The work-study schedule for a student participating in the Cooperative Education Program is as follows:

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Admission
Arrangements for student entry into the program are on an individual basis, and must be initiated by the student during the second year of undergraduate study. The Cooperative Education Program is an optional program available only to all full-time mathematics or applied mathematics students at The University of Akron who have satisfactorily met the following requirements:

- Sixty credits with a grade-point average of at least 2.00 out of a possible 4.00 in the program curriculum and be on schedule in the curriculum
- Acceptance by a cooperative education coordinator or director following interviews
- A transfer student must complete 16 credits of academic work at The University of Akron with a grade-point average of at least 2.00 out of a possible 4.00 and be on schedule in the program curriculum.

A student who desires to participate in the program will fill out a Personal Data form and submit it to the department chair. The student will then meet with a member of the cooperative education staff to discuss the availability of prospective employers. During this interview, the student will be asked to sign a Cooperative Educational Agreement and a grade release form which will become effective upon employment. Employment must be coordinated or have approval of the department and the cooperative education director. The University does not guarantee employment for the student. The student will be expected to remain with the employer for all cooperative work periods in order to provide a progression of experience and responsibility.

Registration
While no academic credits are assigned, each student must register for 3000:301 Cooperative Education 3000:301 Cooperative Education in the same manner that a student registers for any other University course. See department adviser before enrolling for this course.

A cooperative program fee for each work period is charged. Upon completion of a work period, a statement will appear on each student’s official transcript listing the course number, title and name of the employer. In the place of a grade “credit” or “no credit” will be given, depending upon the student’s satisfactory or unsatisfactory completion of the following:

- Work performance as evaluated by the employer
- Written work report as approved by department chair and cooperative education staff
- Cooperative Work Period Summary form

Usually, work progresses satisfactorily on the job and a grade of “credit” is assigned at the end of the semester. If all the above conditions are not met, a grade of “no credit” will be submitted.

3470: Statistics

Degrees
- Bachelor of Science, Statistics
- Bachelor of Science, Statistics/Actuarial Science

The BS Statistics program prepares students to enter the workforce or pursue graduate studies. Students learn how to use numerical information to solve problems in a wide variety of fields, ranging from business and industry to medical research.

In addition to providing students with a solid background in Statistics, the Actuarial Science option prepares students for careers in the actuarial field.

Social Sciences Division

2200: Early Childhood Development

Degree
- Associate of Science in Early Childhood Development

This program prepares students for employment in a variety of staff positions in child care centers, nursery schools, and Head Start programs that service infants, toddlers, and pre-Kindergarten children. Graduates can be classroom assistants or head teachers, run their own center or be a center administrator.

7600: Communication

The School of Communication offers students a liberal arts education combined with professional and practical experience to meet the social, professional and personal challenges of the 21st century marketplace. Steeped in the tradition of free, accountable, and effective expression of thoughts and ideas, the broad-based curriculum equips students to think critically, write and speak eloquently, work in groups effectively, develop creatively, act ethically and interface proactively with converged media platforms.

Students choose from three academic concentrations: Strategic and Organizational Communication, Public Relations and Media Studies. Additionally, students are encouraged to participate in internships that lead to careers in media, business, sales and marketing, public relations, journalism and conference planning.

Additional information about the school, its faculty and its programs is available at http://www.uakron.edu/schlcomm

Requirements for transferring into the School of Communication:

- Admission to the Buchtel College of Arts and Sciences (https://www.uakron.edu/bcas) and a 2.5 GPA or above

Degree
- Bachelor of Arts in Communication
Concentrations within the School of Communication are listed below:

• Public Relations Concentration
• Strategic and Organizational Communication Concentration
• Media Studies Concentration

Exit requirement
To graduate with a degree from the School of Communication, a student must attain a minimum 2.0 GPA overall, a minimum 2.30 GPA for all courses taken in the School of Communication and have passed

• 7600:105 Introduction to Public Speaking/7600:106 Effective Oral Communication,
• 3300:111 English Composition I,
• 3300:112 English Composition II,
• 3300:113 African American Language and Culture I: College Composition or
• 3300:114 African American Language and Culture II: College Composition

with a “C” or better.

3400: History

Degrees

• Bachelor of Arts in History

In addition to the knowledge conveyed through the study of the past, students of history obtain practical skills that empower them no matter what career direction they take. History students learn to read widely and critically. They develop analytical and writing skills and gain experience with oral communication, all of which can be employed in any career or profession. Tens of thousands of attorneys, teachers, civic and business leaders, military professionals, and others have developed successful careers as a result of their decision to study history. The intellectual skills and cultural sensitivity that history teaches can be applied in all walks of life. People who study history learn to ask questions, think for themselves, and become better citizens.

3700: Political Science

Degrees

• Bachelor of Arts
• Bachelor of Science in Political Science/Criminal Justice

Successful graduates of this program go on to graduate or law school, manage campaigns, run for office, work in state and local government or for various federal government agencies, including the U.S. Marshall’s Office, U.S. State Department, Federal Bureau of Investigation, Environmental Protection Agency, and Amnesty International.

Statement of Policies – Admission
For students enrolled at The University of Akron and for students wishing to transfer directly to Buchtel College of Arts and Sciences from other institutions, the following criteria must be satisfied for admission to the Department of Political Science and

• The student must be admissible to Buchtel College of Arts and Sciences
• A minimum grade point average of 2.20 must be met in all university work, including transfer credits
• A minimum grade point average of 2.20 must be met in all work in Political Science, including university and transfer credits. Only credits earned at an accredited institution of post-secondary education, as recognized by The University of Akron, will be considered for transfer credit, and only those grades will be considered in the grade point average.

Retention
Students in the Political Science programs must maintain a minimum grade point average of 2.20 overall and a minimum of 2.20 grade point average in Political Science courses (including transfer credit) in order to remain in the program. A student who fails to maintain the 2.20 cumulative average (including transfer credit) will be placed on academic probation. Failure to raise the average after one semester will result in dismissal from the program. The student may not apply for readmission for at least one semester.

3750: Psychology

Degree

• Bachelor of Arts

Psychology majors learn about human and animal behavior, and are prepared for diverse careers in health, business, industry, and research. The Department of Psychology offers an extensive and varied curriculum coupled with an active faculty and student-driven research program that develops the analytical and problem-solving skills desired by employers and graduate programs. The academic background and applied experiences provided by the major enable students to seek regional postgraduate employment and successfully compete for graduate school opportunities leading to advanced degrees.

3760: Family and Child Development

Degree

• Bachelor of Arts
• Family Development
• Child Development

Students in the Family Development and Child Development programs complete coursework in early childhood, adolescence, curriculum development, parent-child relations, families living in poverty, consumer education, marriage and family relations, family financial management, and much more. Faculty members personally advise every student and help them maximize their degree by adding possible minors and certificates to their program. Students in both programs complete a 200-hour internship experience which gives them the opportunity to work with professionals and apply their academic knowledge to real-world settings.

3800: Criminal Justice Studies

Degrees

• Associate of Science
• Criminal Justice Technology
• Criminal Justice Technology - Corrections
• Criminal Justice Technology - Law Enforcement
• Criminal Justice Technology - Public Safety and Security Administration Technology

The Criminal Justice program develops critical thinking, problem solving techniques, effective communications and the ability to use technology while examining crime and the methods used to prevent it, as well as investigate and punish those who violate the law. It provides a
professional perspective of the Criminal Justice field, including policing, corrections and security administration.

3850: Sociology

Degrees
- Bachelor of Arts
- Sociology
- Sociology/Criminology & Law Enforcement

Sociology graduates obtain positions in local, state, and federal law enforcement; in non-profit organizations related to health care, community services, victim assistance, and education; and in business corporations. Job titles include police officer, fraud investigator, case worker, hospital administrator, youth counselor, director of market research, lawyer, professor, probation officer, community service coordinator, and human resources manager. Graduates also continue their education in graduate programs or law schools.

Statement of policies - Admission
For students enrolled at the University of Akron and for students wishing to transfer directly to Buchtel College of Arts and Sciences (https://www.uakron.edu/bcas) from their institutions, the following criteria must be satisfied for admission to the Department of Sociology (https://www.uakron.edu/sociology):

- The student must be admissible to Buchtel College of Arts and Sciences (https://www.uakron.edu/bcas)
- A minimum grade point average of 2.20 must be met in all university work, including transfer credits until 30 UA credits are earned. Only credits earned at an accredited institution of postsecondary education, as recognized by The University of Akron, will be considered for transfer credit, and only those grades will be considered in the grade point average.

Graduation
A Sociology, Sociology/Criminology and Law Enforcement major must earn a cumulative 2.20 grade point average in Sociology and overall to graduate with such a declared major.