



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

New Baccalaureate Degree Minor

UNIVERSITY:	SDSU
TITLE OF PROPOSED MINOR: DEGREE(S) IN WHICH MINOR MAY BE EARNED:	Concrete Materials Science Any degree excluding the Concrete Industry Management 27.6 reW* nBT

A handwritten signature in cursive script, appearing to read "B. H. ...", written over a set of horizontal lines.

cost estimator, and contractor.

Concrete Industry Management students would not be considered for this program as the

program gave SDSU the permission to proceed with the first minor in Concrete Materials Science. The curriculum choices are based on faculty experience in the concrete industry on what would have made a new employee more valuable from the first day of employment. The selected classes will add those needed tools to the graduates' repertoire.

8. Complete the tables below. Explain any exceptions to Board policy requested.

A. Distribution of Credit Hours

Concrete Materials Science Minor	Credit Hours	Percent
Requirements in minor	18	100%
Electives in minor	0	0%
Total	18	

B. Required Courses in the Minor

Prefix	Number	Course Title	Prerequisites for Course	Credit Hours	New (yes, no)
CIM	101	Introduction to Concrete Industry Management	None	2	No
CIM	120	Introduction to Industrial Safety	None	3	Yes
CIM	125	Plans and Specifications ⁴	None	2	No
CIM	210	Fundamentals of Concrete: Properties and Testing	CIM 101	3	No
CIM	210L	Fundamentals of Concrete: Properties and Testing Lab	None	1	
CM	232	Cost Estimating	CIM 125	3	No
CIM	440	Advanced Concrete Materials	CIM 210	3	No
CIM	440L	Advanced Concrete Materials	None	1	No
Subtotal				18	

The proposed minor includes one new course – CIM 120 Introduction to Industrial Safety. This course will be required as part of the Concrete Industry Management (CIM) major. The CIM program is focused on the unique demands of the concrete industry. CIM 120 Introduction to Industrial Safety is designed to introduce students to the unique hazards inherent within this industry. This class focuses on concrete batch plant safety (complete with several field trips), precast concrete plant safety, and types of equipment specific to the concrete industry. In addition, the MSHA (Mine Safety and Health Administration) New Miner Training program is taught within this class, a requirement for any of the SDSU students who intern or become employed at aggregate or cement manufacturing facilities. In addition, as a 100-level class, CIM 120 instills the safety culture mindset within the students before they begin performing internships and field trips.

Students in the Concrete Industry Management program are not eligible for this minor.

⁴ The Department of Construction and Operations Management has routed a minor course modification to increase CIM 125 from 1 to 2 credits effective fall 2023.

Appendix A
Corresponding Curriculum Requests New Course Requests



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New Course Request

SDSU

their academic careers), but again lacks the focus on the concrete industry and MSHA facets.

Section 3. Other Course Information

3.1.