



TAYLOR
UNIVERSITY

BA or BS in Physics/Mathematics Education Major – 2024-2025

Student Name: _____

Student ID: _____

Physics Core

_____	ENP 231	4	Introduction to Electric Circuits
_____	PHY 211	4	University Physics I
_____	PHY 212	5	University Physics II
_____	PHY 311	4	Modern Physics
_____	SYS 120	4	Introduction to Problem Solving

Select one course from the following:

_____	PHY 493	3	Physics Senior Capstone
_____	MAT 493	3	Mathematics Senior Capstone

Mathematics Core

_____	MAT 151	4	Calculus I
_____	MAT 230	4	Calculus II
_____	MAT 240	4	Calculus III
_____	MAT 251	4	Differential Equations
_____	MAT 280	3	Mathematics in the Junior High/Middle School
_____	MAT 312	4	College Geometry
_____	MAT 345	4	Linear Algebra
_____	MAT 352	4	Mathematical Statistics

Electives

Select 5 hours of electives from the following:

_____	ENP 252	4	Principles of Engineering
_____	ENP 300-499	1-5	Engineering Physics Elective
_____	PHY 300-499	1-5	Physics Elective

Total Major Hours Required: 60

Professional Education Courses — All curriculum courses must be completed with a grade of C- or better and are counted in major GPA.

_____	EDU 150	3	Education in America
_____	EDU 222	2	Literacy in the Content Area for Secondary Teachers
_____	EDU 260	3	Educational Psychology
_____	EDU 307	2	Discipline and Classroom Management for Secondary Teachers
_____	EDU 309	1	Methods of Instruction and Assessment in Secondary Education
_____	EDU 332	2	The Junior High/Middle School
_____	EDU 344	1	Educational Technology in Secondary Education
_____	EDU 384	1	Perspectives in Diversity
_____	EDU 431	17	Supervised Internship in Secondary Schools
_____	SED 220	3	Exceptional Children

Select one course from the following:

_____	MAT 309	2	Teaching Math in Secondary Schools
_____	NAS 309	2	Science Education Methods

Additional Education Requirements — All curriculum courses must be completed with a grade of C- or better and are counted in major GPA.

_____	ENG 110	3	College Composition
_____	PSY 340	3	Adolescent Psychology

Select one course from the following:

_____	CAC 160	3	Integrative Communication
_____	COM 210	3	Public Speaking

Degree Requirements

- 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.
- 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