

**II. Final Proposed Checklist**

**BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING**  
**Department of Mining, Metallurgical and Materials Engineering**  
**College of Engineering**  
**166 units**

**FIRST YEAR**

1st Semester	18	units
Math 21*	4	
Chem 16	3	
Chem 16.1	2	
MetE 11	2	
EM 10	3	
Physics 71	4	
PE	(2)	

2nd Semester	20	units
GE 1 KAS 1	3	
Math 22	4	
Chem 26	3	
Chem 26.1	2	
MetE 13	2	
MMME 14	4	
ES 1	2	
PE	(2)	

**MIDYEAR**

Physics 72 - 4 units
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**SECOND YEAR**

1st Semester	21	units
MatE 11	3	
MetE 16	3	
MetE 17	3	
MetE 17.1	1	
Math 23	4	
ES 26	3	
ES 101	4	
NSTP	(3)	

2nd Semester	20	units
MetE 19	3	
MetE 176	3	
MetE 176.1	1	
MetE 121	3	
MetE 121.1	1	
MMME 21	3	
ES 102	3	
ES 15	3	
NSTP	(3)	

**THIRD YEAR**

1st Semester	20	units
GE 2 Fil 40	3	
GE 3 Eng 13/Speech 30	3	
MetE 177	3	

2nd Semester	18	units
GE 4 ARTS 1	3	
MetE 132	3	
MetE 132.1	1	

MetE 177.1	1
MetE 127	3
MetE 127.1	1
MMME Elective**	3
EEE 3	3
PE	(2)

MetE 179	3
MetE 198	1
MetE 134	3
MetE 134.1	1
MetE 197	3
PE	(2)

**MIDYEAR**

MetE 193 - 6 units

**FOURTH YEAR**

1st Semester	21 units
GE 5 Socio 10	3
GE 6 Philo 1	3
GE 7 DRMAPS	3
MetE 191	3
Met 194	3
MetE 199	3
EM 91	3

2nd Semester	18 units
GE 8 Soc Sci 1***/ Soc Sci 2	3
GE 9 STS 1	3
MetE 136	3
MetE 195	3
PI 100	3
Free Elective	3

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.

\*\* Students can choose from Semiconductor Materials and Processes, Polymer Materials and Processes or Ceramic Materials and Processes as MMME elective.

\*\*\*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.