NATURAL SCIENCES DIVISIONAL 390002BS

The following information has official approval of the **Buchtel College of Arts and Sciences**, but is intended only as a supplemental guide. Official degree requirements are established at the time of transfer and admission to the degree-granting college. *Completion of this degree within the identified time frame below is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.* The transfer process is completed through an appointment with your academic advisor.

Italicized courses fulfill General Education requirements. Unless a course is specified, refer to the General Education guide at http://www.uakron.edu/advising/docs/General_Education_Guide.pdf.

1st Year	**Fall Semester**	Credit Hours	Prerequisites
	English Composition I (Note a)	3	Appropriate placement by advisor
3450:149	Precalculus Mathematics (Note c)	4	Appropriate placement by advisor
	Natural Science: Primary Area (Note c)	4	
	Natural Science: Cognate Area 1 (Note c)	4	
Total		**15**	

1st Year	**Spring Semester**		
	English Composition II (Note a)	3	3300:111 or equivalent
	Natural Science: Primary Area (Note c)	4	
	Natural Science: Cognate Area 1(Note c)	4	
	Physical Education/Wellness Requirement	1	
	Speech/Oral Communication Requirement	3	
Total		**15**	

2nd Year	**Fall Semester**		
	Social Science Requirement	3	
	Natural Science: Primary Area (Note c)	4	
	Natural Science: Cognate Area 1 (Note c)	4	
	Natural Science: Cognate Area 2 (Note c)	4	
Total		**15**	

2nd Year	**Spring Semester**		
3400:210 3400:221	*Humanities in the Western Tradition* **OR** *Humanities in the World since 1300*	4	32 credits & 3300:112 or equivalent
	Natural Science: Primary Area (Note c)	4	
	Natural Science: Cognate Area 1 (Note c)	4	
	Natural Science: Cognate Area 2 (Note c)	4	
Total		**16**	

3rd Year	**Fall Semester**		
	Natural Science: Primary Area (Note c)	6	
	Natural Science: Cognate Area 2 (Note c)	4	
	Humanities Requirement	3	
	Area Studies/Cultural Diversity	2	
Total		**15**	

3rd Year	**Spring Semester**		
	Natural Science: Primary Area (Note c)	5	
	Natural Science: Cognate Area 2 (Note c)	4	
	Humanities Requirement	3	

	Area Studies/Cultural Diversity	2	
Total		**16**	

4th Year	**Fall Semester**		
	Upper Level Natural Science (Note c)	8	As required to reach 27 credits of 300/400 Natural Sciences Division
	Upper Level Elective (Note b)	10	
Total		**18**	

4th Year	**Spring Semester**		
	Upper Level Natural Science (Note c)	8	As required to reach 27 credits of 300/400 Natural Sciences Division
	Upper Level Elective (Note b)	10	
Total		**18**	

	Minimum Credits for Degree	**128 min**	

ALERT: 1) By the end of your first 48 credit hours attempted, you must have completed your General Education English, Math, and Communications (Speech) requirements; 2) By the end of your first 48 credit hours attempted, you must have declared a major and transferred to (been accepted by) a degree granting college at The University of Akron.

NOTES:

a. For English Composition I, 3300:111 (English Composition I) or 3300:113 (African-American Language and Culture I) are the recommended classes to the meet the General Education English requirement. 2020:121 (English) fulfills the English Composition I requirement. For English Composition II, 3300:112 (English Composition II) or 3300:114 (African-American Language and Culture II) are the recommended classes to the meet the General Education English requirement. 2020:222 (Technical Report Writing) fulfills the English Composition II requirement.

b. Free electives can be any course not already required by your major and upper-level electives can be any course (300/400 level) in or outside the student's major, excluding General Education courses or workshops. Because of the amount of free and upper level electives available for this major, it is encouraged to focus on a specific area of interest. Please consult with the University of Akron website, the Undergraduate Bulletin, and your Academic Advisor about possible minor options.

c. **Divisional Major Requirements:**
   - A minimum of 64 credits in the Natural Science Division and Engineering/Polymer Science, of which 27 credits must be at the 300/400 level from the Natural Sciences Division (Engineering/Polymer Science excluded), with 2 of the 27credits being in Cognate Area 1, and 20 additional credits in any department except General Education courses and Workshops (can include Organic Chemistry). Students are not permitted to minor in disciplines used for the Primary and Cognate areas. Courses for the Natural Sciences major must be selected with the approval of an adviser.
   - At least 27 credits in Primary Area and 16 credits in two additional Cognate Areas; or second Cognate Area may be split into two Minor Cognate Areas with at least 8 credits in each.
     - Cognate Area 1: Earn at least 16 credits from one of the disciplines of biology, chemistry, computer science, engineering, geology, mathematics, physics, polymer science or statistics (excludes disciplines designated as Primary and Cognate Area 2) with at least 2 credits at the 300/400 level.
     - Cognate Area 2: Earn at least 16 credits from the disciplines of biology, chemistry, computer science, engineering, geology, mathematics, physics, polymer science or statistics (excludes disciplines designated as Primary and Cognate Area 1); or earn 16 credits from 2 disciplines (excludes disciplines designated as Primary and Cognate Area 1) to include 8 credits in each selected discipline.
   - Minimum math requirement is Pre-Calculus regardless of primary area.
   - Minimum 2.0 Science (Math, Engineering & Polymer Science included) & Cumulative GPA required.

PLACEMENT:
A student is encouraged to check with his/her major department and with the Career Center, Student Union 211, (330) 972-7747, regarding employment opportunities in the field.

TRANSFER TO COLLEGE OF ARTS & SCIENCES: Students should apply to the college upon the attainment of:

- ✓ a cumulative GPA of 2.0 or better (includes transfer coursework until 30 credits are earned at UA)
- ✓ a major GPA of 2.0 or better (includes transfer coursework until 30 credits are earned at UA)
- ✓ 30 credits completed including both required English composition courses and 3 credits of mathematics or statistics that meets the General Education requirement

Students can arrange inter-college transfers through an appointment with their academic advisor; advisor contact information is listed in “My Akron”.

COLLEGE OF ARTS & SCIENCES:

Degree requirements in Arts and Sciences include the demonstration of ability to use another language by completion of the second year of a foreign language or sign language and a minimum of 47 credits of Upper Level coursework (excluding workshops and General Education courses) consisting of either:

- Upper-level (300/400) courses both in and outside the student’s major
- Any courses outside the major department as specified in and approved by the student’s major department chair (permission should be obtained prior to enrollment) except workshops and General Education courses

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