BS in Environmental Engineering Curriculum

KSU/ENVIRONMENTAL ENGINEERING CURRICULUM FLOWCHART 2018-2019
129 credit hours

Fall Freshman Spring
- ENGL 1101 Composition I (3)
- ENGL 1102 Composition II (3)
- MATH 1190 Calculus I (4)
- PHYS 2211L Calculus II (4)
- CHEM 1211L Chemistry I Lab (1) Concurrent w/1211
- CHEM 1211 Chemistry I (3)
- PreReq-MATH 1111

15 credit hours

Fall Sophomore Spring
- EDG 2160 Civil Engr Graphics/CAD (3)
- MATH 2306 Differential Equations (3)
- MATH 2214 Statics (3)
- PHYS 2211L Physics I Lab (1) Concurrent w/2211
- PHYS 2211 Physics I (3)
- CHEM 1212L Chemistry II Lab (1) Concurrent w/1212
- CHEM 1212 Chemistry II (3)
- PreReq-MATH 1111

15 credit hours

Core B1 ECON 1000 Contemporary Economic Issues (2)

Core B2 COM 1100 Human Communication (3)

Core C1 English Literature (3) PreReq Eng 1102

Core C2 Art and Culture (3) PreReq-Eng 1101

Core C3 English Literature (3) PreReq Eng 1102

Fall Junior Spring
- Core E1 US Govt. (3)
- Core E2 US History (3)
- ENGR 3343* Fluid Mechanics (3)
- ENGR 3345 Fluid Mechanics Lab (1) Concurrent w/ENGR 3343
- CE 2003 Engineering Problem Solving (5)
- CE 3702* Intro Env Engr (3)
- CE 3704 Intro Env Engr Lab (1) Concurrent w/CE 3702 or prior completion of CE 3702
- CE 3703* Envr Engr Design (3) PreReq-CE 3704
- BiOL 1107P Pinc. of Biology Lab (1) Concurrent w/ BiOL 1107
- BiOL 1107P Pinc. of Biology I (3) Concurrent w/ BiOL 1107
- SurV 2221L Surveying I Lab (1)
- Concurrent w/ SurV 2221
- SurV 2221 Surveying I (3)
- SurV 2222L Surveying II Lab Concurrent w/ SurV 2222 (1)
- Core E3 World History (3)
- ENGR 3305* Data Collection & Analysis (3) PreReq-MATH 2202
- ENGR 3301 Strength of Materials (3)
- CE 3701 Geotechnical Engineering (3)
- CE 3708 Geotechnical Lab (1) Concurrent w/CE 3701
- CE 3702 Materials for Civil/ Const Engr Lab (1) Concurrent w/ CE 3501
- CE 3704 Intro Env Engr Lab (1) Concurrent w/CE 3702 or prior completion of CE 3702
- CE 3703 Envr Engr Design (3) PreReq-CE 3704
- EDG 4371 Envr Engr Lab (1) PreReq-CE 3704
- MATH 2202 Calculus II (3)
- MATH 2306 Calculus II (3)

18 credit hours

Senior Spring
- Technical Elective (3)
- CE 3703 Envr Engr Design (3) PreReq-CE 3704
- CE 4371 Envr Engr Lab (1) PreReq-CE 3704
- CE 3701 Envr Engr Lab (1) PreReq-ENGR 4353
- ENVS 2202 Envs. Science (3) No Prereq
- CE 4800 Senior Project (3)
- CE 4708* Haz Waste Engr (3)
- ENGR 3324* Project Cost Analysis (3) PreReq-MATH 1190 & EDG 2160
- CE 4703* Engineering Hydrology (3)
- CE 3501* Materials for Civil/ Const Engr (3)
- CE 3502 Materials for Civil/ Const Engr Lab (1) Concurrent w/ CE 3501
- CE 4373* Envl Engr Microbiology (3) PreReq-CE 3702
- CE 4373* Solid Waste Engineering (3)
- Technical Elective (3)
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16 credit hours

15 credit hours

16 credit hours

15 credit hours

18 credit hours

16 credit hours

18 credit hours

16 credit hours

* Requires Engineering Standing