





























# Mining Engineering

## College of Engineering

Freshman Year		Hours	Junior Year		Hours
<b>First Semester</b>			<b>First Semester</b>		
H H D B Q J H H U	□ □	R U	D B □	□	
R S R R D R E D R □	□		H W H J □	□ □	□
J H H U S B D R □	§ □ □	□	H D B F H □	□	□
S □			B F R R H H D O	□	□
□ □ □ □			D F H H H J □	□ □	□
			R B D H □	□	□
<b>Second Semester</b>			<b>Second Semester</b>		
R S R R D R E D R □	□		B F R R B F D E □	□	□
J H H U S B D R □	§ □ □	□	B F B D B J D F H U	□ □	□
□ □ □ □ □ □ □ □ □ □		□	B H R D B Y H B S H R U J H H U		□
□ □ □	□ □		H H J H H U D E R R E □	□ □	□
D □	(PHY 220)		B F N F D E □	□ □	□
or		□ □ □			
D □	□ □	□ □ □			
□	□	□			
<b>Sophomore Year</b>			<b>Senior Year</b>		
<b>First Semester</b>			<b>First Semester</b>		
B S B R D B R B J □	□ □		H D F H U	□ □	□
D B □			H H O R □	□ □	□
□ D B O			H U B H H J □	□ □	□
J H H H U D H D O	□ □	□	H H J B M F □	□	□
B H D W H B □	□ □		R H H S □	□	□
<b>Second Semester</b>			<b>Second Semester</b>		
D H D B H R B J □	□ □		M B H D B B B □		
H F D E R H R D B R O	□ □	□	H J D H F D D R □	□ □	□
D B O	□		H H J B M F □		
B H R H H J □	□ □		R B O B D Y □	□ □	□
H R D B R O B R U	□ □		H D B F H J H F E D B F Y H □	□ □	□
H D H D H D D J H H D B F H H □	□	□	H F E D B F Y H □	□ □	□
S B Y H D D J □	□	□	R H B B O F □	□ □	□

□ Courses are required for Engineering Standing. A cumulative UK GPA of at least 2.5 and successful completion of all pre-major courses. Successful completion of the following courses with at least a 2.5 GPA: CIS 110/WRD 110, CHE 105, MA 113, MA 114, MA 213, and PHY 231. If a course is repeated, the best grade will be used for calculation of GPA in the above listed courses.

Students taking ENG 101 (ENG 101, ENG 101I or ENG 101W) and ENG 102 (ART 291W, BHS 291W, BIO 291W, CHE 391W, EGT 291W, ENG 102, ENG 104, ENG 151, ENG 151H, ENG 291, ENV 291W, HIS 291W, HSC 291W, MUS 291W, PHI 251, or PHI 251W) should also complete COM 252 (CMST 220), COM 281 (CMST 230), or COM 287.

§ Transfer students will take EGR 215, Introduction to the Practice of Engineering for Transfer Students, in place of EGR 101 and EGR 103.

† Students must complete both EGR 101 and EGR 103 to fulfill the UK Core Arts and Creativity requirement. Transfer students may satisfy the UK Core Arts and Creativity requirement by taking EGR 215.

¶ Students only required to take one lab. Consult with advisor.

[1] The Minerals Processing Technical Elective is to be chosen between MNG 575, Coal Preparation Design, and MNG 580, Mineral Processing Plant Design.

Graduation Composition and Communication Requirement (GCCCR) course.

†† MNG 335 satisfies the Statistical Inferential Reasoning requirement in the UK Core.

\*\*Courses recommended as technical electives are listed below. These courses must be chosen with the approval of the student's advisor to ensure that the curriculum includes sufficient engineering design content.

**Technical Electives:** Students are required to select their technical elective from the departmental courses listed below:  
MNG 511 Mine Power System Design  
MNG/MFS 520 Industrial Automation and Control  
MNG 531 Advanced Blast Design and Technology  
MNG 541 Computer Design of Mine Ventilation Systems  
& Online Chemistry courses do not transfer. Chemistry classes and labs must be in person.

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