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.