

**DEGREE/PROGRAM CHANGE
FORM C**

Fields marked with * are required

Name of Initiator: Susan Halter **Email:*** sbogus@unm.edu **Date:*** 11-01-11
Phone Number:* 277-1395 Initiator's Rank / Title* Associate Professor
Faculty Contact* Susan Bogus Halter Administrative Contact* Josie Gibson
Department* Civil Engineering
Division **Program**
Branch

Proposed effective term:

Semester Spring ▼ Year 2012 ▼

Course Information

Select Appropriate Program Undergraduate Degree Program ▼ CIP Code
Name of New or Existing Program * B.S., Construction Engineering
Catalog Page Number Select Category Degree ▼ Degree Type B.S.
Select Action Revision ▼

Exact Title and Requirements as they should appear in the catalog.

See current catalog for format within the respective college (enter text below or upload a doc/pdf file)

[ConE curric revision - STAT345 option.pdf](#)

This Change affects other departmental program/branch campuses

Reason(s) for Request * (enter text below or upload a doc/pdf file)

CE 354 is not offered on a regular schedule, which affects students' ability to graduate on time. Therefore, we have identified a similar level and content course which is offered more frequently so that students can have the option of taking either course, and thus, better control when they graduate.

Statements to address budgetary and Faculty Load Implications and Long-range planning

*(enter text below or upload a doc/pdf file)

This change is expected to have no significant budgetary or faculty load implications, since STAT 345 it is already offered on a regular basis and the number of additional students expected to take this course is minor (~20 per year).

CE 160L	Civil Engineering Design	3
	Core Humanities Elective	3
		17
	Second Semester	
ENGL 102	Composition II: Analysis and Argument (1)	3
MATH 163	Calculus II	4
CS 151L	Computer Programming Fundamentals for Non-Majors Lab	3
PHYC 160	General Physics (1)	3
EPS 101	Introduction to Geology (1)	3
-or-		
CHEM 122	General Chemistry (1)	3
CHEM 124L	General Chemistry Lab(1)	1
		16/17
Second Year	First Semester	
MATH 264	Calculus III	4
PHYC 161	General Physics	3
CE 202	Engineering Statics	3
ECON 105	Introductory Macroeconomics (1)	3
	Core Humanities Elective	3
		16
	Second Semester	
MATH 316	Applied Ordinary Differential Equations	3
MGMT 202	Principles of Financial Accounting	3
ME 306	Dynamics	3
ENGL 219	Technical and Professional Writing (1)	3
	Core Fine Arts Elective	3
		15
Third Year	First Semester	
CE 302	Mechanics of Materials	3
CE 305	Infrastructure Materials Science	4
CE 283	Transportation System Measurements	3
CE 350	Engineering Economy	3
CE 376	Cost Estimating	3
		16
	Second Semester	
CE 308	Structural Analysis	3
CE 310	Structural Design I	4
CE 360L	Soil Mechanics/Lab	4
CE 370	Construction Methods and Equipment	3
CE 377	Construction Scheduling	3
		17
Fourth Year (2)	First Semester	
CE 331L	Fluid Mechanics/Lab	4
CE 354	Probability and Statistics in CE	3

Constructive
B.S. ~~CE~~ Engineering
Proposed curriculum
revision

OR STAT 345
Elements of Mathematical
Statistics and Probability
Theory 3 cr.