

(b) Complete the curriculum of the department in which he is taking his major work.

Graduate Degrees. The College of Engineering offers graduate work leading to the following advanced degrees:

Master of Science in Agricultural Engineering
 Master of Science in Civil Engineering
 Master of Science in Electrical Engineering
 Master of Science in Mechanical Engineering
 Master of Science in Metallurgical Engineering
 Master of Science in Mining Engineering
 Doctor of Engineering (Physical Metallurgy)

The College of Engineering offers to its own graduates the following professional degrees:

Ch.E. (Chemical Engineer)
 C.E. (Civil Engineer)
 E.E. (Electrical Engineer)
 M.E. (Mechanical Engineer)
 Met.E. (Metallurgical Engineer)
 E.M. (Mining Engineer)

A student intending to pursue graduate work in another institution should inform himself regarding the requirements for entrance to that particular institution and plan his undergraduate work accordingly.

For further information regarding graduate work, see the graduate school section of this bulletin.

Curriculum Leading to the Degree of Bachelor of Science in Agricultural Engineering

FIRST SEMESTER		SECOND SEMESTER	
	Crs.		Crs.
Agr. Engr. 1a—The Engr. Profession	0	Agr. Engr. 1b—The Engr. Profession	0
English 1a—English Composition	3	English 1b—English Composition	3
Math. 17—College Algebra	3	Math. 19—Analytics & Calculus I	3
Math. 18—Plane Trigonometry	3	M. E. 5—Slide Rule	1
Chem. 2a—Gen. Chem. for Engrs.	4	Chem. 2b—Gen. Chem. for Engrs.	4
E. D. 1a—Elem. Engr. Drawing	2	E. D. 1b—Descriptive Geometry	2
Military or Air Science	2	Agron. 5—Intro. to Agronomy	3
Physical Education	1	Military or Air Science	2
	—	Physical Education	1
	18		19

FIRST SEMESTER		SECOND SEMESTER	
	Crs.		Crs.
Agr. Engr. 2a—The Engr. Profession	0	Agr. Engr. 2b—The Engr. Profession	0
Math. 20—Analytics & Calculus II	4	Math. 21—Analytics & Calculus III	4
Phys. 3a—General College Physics	3	Phys. 3b—General College Physics	3
Phys. 4a—Physics Laboratory	2	Phys. 4b—Physics Laboratory	2
C. E. 12—Plane Surveying	2	A. M. 3—Statics	3
Mech. Engr. 21—Shop Theory	1	Agron. 61—Soils	4
Mech. Engr. 22—Shop Practice	1	Military or Air Science	2
A. I. 1—Fm. Livestock Prod. or	3		
A. I. 21—Farm Dairying	3		
Military or Air Science	2		
	—		—
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