

1 VII. Final Proposed Checklist of BS EM Curriculum

**BACHELOR OF SCIENCE IN MINING ENGINEERING**

**Department of Mining, Metallurgical and Materials Engineering**

UC Approval:  
149<sup>th</sup> UPD UC: 19 June 2018

Date of effectivity:  
2<sup>nd</sup> Semester of AY 2018-2019

**FIRST YEAR**

1 <sup>st</sup> Semester	21	units
GE 1 KAS 1 ✓	3	
EM 10	3	
Math 21*	4	
Chem 16	3	
Chem 16.1	2	
Physics 71	4	
ES 1	2	
PE	(2)	

2 <sup>nd</sup> Semester	20	units
GE 2 Eng 13/ Speech 30	3	
GE 3 Philo 1	3	
EM 121	3	
EM 122	3	
Math 22	4	
Geol 11	3	
Geol 11.1	1	
PE	(2)	

**SECOND YEAR**

1 <sup>st</sup> Semester	20	units
MetE 20	3	
Geol 41	5	
Math 23	4	
Physics 72	4	
ES 101	4	
PE	(2)	
NSTP	(3)	

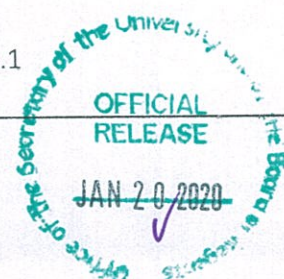
2 <sup>nd</sup> Semester	19	units
GE 4 Fil 40	3	
EM 141	5	
Geol 51	5	
EEE 3	3	
ES 102	3	
PE	(2)	
NSTP	(3)	

Midyear	3	units
EM 149	3	

**THIRD YEAR**

1 <sup>st</sup> Semester	20	units
EM 151	5	
EM 152	4	
Geol 112	4	
MMME 14	4	
ES 15	3	

2 <sup>nd</sup> Semester	19	units
GE 5 ARTS 1 ✓	3	
GE 6 Soc Sci 1** / Soc Sci 2	3	
EM 161	3	
EM 162	5	
MetE 20.1	2	
Elective	3	





Midyear	6	units
EM 169		6

**FOURTH YEAR**

1 <sup>st</sup> Semester	21	units
EM 171		3
EM 172		3
EM 190		1
Geol 193		5
ES 26		3
MMME 21		3
Elective		3

2 <sup>nd</sup> Semester	18	units
GE 7 Socio 10		3
GE 8 DRMAPS /		3
GE 9 STS 1 /		3
EM 181		3
EM 199		3
PI 100		3

**TOTAL**

<b>TOTAL</b>	<b>167</b>	<b>units</b>
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**NOTES:**

\*All students required to take Math 21 must have passed any of the following: (1) Pre-calculus from the STEM or equivalent strand of K-12; (2) The Validation Examination for Math 20 (Pre-calculus: Functions and Their Graphs) administered by the UPD Institute of Mathematics; or (3) Math 20 as a non-credit course.

\*\*Soc Sci 1 is subject to reconfiguration

As a requirement for graduation, all students must take six (6) units in one of the National Service Training Program (NSTP) components: Civic Welfare Training Service (CWTS), Literacy Training Service (LTS), and Reserved Officers' Training Corps Military Science (ROTC Mil Sci). These are offered by UPD.

