



Missouri Department of Health and Senior Services

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Courses Accepted for Soil Science/Soil Morphology Credit by the Onsite Wastewater Treatment Program

In general soil science courses that would meet the degree requirements for a college or university Soil Science Program, or other courses with similar content, would be accepted for registration to do soil morphology evaluations for the design of onsite wastewater treatment systems. Courses accepted for soil morphology credit must deal with examination and interpretation of the physical properties of soil, such as color, mottling, texture, structure, topography, landscape position, and redoximorphic features. Below is a list of identified soil science courses offered by universities and colleges in Missouri. An asterisk (*) marks courses accepted for soil morphology credit.

For more information, please contact the Onsite Wastewater Treatment Program at (573) 751-6095.

Central Missouri State University, Warrensburg

- AGRI 2330 (3) Introduction to Soil Science
- AGRI 2331 (3) Soils
- AGRI 4300 (3) Soil Fertility and Fertilizers

College of the Ozarks, Point Lookout

- AGR 213 (3) Soil Science
- AGR 403 (3) Soil Management

Crowder College, Neosho

- AGRN 213 (3) Applied Soils
- AGRN 214 (4) Fundamentals of Soil Science
- AGRN 221 (1) Soil Evaluation

Lincoln University, Jefferson City

- AGR 211P (4) Introduction to Soil Science
- AGR 309P (3) Soil Chemistry and Plant Nutrition
- AGR 324P (3) Soil Amendments and Environmental Quality
- AGR 414 (3) Soil and Water Conservation and Management

Missouri Southern State College, Joplin

- EH 311 3/(2)* Soil Morphology and Sewage Systems

Missouri State University, Springfield

- AGN 215 (3) Soils
- AGN 335 (3) Soils Conservation & Water Management
- AGN 405 or AGN 605 (3) Soil Fertility & Plant Nutrition
- AGN 455 (3)* Soil Genesis, Morphology & Classification
- AGA 465 or AGE 718 (3)* Environmental Soil Science
- AGA 545/645 (3)* Soil Survey and Land Appraisal

*Soil Morphology credit allowed.

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Northwest Missouri State University, Maryville

AG-03 334	(4)	Soils
AG-03 530	(3)*	Soil Surveying and Land Appraisal
AG-03 532	(3)	Soil Conservation

Ozark Technical Community College, Springfield

AGR 235	(3)	Soils
AGR 180	(2)	Plant & Soils Science

Southeast Missouri State University, Cape Girardeau

AO 215/015	(3)	Soils
AO 427	(3)	Soil Fertility and Plant Nutrition
GO 655	(3)	Clay Mineralogy
GO 665	(3)	Low Temperature Geochemistry
AO 550	(3)	Soil Conservation
GO 555	(3)*	Soil Classification and Resource Management

Truman University, Kirksville

AGSC 212	(4)	Soil Science
AGSC 410	(3)	Soil Conservation and Management

University of Missouri, Columbia

SOIL 2100	(3)	Introduction to Soils
SOIL 2106	(2)	Soil Science Lab
SOIL 2110	(5)	Introduction to Soil Science with Lab
SOIL 3201	(1)	Topics in Soil Science (Credit Arranged)
SOIL 3280	(2)*	Soil Classification
SOIL 3290	(3)	Soils and the Environment
SOIL 4301	(1)	Topics in Soil Science (Credit Arranged)
SOIL 4301	(3)*	Topics in Soil Science: Fundamental Soil Morphology
SOIL 4305	(3)	Environmental Soil Physics
SOIL 4306	(2)	Environmental Soil Physics Laboratory
SOIL 4307	(5)	Soil Physics
SOIL 4308	(3)	Soil Conservation
SOIL 4312	(3)	Environmental Soil Microbiology
SOIL 4313	(3)	Soil Fertility and Plant Nutrition
SOIL 4314	(2)	Soil Fertility and Plant Nutrition Lab
SOIL 4316	(1)	Soil Microbial Ecology Methods
SOIL 4318	(3)	Environmental Soil Chemistry
SOIL 4320	(4) / (2)*	Genesis of Soil Landscapes
SOIL 4360	(3)	Precision Agriculture Science and Technology
SOIL 4388	(3)	Soil Plant Relationships

*Soil morphology credit allowed

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Check with the university or college regarding enrollment requirements and procedures, class schedules, and course prerequisite requirements.