

## **AGSC Course List**

### AGSC 289. **Special Topics in.** [Credits: 1 to 4]

Special topics in an identified area of agricultural science. May be repeated for credit.

Prerequisite: Approval of department head.

### AGSC 291. **Research.** [Credits: 1 to 4]

Research conducted under the direction of faculty member in agricultural science. May be repeated 2 times for credit.

Prerequisite: Freshman or sophomore classification and approval of instructor.

### AGSC 301. **Introduction to Agricultural Science Teaching.** [Credits: 3]

Introduction to agricultural science teaching at the secondary level an overview of preparing teachers for a changing world including knowledge of learners, subject matter and teaching within the context of agricultural science.

Prerequisite: Junior or senior classification.

### AGSC 380. **Workshop in Agricultural Science.** [Credits: 1 to 4]

The study, understanding and solution of human-agricultural problems based on theory learned in the classroom, library, laboratory and fieldwork completed by individuals and teams.

Prerequisite: Junior or senior classification.

### AGSC 383. **Teaching Agricultural Mechanics.** [Credits: 3]

Methods of teaching and motivating students in agricultural mechanics; designed for students preparing to teach agricultural science in Texas public

Prerequisite: AGSC 301.

[AGSC 383 Course Page](#)

### AGSC 384. **Clinical Professional Experience in AGSC.** [Credits: 3]

Clinical field experience for students preparing to teach agricultural science in public schools of Texas; through first-hand observation,

students will study learning theories, individual differences, teaching methods, classroom management, curriculum, school climate and culture, and teacher roles and responsibilities.

Prerequisite: AGSC 301.

[AGSC 384 Course Page](#)

**AGSC 402. Designing Instruction for Secondary Agricultural Science Programs.** [Credits: 3]

Theory and practice in designing instruction for secondary agricultural science programs including effective planning and delivery methods; designed for students preparing to teach agricultural science in Texas public schools.

Prerequisite: AGSC 384; concurrent enrollment in AGSC 405.

[AGSC 402 Course Page](#)

**AGSC 405. Facilitating Complete Secondary Agricultural Science Programs.** [Credits: 3]

Theory and practice in facilitating secondary agricultural science programs: includes classroom instruction, supervised experience, and youth leadership development; designed for students preparing to teach agricultural science in Texas public schools.

Prerequisite: AGSC 384; concurrent enrollment in AGSC 402.

[AGSC 405 Course Page](#)

**AGSC 425. Learner Centered Instruction in Agricultural Science.** [Credits: 3]

Preparing curriculum materials for secondary agricultural science and adult education programs.

Prerequisite: AGED 301; senior classification; or approval of department head.

**AGSC 436. Professional Teaching Internship in AGSC.** [Credits: 6]

Planning for and teaching secondary agricultural science in selected high schools in Texas; includes 12 weeks of professional teaching experience under the guidance of a university supervisor and a cooperating teacher in the school.

AGSC 481.Seminar. [Credits: 1]

Review of current literature and research as related to program development in light of legislation and policies affecting education in agriculture.

Prerequisite: Approval of department head.

AGSC 484.Field Experience. [Credits: 1 to 6]

An on-the-job supervised experience program conducted in the area of the student's specialization.

Prerequisite: Senior classification; 2.0 GPR; approval of department head.

AGSC 489.Special Topics in.... [Credits: 1 to 4]

Special topics in an identified area of agricultural science. May be repeated for credit.

Prerequisite: Approval of department head.

AGSC 491.Research. [Credits: 1 to 4]

Research conducted under the direction of faculty member in agricultural science. May be repeated 3 times for credit.

Prerequisite: Junior or senior classification and approval of instructor.

AGSC 494.Internship. [Credits: 1 to 6]

Supervised internship and independent study related to student's professional interest.

Prerequisite: AGED 301; junior or senior classification; 2.0 GPR; approval of instructor.