

Agricultural Systems Management (ASM)

ASM 115. Fundamentals of Agricultural Systems Management. 3 Credits.

Overview of agricultural systems management; engines, machinery, structures, electricity, processing, and conservation. 3 lectures. Co-req: MATH 103 or MATH 104 or MATH 107 or placement.

ASM 194. Individual Study. 1-3 Credits.**ASM 196. Field Experience. 1-15 Credits.****ASM 199. Special Topics. 1-5 Credits.****ASM 291. Seminar. 1-3 Credits.****ASM 292. Global Practicum: Study Abroad. 1-15 Credits.**

Pre-Arranged study at accredited foreign institutions (study abroad), domestic institutions (National Student Exchange) or on approved study abroad programs. Pre-requisite: Sophomore standing and prior approval by International Student and Study Abroad Services and major department. Graded 'P' or 'F' (Undergraduate), or 'S' or 'U' (Graduate).

ASM 294. Individual Study. 1-5 Credits.**ASM 299. Special Topics. 1-5 Credits.****ASM 379. Global Seminar. 1-6 Credits.**

NDSU instructed experience or field study in a foreign country. Conducted in English for residence credit. Pre-requisite: Prior approval by International Student and Study Abroad Services and major department. May be repeated. Standard Grading.

ASM 391. Seminar. 1-3 Credits.**ASM 392. Global Practicum: Study Abroad. 1-15 Credits.**

Pre-Arranged study at accredited foreign institutions (study abroad), domestic institutions (National Student Exchange) or on approved study abroad programs. Pre-requisite: Sophomore standing and prior approval by International Student and Study Abroad Services and major department. Graded 'P' or 'F' (Undergraduate), or 'S' or 'U' (Graduate).

ASM 394. Individual Study. 1-5 Credits.**ASM 396. Field Experience. 1-15 Credits.****ASM 397. Fe/Coop/Internship. 1-4 Credits.****ASM 399. Special Topics. 1-5 Credits.****ASM 468. Landscape Irrigation Design. 2 Credits.**

Students will learn the basic issues of water resources, water management, and irrigation system design. 2 lectures. Prereq: Junior standing. Cross-listed with PLSC 468. F.

ASM 469. Landscape Irrigation Installation and Management. 2 Credits.

Irrigation system installation, winterization, start-up, troubleshooting, renovation, and drainage. 2 lectures. Prereq: Junior standing. Cross-listed with PLSC 469. S.

ASM 475. Management of Agricultural Systems. 2 Credits.

Capstone learning experience involving team solution to problems in agricultural systems management. Oral and written communications are emphasized. 2 lectures. Prereq: Senior standing. {Also offered for graduate credit - see ASM 675.}.

ASM 491. Seminar. 1-5 Credits.**ASM 492. Global Practicum: Study Abroad. 1-15 Credits.**

Pre-Arranged study at accredited foreign institutions (study abroad), domestic institutions (National Student Exchange) or on approved study abroad programs. Pre-requisite: Sophomore standing and prior approval by International Student and Study Abroad Services and major department. Graded 'P' or 'F' (Undergraduate), or 'S' or 'U' (Graduate).

ASM 494. Individual Study. 1-5 Credits.**ASM 496. Field Experience. 1-15 Credits.****ASM 499. Special Topics. 1-5 Credits.**