

## 2017 STUDY PLAN

FOR ADVANCED STANDING - OFFICE USE ONLY								
<input checked="" type="checkbox"/> Please mark the box to indicate advanced standing granted (use <b>CONDITIONAL</b> to denote conditional advanced standing)								
Unspecified Elective Credit:	Level 1:	units	Level 2:	units	Level 3:	units	Level 4:	units
Student ID Number:			Student Name:			Date: 6/12/16		
Assessor Name:			Advanced Standing Granted: units			Remaining Program Duration: 5 years		
Applicant's Previous Institution:			Applicant's Previous Qualification:					
Assessor's Comments:								

This study plan should be used to guide enrolment for the current academic year. Some students may need to modify their enrolment based on previous study (e.g. students granted advanced standing/credit, students repeating previously failed courses).

BACHELOR OF ENGINEERING (HONOURS) (MECHATRONIC) AND BACHELOR OF ARTS					
YEAR 1	S1	C&ENVENG 1010 Engineering Mechanics - Statics (3 units) <input type="checkbox"/>	MECH ENG 1103 Introduction to Mechatronic Engineering (3 units) <input type="checkbox"/>	MATHS 1011 Mathematics IA (3 units) <input type="checkbox"/>	ARTS 1007 The Enquiring Mind: Freedom and Media (3 units) <input type="checkbox"/>
	S2	MECH ENG 1006 Design Graphics & Professional Practice (3 units) <input type="checkbox"/>	MECH ENG 1007 Engineering Mechanics - Dynamics (3 units) <input type="checkbox"/>	MATHS 1012 Mathematics IB (3 units) <input type="checkbox"/>	Arts Major Level I (3 units) <input type="checkbox"/>
YEAR 2	S1	MECH ENG 2100 Design Practice (3 units) <input type="checkbox"/>	ELEC ENG 1101 Electronic Systems (3 units) <input type="checkbox"/>	MATHS 2201 Engineering Mathematics IIA (3 units) <input type="checkbox"/>	Arts Major Level I or II (3 units) <input type="checkbox"/>
	S2	CHEM ENG 1009 Materials I (3 units) <input type="checkbox"/>	MECH ENG 2002 Stress Analysis & Design (3 units) <input type="checkbox"/>	MATHS 2202 Engineering Mathematics IIB (3 units) <input type="checkbox"/>	Arts Elective Level II (3 units) <input type="checkbox"/>
YEAR 3	S1	ELEC ENG 2105 Electronic Circuits M (3 units) <input type="checkbox"/>	MECH ENG 2021 Thermo-Fluids I (3 units) <input type="checkbox"/>	Arts Major Level II (3 units) <input type="checkbox"/>	Arts Major Level II (3 units) <input type="checkbox"/>
	S2	MECH ENG 2019 Dynamics & Control I (3 units) <input type="checkbox"/>	MECH ENG 2101 Mechatronics IM (3 units) <input type="checkbox"/>	Arts Major Level III Capstone course (6 units) (3 units) <input type="checkbox"/>	
YEAR 4	S1	MECH ENG 3103 Manufacturing Engineering & Quality Systems (3 units) <input type="checkbox"/>	MECH ENG 3105 Sustainability & the Environment (3 units) <input type="checkbox"/>	MECH ENG 3102 Heat Transfer & Thermodynamics (3 units) <input type="checkbox"/>	MECH ENG 3106 Mechatronics II (3 units) <input type="checkbox"/>

# FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES



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	S2	MECH ENG 3028 Dynamics & Control II (3 units) <input type="checkbox"/>	MECH ENG 3032 Micro-Controller Programming (3 units) <input type="checkbox"/>	MECH ENG 3027 Engineering Systems Design & Professional Practice (3 units) <input type="checkbox"/>	ELEC ENG 4059 Power Electronics & Drive Systems (3 units) <input type="checkbox"/>
YEAR 5	S1	MECH ENG 4143A Honours Project Part A (3 units) <input type="checkbox"/>	MECH ENG 4102 Advanced PID Control (3 units) <input type="checkbox"/>	MECH ENG 4124 Robotics M (3 units) <input type="checkbox"/>	Arts Major Level III (3 units) <input type="checkbox"/>
	S2	MECH ENG 4143B Honours Project Part B (6 units) <input type="checkbox"/>		Arts Major Level III (3 units) <input type="checkbox"/>	MECH ENG 4123 Advanced Digital Control (3 units) <input type="checkbox"/>

#Students who have not passed SACE Stage 2 Specialist Maths are required to enrol in MATHS 1013 Mathematics IM as a prerequisite to enrolling in MATHS 1011 Mathematics IA. The satisfactory completion of MATHS 1013 Mathematics IM is in addition to the normal requirements of this program. Students may manage their enrolment by enrolling in MATHS 1013 Mathematics IM in semester I, followed by MATHS 1011 Mathematics IA in semester 2, and MATHS 1012 Mathematics IB in Summer.

Arts Electives may be chosen from those listed in the Program Rules for the degree of Bachelor of Arts. Students must complete a major in accordance with the Program Rules for the Bachelor of Arts. Students commencing prior to 2016 may follow an earlier study plan or contact the Faculty of Arts for enrolment advice.

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Unspecified Elective Credit:	Level 1:	units	Level 2:	units	Level 3:	units	Level 4:	units
Student ID Number:			Student Name:			Date: 6/12/16		
Assessor Name:			Advanced Standing Granted: units			Remaining Program Duration: 4 years		
Applicant's Previous Institution:			Applicant's Previous Qualification:					
Assessor's Comments:								

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BACHELOR OF ENGINEERING (HONOURS) (MECHATRONIC) WITH BACHELOR OF ARTS – Semester 2 Start					
YEAR 1	S 2	MECH ENG 1006 Design Graphics & Professional Practice (3 units) <input type="checkbox"/>	MECH ENG 1007 Engineering Mechanics - Dynamics (3 units) <input type="checkbox"/>	MATHS 1011 Mathematics IA (3 units) <input type="checkbox"/>	ARTS 1007 The Enquiring Mind: Freedom and Media (3 units) <input type="checkbox"/>
		C&ENVENG 1010 Engineering Mechanics - Statics (3 units) <input type="checkbox"/>	MECH ENG 1103 Introduction to Mechatronic Engineering (3 units) <input type="checkbox"/>	MATHS 1012 Mathematics IB (3 units) <input type="checkbox"/>	Arts Major Level I (3 units) <input type="checkbox"/>
YEAR 2	S 1	CHEM ENG 1009 Materials I (3 units) <input type="checkbox"/>	MECH ENG 2002 Stress Analysis & Design (3 units) <input type="checkbox"/>	MATHS 2202 Engineering Mathematics IIB (3 units) <input type="checkbox"/>	Arts Major Level I or 2 (3 units) <input type="checkbox"/>
	S 2	ELEC ENG 1101 Electronic Systems (3 units) <input type="checkbox"/>	MECH ENG 2100 Design Practice (3 units) <input type="checkbox"/>	MATHS 2201 Engineering Mathematics IIA (3 units) <input type="checkbox"/>	Arts Elective Level II (3 units) <input type="checkbox"/>
YEAR 3	S 1	MECH ENG 2019 Dynamics & Control I (3 units) <input type="checkbox"/>	MECH ENG 2101 Mechatronics IM (3 units) <input type="checkbox"/>	Arts Major Level II (3 units) <input type="checkbox"/>	Arts Major Level II (3 units) <input type="checkbox"/>
	S 2	ELEC ENG 2105 Electronic Circuits M (3 units) <input type="checkbox"/>	MECH ENG 2021 Thermo-Fluids I (3 units) <input type="checkbox"/>	MECH ENG 3103 Manufacturing Engineering & Quality Systems (3 units) <input type="checkbox"/>	MECH ENG 3102 Heat Transfer & Thermodynamics (3 units) <input type="checkbox"/>
YEAR 4	S 1				

**2017 STUDY PLAN**

	S 2	MECH ENG 3028 Dynamics & Control II (3 units) <input type="checkbox"/>	MECH ENG 3032 Micro-Controller Programming (3 units) <input type="checkbox"/>	MECH ENG 3027 Engineering Systems Design & Professional Practice (3 units) <input type="checkbox"/>	ELEC ENG 4059 Power Electronics & Drive Systems (3 units) <input type="checkbox"/>
YEAR 5	S 1	MECH ENG 4143A Honours Project Part A (3 units) <input type="checkbox"/>	MECH ENG 4102 Advanced PID Control (3 units) <input type="checkbox"/>	MECH ENG 3106 Mechatronics II (3 units) <input type="checkbox"/>	MECH ENG 4124 Robotics M (3 units) <input type="checkbox"/>
	S 2	MECH ENG 4143B Honours Project Part B (6 units) <input type="checkbox"/>		MECH ENG 4123 Advanced Digital Control (3 units) <input type="checkbox"/>	Arts Major Level III (3 units) <input type="checkbox"/>
YEAR 6	S 1	MECH ENG 3105 Sustainability & The Environment (3 units) <input type="checkbox"/>	Arts Major Level III (3 units) <input type="checkbox"/>	Arts Major Level III Capstone course (6 units) <input type="checkbox"/>	

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