BS – Physics: Physics/Math Teacher Cert (7-12)  
(SC-BS/PHYS/PMH/SCED)  
2018 Catalog year: College of Science and Engineering

**Coreq for PHYS 1430**

**CHEM 1335 (F,S) and CHEM 1141 (F,S,Su)**

**PHYS 2435 (F,S)**

**PHYS 2230 (F,S)**

**MATH 3373 (F,S,Su)**

**MATH 2471 (F,S,Su) and MATH 2472 (F,S,Su)**

**PHYS 2425 (F,S)**

**PHYS 2420 (F,S)**

**PHYS 3320 (F,S)**

**PHYS 4310 (F)**

**PHYS 3311 (S)**

**PHYS 4305 (S) – Statistical Physics**

**PHYS 4315 – Electromag. Field Theory I**

**PHYS 4320 – Selected Study in Physics**

**PHYS 4350A – Thin Film Photo. Dev.**

**PHYS 4121/4221/4321 – Undergrad Research**

**Two PHYS electives from:**

- PHYS 3313 – Astrophysics
- PHYS 3411 (S) – Advanced Lab
- PHYS 3416 (F) – Applied Electronics
- PHYS 3417 (F) – Optics
- PHYS 3405 – Statistical Physics
- PHYS 3411 – Condensed Matter Physics
- PHYS 4320 – Selected Study in Physics
- PHYS 4350A – Thin Film Photo. Dev.
- PHYS 4350B – Relativity
- PHYS 4412/4413/4414/4415/4416 – Honors Research

**Block experience:**

- RDG 3323
- CI 4343
- CI 4370

**Requires:**

- Admission into Teaching Program
- CI 4332 and CI 3325 with a C or higher
- Junior or senior classification
- Application and approval to the block experience

**EDST 4681**

**Student Teaching**

**Core courses must be completed:**

- **US 1100**
- **COMM 1310**
- **PHIL 1305 or 1320**
- **ENG 1310**
- **ENG 1320**
- **ENG 2310-2360**
- **HIST 1310**
- **HIST 1320**
- **ART/DAN/MU/TH 2313**
- **ANTH 1312/ECO 2301/ECO 2314/GEO 1310/PSY 1300/SOCI 1310**

US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.

**Note:** In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

**KEY:**

- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisites.
- Courses taught in specific semesters are indicated with the following codes:
  - **F**-Fall
  - **S**-Spring
- Required WI courses: PHYS 3210
- Additional WI courses: PHYS 3411, 3416, 3417

**State chart is intended to be used by students who start out at Texas State.** Please contact the College of Science and Engineering Undergraduate Advising Center for advising.

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