

# RECOMMENDED STUDY PLAN

2016-2018

NAME \_\_\_\_\_.

DEGREE PROGRAM BEng Mid-Year Entry MAJOR Mechanical Engineering (BEH-MEN)

MINOR Physics

## First Year

SP7 Jun/Jul		Teaching period 2	
Subject Code	Subject Code	Prereq	Comment
MA1008	MA1009	MA1008	
	EG1010	Maths B	
	EG1012	Maths B	

## Second Year

SP3 Jan/Feb	Teaching period 1			Teaching period 2		
Subject Code	Subject Code	Prereq	Comment	Subject Code	Prereq	Comment
MA1003	EG1000	None		EG1011	PH1005 or Physics & Maths C	
	MA2000	MA1003		EG2010	None	
	EG1002	None		EE3600	EG1012 and MA2000	
	PH1005	Maths B		ME3512	MA2000	

## Third Year

Teaching period 1			Teaching period 2		
Subject Code	Prereq	Comment	Subject Code	Prereq	Comment
CS2001	EG1011		EG4013	(EG1000 + EG1002+ EG1010 + EG1011 + EG1012 + MA1000 + MA1003 + PH1005) or 36 CP	
ME2512	EG1011		ME2525	CS2001	
ME2521	EG1011		CS3008	MA2000 and ME2512	
PH2002	MA1003 + PH1005 + EG1011 + EG1012		ME4522	ME2512	

## Fourth Year

Teaching period 1			Teaching period 2		
Subject Code	Prereq	Comment	Subject Code	Prereq	Comment
EG4011	72 CP		EG4012	EG4011	
ME3511	MA2000 + ME2521		ME4515	ME2525	
Choose 1 subject from List 1 for this minor			Choose 1 subject from List 1 for this minor		
ME3515	EG2010 + ME2525	Even yrs <b>*Note</b>	ME3525	ME2525 + EG3001	

## Fifth Year

Teaching period 1		
Subject Code	Prereq	Comment
EG3001	EG1002 + EG1011 + MA2000	
EG3000	EG1000 + EG1002 + EG1010 + EG1011 + EG1012 + MA1000 + MA1003 + PH1005 or 36 CP	<b>*Note</b>
ME4513	CS3008	

**\*Note ME3515 only offered in even years – will need to swap with another subject depending on year.**

List of Subjects Available to this Minor: <u>List 1</u>			
SP1	Prereq	SP2	Prereq
PH2019 Intro to Electromagnetism Optics & Thermodynamics	PH1005 or EG1012	PH2240 Atomic & Nuclear Physics	PH2002 + MA1003
PH3008 Stats Mechanics & Transport	PH2019, PH2002 and MA2000	PH3002 Quantum Physics 2	MA2000 + PH2002 + PH2019
PH3019 Electromagnetic Phenomena	PH2019	PH3006 Oceanography & Meteorology	MA2000 + PH2019
		MA2201 Numerical Mathematics	MA1003
		MA3201 Numerical Mathematics	MA2000 + MA2201