

ME3101 & ME3102 Design Modules

The following is a summary of the level 3 design curriculum for ME students participating in NUS approved programmes.

Applicable to students matriculated in July 2002/2003 (related poly intake July 2003/2004) and after.

Group	Type of Design project (in-house or industry)	Semester 5	Break in Dec	Semester 6	Break in May to July	Semester 7	Break in Dec	Semester 8
Normal	Industry	Design ME3101		Design ME3102	Optional VIP (could be in the same company)			
SEP or IA	Industry	IA or SEP ⁴		Design ⁴ ME3101	Optional VIP (could be in the same company)	Design ^{4,7} ME3102		
				SEP or IA		Design ⁶ ME3101		Design ⁶ ME3102
	In-house	SEP ³ (ME3101 in SEP university)		Design ³ ME3102				
		Design ⁵ ME3101		SEP ⁵ (ME3102 in SEP university)				
		Design ME3101		SEP or IA ⁵		Design ⁵ ME3102		
NOC	Industry	NOC		NOC		Design ⁶ ME3101		Design ⁶ ME3102
	In House	Design ME3101		NOC		NOC		Design ME3102

Notes:

- 1) With effect from Academic Year 2014/2015, ME3101 and ME3102 will be offered in both Semesters 1 and 2 of each academic year.
- 2) SEP & NOC students are **ALLOWED** to map ME3101 or ME3102 to modules offered by overseas partner universities. This will be done the same way as the mapping of the other modules.
- 3) Those who participate in SEP in Semester 5 and have already mapped ME3101 in partner universities will carry out ME3102 in Semester 6 after their return. They will carry out **in-house projects**.
- 4) Those who participate in SEP in Semester 5 may be able to take up the industry-sponsored design projects, i.e. ME3101 and ME3102, in Semesters 6 and 7 respectively **provided** that there are industrial projects available, Else, you will take up in-house projects.
- 5) Those who participate in SEP in Semester 6 may take ME3101 in Semester 5 before leaving for SEP, and may map ME3102 offered by partner universities. If no mapping can be made, the students will have to continue with ME3102 in Semester 7. They will only carry out in-house projects. (Please note that the module offered by the overseas partner universities to be mapped for ME3102 must contain sufficient fabrication components.)
- 6) Students can also choose to do industry sponsored design projects in Semester 7 & 8 but do take note that you will also be taking FYP concurrently with ME3101 and ME3102. Hence you need to check if you can handle the workload.
- 7) ME3101 and ME3102 are a group project. Hence, student will be randomly assign to other groups if the returning group from SEP, IA or NOC is small.