

## Bachelor of Engineering LBIF (2012)

Note: First year common to all streams

Program Code: LBIF	Area + Cat No	Units	School code(s)
<b>Year 1</b>			
<b>Period 2</b>			
Mathematical Methods for Engineers 1	MATH 1063	4.5	MAT
Engineering Materials	RENG 1005	4.5	NBE
Computer Techniques	COMP 1036	4.5	CIS/AME
Sustainable Engineering Practice	ENGG 1003	4.5	NBE
<b>Period 5</b>			
Mathematical Methods for Engineers 2	MATH 1064	4.5	MAT
Electrical and Energy Systems	EEET 1025	4.5	EIE
Mechanics and Physics	EEET 1024	4.5	EIE/AME
Engineering Design and Innovation	ENGG 1004	4.5	AME

<b>Stream S: Electrical and Systems Engineering</b>			
Program Code: LBIF	Area + Cat No	Units	School code
<b>Year 2</b>			
<b>Period 2</b>			
Mechanical Engineering Practice N OR Programming for Engineers	MENG 2009 COMP 1041	4.5	AME CIS
Electrical Circuit Theory	EEET 1003	4.5	EIE
Analog and Digital Electronic Fundamentals	EEET 2043	4.5	EIE
Calculus 3	MATH 2026	4.5	MAT
<b>Period 5</b>			
Principles of Computer Systems	EEET 1007	4.5	EIE
Electronic Devices and Circuits	EEET 2018	4.5	EIE
Electromechanics OR Programming Fundamentals	EEET 2044 EEET 1040	4.5	EIE CIS
Methods of Applied Mathematics 1	MATH 2028	4.5	MAT
<b>Year 3</b>			
<b>Period 2</b>			
Computer Hardware OR IT Physics	EEET 2022 PHYS 2001	4.5 4.5	EIE EIE
Signals and Systems	EEET 3041	4.5	EIE
Engineering Systems Thinking	EEET 3043	4.5	EIE
Digital Devices and Systems	EEET 3038	4.5	EIE
<b>Period 5</b>			
Professional Engineering Practice E	EEET 3033	4.5	EIE
Systems Engineering	EEET 3034	4.5	EIE
Technical Elective 1 (See Note 3)	EEET xxxx	4.5	EIE
Elective (See Note 1)		4.5	EIE
Practical Industrial Experience Reports (See Note 2)	EEET 3031	0	EIE
<b>Year 4 not available in 2012</b>			

## Notes

1. This program includes elective courses. A list of elective courses is available from the UniSA website via <http://www.unisanet.unisa.edu.au/programs>. The selection will be subject to availability and satisfaction of pre-requisite requirements.
2. All students must complete a period of industrial experience in a relevant industry prior to graduation. This program requires a minimum of 12 weeks of industrial experience in a relevant industry, which would normally be obtained from the second year of the program onwards. Assessment in the course Practical Industrial Experience Reports will remain incomplete until the student submits a written report and receives a pass.
3. The list of available technical electives is posted on the EIE School web page at [www.unisa.edu.au/eie](http://www.unisa.edu.au/eie) during enrolment time. Availability is contingent on sufficient enrolment.
4. If required for overseas professional accreditation purposes, students may elect to graduate with alternative nomenclature, e.g. Bachelor of Engineering (Electronic Engineering).