



This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.				
Shaded areas of plan require special attention.				
Course Subject and Title	Credit Hours	Min. Grade	Major GPA	Important Notes

<b>Semester One: [16-17 Credit Hours]</b>				
BIO 1201 or CHE 1101 or PHY1103	3-4			Need to complete a sequence from the same discipline
MAT 1020 College Algebra with Applications	4			Or Higher; MAT 1020 or 1110 counts as Gen Ed:QL
UCO 1200 First Year Seminar	3			
RC 1000 Expository Writing	3			First Year Writing
TEC 1708 Construction Technology and Building Codes	3	C		
<b>Semester Two: [16-17 Credit Hours]</b>				
BIO 1202 and 1203 or CHE 1102 or PHY 1104	4-5			Need to complete a sequence from the same discipline
TEC 2029 Society and Technology	3			May also be used in GEN ED: Integrative Learning Experience
General Education	3			Liberal Studies 2 – IND 2012 recommended
GEN ED: Wellness Literacy	1			Choose any 1 sh course from GEN ED: Program of Study
CI 2300 Teaching and Learning in the Digital Age	2	C		Required for admission into teacher education programs.
TEC 1728-Architectural Graphics and Computer Modeling	3	C		
<b>Semester Three : [16 Credit Hours]</b>				
RC 2001 Introduction to Writing Across the Curriculum	3			Sophomore Writing
GEN ED: Liberal Studies Experience	3			Suggested Course: TEC 2601 Energy Issues and Technology
General Education	3			Integrative Learning 2
CTE 1750 An Introduction to Career and Technical Education	1	C		
CTE 3009 Introduction to the Technology Teaching Profession	3	C		
IND 2110 Introduction to Fabrication	3	C		
<b>Semester Four: [14 Credit Hours]</b>				
Second Academic Concentration	3			<b>Choose from Graphic Communications, Materials Science, STEM, Sustainable Design and Technology</b> ( <a href="http://rcoe.appstate.edu/academics/second-academic-concentrations">http://rcoe.appstate.edu/academics/second-academic-concentrations</a> ). Other SACs are possible when recommended by program coordinator. Be sure to stay in the same concentration.
General Education	3			Liberal Studies 3
Free Elective	2			
GEN ED: Wellness Literacy	1			Wellness 2



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FDN 2400 Critical Perspectives on Learning and Teaching	2	C		Required for admission into teacher education programs.
TEC Elective	3			Choose from any IND, INT, GAIT, PHO or TEC prefix course
<b>Semester Five: [15 Credit Hours]</b>				
CTE 3750 Teaching the T & E in STEM	3	C		
GEN ED: Perspective	3			Liberal Studies 4
PSY 3010 Psychology Applied to Teaching	3	C		Co-req/pre-req for admission into teacher education programs.
Second Academic Concentration	3			<b>Choose from Graphic Communications, Materials Science, STEM, Sustainable Design and Technology</b> ( <a href="http://rcoe.appstate.edu/academics/second-academic-concentrations">http://rcoe.appstate.edu/academics/second-academic-concentrations</a> ). Other SACs are possible when recommended by program coordinator. Be sure to stay in the same concentration.
CTE 4640 Computer Design Applications for Business and Education Professionals	3	C		
<b>Semester Six: [14 Credit Hours]</b>				
CI 3400 Policies and Practices in Educational Assessment	2	C		Must be admitted into the College of Education to take
CTE 4629 Management of Career and Technical Education Programs and CTSOs	3	C		
CTE 4650 Research in Career and Technical Education	3	C		
Second Academic Concentration	3			<b>Choose from Graphic Communications, Materials Science, STEM, Sustainable Design and Technology</b> ( <a href="http://rcoe.appstate.edu/academics/second-academic-concentrations">http://rcoe.appstate.edu/academics/second-academic-concentrations</a> ). Other SACs are possible when recommended by program coordinator. Be sure to stay in the same concentration.
CTE 3380 Information Systems for Business and Education Professionals	3	C		
<b>Semester Seven: [16 Credit Hours]</b>				
SPE 3300 Creating Inclusive Learning Communities	3	C		Must be admitted into the College of Education to take
CTE 4660 (3) and CTE 4910 (1)	4	C		Must be admitted into the College of Education to take
CTE 4619 Career and Technical Education Curriculum	3	C		
TEC Elective	3			Choose from any IND, INT, GAIT, CP or TEC prefix course
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<b>Semester Eight: [12 Credit Hours]</b>				



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CI 4900 Student Teaching	12		2.7	
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General Requirements Summary				
Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
120	44	RC 1000 and RC 2001	2.0	2.7

General Education Program Model - 44 Semester Hours Total		
Program Categories	Hours	Important Notes – <i>Be sure to check for Gen Ed courses required in your major</i>
First Year Seminar	3	Can be taken first or second semester of freshman year
Wellness Literacy	2	
Quantitative Literacy	4	MAT 1030 or MAT 1110 counts in both the major and Gen Ed
First Year Writing	3	Minimum grade of "C" required Can be taken first or second semester of freshman year
Sophomore Writing	3	Minimum grade of "C" required
Integrative Learning Experience	9	Must choose a minimum of two disciplines
Liberal Studies Experience	12	Must choose a minimum of three disciplines
Science Inquiry	8	
You must also meet the Fine Arts, Literary Studies, Historical Studies, and the Social Science Designations. Those may be met within the Integrative Learning Experience and the Liberal Studies Experience.		

## TECHNOLOGY, ENGINEERING AND DESIGN EDUCATION CONCENTRATION

**Contacts:** Dr. Jerianne Taylor – 262-6352 [Taylorjrs@appstate.edu](mailto:Taylorjrs@appstate.edu)

### Important Beginning Courses

- Academic concentration
- You are required to complete three hours each of fine arts (FA), historical studies (HS), literary studies (LS), and social science (SS) courses within the Integrative Learning Experience and/or the Liberal Studies Experience.



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**Suggested General Education**

- TEC 2029, required for major, will fulfill General Education I Requirement (ILE and SS)
- IND 2012 is recommended and will fulfill General Education Requirement (LSE and FA)
- PHY 1103-1104, BIO 1201, 1202, 1203, CHE 1101/1110 and 1102/1120 is recommended for major, will fulfill General Education Science Inquiry.
- First Year Writing (RC 1000, LCCFL 1000 or WRC 1103)
- First Year Seminar (UCO 1200, HON 1515 or WRC 1103)

**Good to know . . .**

- Must be proficient in Speech and English and have a 2.70 GPA before being admitted to the Reich College of Education. You will need to apply for admission to the Reich College of Education at the end of your sophomore year. Check your SAT/ACT scores to determine you need to take Praxis I prior to admission in the RCOE. A grade of 2.0 minimum is required in each professional education course required.
- Students should select Second Academic Concentration (SAC) in consultation with Dr. Jerianne Taylor.
- The SAC requires 18 hours of coursework in an approved concentration area. MATERIALS SCIENCE, SUSTAINABLE DESIGN AND TECHNOLOGY, GRAPHIC COMMUNICATION, SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) or Math, Science and Technology recommended as an academic concentration.
- If a TEC class is recommended during the freshman year (according to a 4-year plan) and all sections are full, intended majors should see the faculty coordinator of that program area to try to get into the class.
- Advising is required when officially declared into the major.
- TEC 4900 is typically taken during the summer between your junior and senior year.
- **A student must have at least a 2.70 grade-point average to be admitted to the teacher education program and must maintain a 2.70 grade-point average overall through student teaching.**

**Helpful Links:**

<http://tec.appstate.edu/>

(Include link to four-year plans if they are online)

<http://programsofstudy.appstate.edu/>

**What can you do with this major?**



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[Careers in My Major](#)

**Questions or Comments:**

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