

## Bachelor of Arts

### Major: Computer and Information Science

*The Bachelor of Arts in Computer and Information Science program is intended for students who want the flexibility to combine Computer Science coursework with a substantial number of courses from a non-computing discipline of their choice. Students in this major will complete a minimum of 123 hours as outlined below.*

General Education Requirements		
Requirement	Course Options	Hours
GE Launch Seminar	AcadAff 1201	1
Foundations: Writing and Information Literacy	<b>Student Choice</b>	3
Foundations: Mathematical & Quantitative Reasoning/Data Analysis	<b>Math 1151</b>	Overlap w/ Major requirement
Foundations: Literary, Visual and Performing Arts	<b>Student Choice</b>	3
Foundations: Historical & Cultural Studies	<b>Student Choice</b>	3
Foundations: Natural Science	<b>Student Choice</b>	5
Foundations: Social & Behavioral Sciences	<b>Student Choice</b>	3
Foundations: Race, Ethnic and Gender Diversity	<b>Student Choice</b>	3
Theme: <b>Citizenship for a Diverse &amp; Just World</b>	<b>Student Choice</b>	4
Theme: <b>Student Choice</b>	<b>Student Choice</b>	4
GE Reflection	AcadAff 4001	1
<b>General Education Credit Hours:</b>		<b>30</b>

College/Degree Requirements		
Requirement	Course Options	Hours
Foreign Language		12
ASC 1100		1
MATH 1151 (Math & Quantitative Reasoning / Data Analysis)		5
<b>Credit Hours:</b>		<b>18</b>

Major Coursework		
Course	Title	Hours
<b>Major Core</b>		
CSE 2221	Software I	4
CSE 2231	Software II	4
CSE 2321	Foundations I	3
CSE 2421	Systems I	4
CSE 2501 (or PHIL 2338)	Social, Ethical, and Professional Issues in Computer (or Computing Ethics for a Just and Diverse World)	1 (4)
CSE 3901 or 3902 or 3903	Project: Design, Development and Documentation (Web Applications or Interactive Systems or Systems Software)	4
Related Field Core	Courses are not required to be from the same department but most form a cohesive plan of study. Related-Field courses cannot be CSE courses. Students must work with both their major advisor and faculty advisor to determine appropriate coursework.	12
<b>Total Major Core</b>		<b>32</b>
<b>Required Non-Major Courses</b>		
MATH 1152	Calculus II	5
STAT 2450 or 3470	Calculus-based Statistics	3
Science	Elective	5
Math/Science	Elective	3
<b>Total Required Non-Major Courses</b>		<b>16</b>
<b>Required Technical / Directed / Targeted Electives; Career Courses</b>		
Technical Electives*		27
<b>Total Required Major and Non-Major Credit Hours:</b>		<b>75</b>

General Education	<b>30</b>
College/Degree Requirements	<b>18</b>
Major Core	<b>32</b>
Required Non-Major Courses	<b>16</b>
Technical, Directed, Targeted Electives; Career Courses	<b>27</b>
<b>Minimum Total Credit Hours</b>	<b>123</b>

Additional information:

\*Technical electives:

- A minimum of 13 hours must be CSE courses
- A minimum of 6 hours must be Related Field courses
- At most 2 hours of CSE 4193, 3 hours of CSE 4998, or 6 hours of CSE 4999, with no more than 6 hours total of CSE 4193, 4998, and 4999 combined, may be counted toward technical electives

\*\*Application to the major:

- **An application to the major must be submitted online at <https://advising.engineering.osu.edu/current-students/applying-your-major> during the term in which admission requirements are being completed**

\*\*\*Graduation application:

- **A Major Program Form from the CSE Advising Office must be filed with ASC Advising to begin the graduation application process. Students are encouraged to obtain and submit it one semester prior to the graduation term to gain graduating-senior scheduling priority for the graduation term.**

	Autumn		Spring	
Year 1	ASC 1100	1	CSE 2221 (need <i>C</i> or better)	4
	Math 1151	5	Math 1152	5
	CSE 1223	3	Foreign Language 1	4
	GE-Writing	3	GE-History	3
	GE-Diversity	3		
	GE Launch Seminar	1		
		16		16
Year 2	CSE 2231	4	CSE 2421	4
	CSE 2321	3	Related Field Core	3
	Stat 2450	3	GE-Science	5
	Foreign Language 2	4	Foreign Language 3	4
		14		16
Year 3	CSE 390X	4	Related Field Core	3
	CSE 2501 or PHILOS 2338	1 or 4	Related Field Core	3
	[GE-Theme if not PHILOS 2338	4]	Program Elective	3
	Related Field Core	3	Math/Science	3
	GE-SBS	3	GE-Lit/VPA	3
		14-15		15
Year 4	Program Elective	3	Program Elective	3
	Program Elective	3	Program Elective	3
	Program Elective	3	Program Elective	3
	Program Elective	3	Program Elective	3
	GE-Theme	4	GE-Reflection	1
		16		13