

V. 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

SECOND YEAR

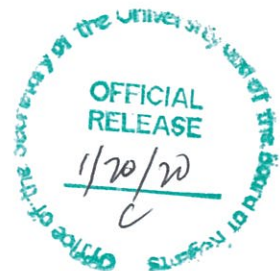
1st Semester	21 units
MatE 11	3
MetE 16	3
MetE 17	3
MetE 17.1	1
Math 23	4
ES 101	4
ES 26	3
NSTP	(3)

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

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



MetE 177	3
MetE 177.1	1
MetE 127	3
MetE 127.1	1
MMME Elective**	3
EEE 3	3
PE	(2)

MetE 132.1	1
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
MetE 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 – 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.

