



UNIVERSITY
OF WOLLONGONG
AUSTRALIA

Manipal Academy of Higher Education (MAHE) ICAS

Institution:	Manipal Academy of Higher Education (MAHE), ICAS
Campus/Country	India
Institution Course/Major:	Bachelor of Science (Computer Science & Engineering)
UOW Course:	<i>Bachelor of Engineering (Hons) Computer and Telecommunications</i>

Students granted the maximum credit transfer will be exempt from the following UOW subjects:

Inst. Code	Institution Subject Name	UOW Code	UOW Subject Name	Credit Points
<i>IMA 111</i> <i>AND</i> <i>IMA 121</i> <i>OR</i> <i>MA 111</i> <i>AND</i> <i>MA 121</i>	<i>Mathematics – I</i> <i>Mathematics – II</i> <i>Mathematics – I</i> <i>Mathematics – II</i>	MATH141 MATH142	Foundations of Engineering Mathematics Essentials of Engineering Mathematics	6 6
<i>IMA 121</i> <i>AND</i> <i>IMA 231</i> <i>OR</i> <i>MA 121</i> <i>AND</i> <i>MA 231</i>	<i>Mathematics – II</i> <i>Mathematics – III</i> <i>Mathematics – II</i> <i>Mathematics – III</i>	MATH291	Differential Equations	3
<i>IPH 111</i> <i>AND</i> <i>IPH 121</i> <i>OR</i> <i>IPH 111</i> <i>AND</i> <i>IPH 121</i>	<i>Physics – I</i> <i>Physics – II</i> <i>Physics – I</i> <i>Physics – II</i>	PHYS143	Physics for Engineers	6



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<i>ICE 111</i> <i>OR</i> <i>CE 111</i>	<i>Mechanics of Solids</i> <i>Engineering Statics & Dynamics</i>	ENGG102	Fundamentals of Engineering Mechanics	6
<i>CE 111</i> <i>AND</i> <i>EN 111</i> <i>OR</i> <i>IHS 112</i> <i>AND</i> <i>IME 111</i>	<i>Engineering Statics & Dynamics</i> <i>Composition</i> <i>Communications Skills in English</i> <i>Engineering Graphics - I</i>	ENGG105	Engineering Design for Sustainability	6
<i>ICS 111</i> <i>AND</i> <i>ICE 111</i> <i>OR</i> <i>CS 111</i> <i>AND</i> <i>CE 111</i>	<i>Problem Solving Using Computers</i> <i>Mechanics of Solids</i> <i>Introduction to Computers & Programming</i> <i>Engineering Statics & Dynamics</i>	ENGG100	Engineering Computing and Analysis	6
<i>IEC231</i> <i>OR</i> <i>CS 241</i>	<i>Analog Electronic Circuits</i> <i>Electronic Devices & Computer Interfacing</i>	ECTE212	Electronics	6
<i>ICS232</i> <i>OR</i> <i>EC 231</i>	<i>Switching Circuits and Logic Design</i> <i>Combinational & Sequential Logic</i>	ECTE233	Digital Hardware	6
<i>IEE241</i>	<i>Signals and Signal Processing</i>	ECTE203	Signals and Systems	6
<i>ICS 122</i> <i>AND</i> <i>ICS 241</i> <i>OR</i> <i>CS 232</i> <i>AND</i> <i>CS 242</i>	<i>Computer Organization and Architecture</i> <i>Microprocessors</i> <i>Computer Organization and Assembly Language Programming</i> <i>Computer Architecture</i>	ECTE333	Microcontroller Architecture and Applications	6



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Inst. Code	Institution Subject Name	UOW Code	UOW Subject Name	Credit Points
<i>ICS 121 OR CS 243</i>	<i>Java Programming</i>	ECTE331	Real-time Embedded Systems	6
<i>ICH 121</i>	<i>Chemistry</i>	CHEM103*	Introductory Chemistry For Engineers	6
<i>ICS 111 AND ICS 233 AND ICS 244 AND IHS 241</i>	<i>Problem Solving Using Computers Software Design Using Object Oriented Paradigm Design and Analysis of Algorithms Engineering Economics and Management</i>	CSCI291 ECTE250	Programming for Engineers Engineering Design and Management 2	6 6

Total specified credit to be awarded:	87cp
Unspecified credit at 100-level (<i>for: both IHS 111 A Course in Psychology for Engineers, ICS 242 Database Management Systems</i>)	6cp
Unspecified credit at 200-level (<i>for both ICS 231 Data Structures, ICS 243 Operating Systems</i>)	6cp
Maximum eligible credit points of credit transfer	99cp

Notes:

* Students will need exemption for ENGG103, on the basis of CHEM103. This applies only to Computer and Telecommunications students using this program.

NOTE: Spring entry is preferred due to ENGG104->ECTE202 pre-requisites. Autumn entry may be possible, but requires overloading in at least one session.