

BS in Mathematics/Computer Education-2024-2025

Student Name:	
Student ID:	

Mathematics Core	9		Computer Scienc	e Co	re
MAT 180	3	Problem Solving	COS 102	3	Fundamentals of Systems and Computing
MAT 230	4	Calculus II	COS 109	3	Computer and Network Operations
MAT 240	4	Calculus III	COS 120	4	Introduction to Computational Problem Solving
MAT 255	3	Justifications in Mathematics	COS 121	4	Foundations of Computer Science
MAT 280	3	Mathematics in the Junior High/Middle School	COS 143	3	Interactive Webpage Development
MAT 255 MAT 280 MAT 312	4	College Geometry	COS 265	4	Data Structures and Algorithms
MAT 345	4	Linear Algebra	COS 326	3	Data Visualization
MAT 352	4	Mathematical Statistics	COS 343	3	Database Systems
MAT 392	1	Mathematics Seminar			
MAT 493	3	Senior Capstone			
Major Hours Requ		ematics or Computer Science and Engineering sanc	tioned events is requi	red.	
		ion Courses — All curriculum courses must be con	mpleted with a grade o	of C-	or better and are counted in major GPA.
EDU 150 EDU 222	3 2	Education in America Reading in the Content Area for Secondary Teachers			
EDU 260	3	,			
EDU 200	2		dany Teachers		
EDU 307 EDU 309 EDU 332 EDU 384 EDU 431 MAT 285	1	Methods of Instruction and Assessment in Second			
EDU 332	2		ary Education		
EDU 332	1				
FDU 431	17	,			
MAT 285	3				
MAT 309	2	0 ,			
SED 220	3				
		Requirements — All curriculum courses must be of	completed with a grad	le of	C- or better and are counted in major GPA.
ENG 110 PSY 340	3	College Composition Adolescent Psychology			

Degree Requirements

Select one course from the following:

COM 210 3 Public Speaking

- 128 minimum hours and 42 minimum upper-division hours (3XX/4XX course numbers).
- Fifty percent of the minimum hours must be completed at Taylor—64 hours.
- Fifty percent of the major/minor hours must be completed at Taylor.
- 22 of the last 30 hours earned must be completed at Taylor.

CAC 160 3 Integrative Communication

- Cumulative GPA of 2.0; major GPA of 2.3 (higher GPA may be required in certain curricula). (See current catalog for policy).
- All foundational core, major, minor, and proficiency requirements must be completed (including Senior Comprehensive Exam/Paper/Project).
- Two years of one foreign language is required for the BA degree.
- Candidates for 2 degrees must complete a minimum of 158 semester hours and meet all requirements for 2 different majors.

Education majors may also complete optional concentrations:

SpEd Mild-Moderate P-12 Licensure

SED 220	3	Exceptional Children
SED 330	3	Foundations of Special Education
SED 340	3	Assessment of Exceptional Learners
SED 355	3	Methods of Special Education
SED 360	3	Behavior Management and Disorders
SED 440	3	Special Education Integrative Seminar

SpEd Intense P-12 Licensure				
SED 375	3	Low-Incidence Disabilities-Instruction and Learning		
SED 380	3	Low-Incidence Disabilities-Independence and Self-determination		
SED 390	3	Low-Incidence Disabilities-Collaboration and Individualized Programs		

TESOL P-12 Licensure Concentration

EDU 260	3	Educational Psychology
EDU 431	17	Supervised Internship in Secondary Schools (TESOL)
TSL 201	3	Introduction to SLA and the Field of Teaching ESOL
TSL 210	3	Teaching ELL in P-12 Classroom
TSL 303	3	Methods and Assessment in TESOL
TSL 305	3	Pedagogical Grammar and Applied Linguistics in TESOL
TSL 482	3	Seminar with Field Experience in TESOL