



UNIVERSITY  
OF WOLLONGONG  
AUSTRALIA

**MIT-ADT UNIVERSITY**  
**BACHELOR OF TECHNOLOGY – COMPUTER SCIENCE &  
ENGINEERING – MIT-5**

On completion of the above program the student granted the maximum credit transfer will be exempt from the following UOW subjects:

<b>Inst. Code</b>	<b>Institution Subject Name</b>	<b>UOW Code</b>	<b>UOW Subject Name</b>	<b>Credit Points</b>
17CS101	<i>Linear Algebra and Calculus</i>	MATH141	Foundations of Engineering Mathematics	6
17CS201	<i>Differential Equations and Calculus</i>	MATH142	Essentials of Engineering Mathematics	6
17CS301	<i>Complex Variables and Transforms</i>	MATH291	Differential Equations	3
17CS102	<i>Engineering Physics</i>	PHYS143	Physics For Engineers	6
17CS111	<i>Physics Laboratory</i>	ENGG104	Electrical Systems	6
17CS103	<i>Basics of Electrical and Electronics Engineering</i>			
17CS203	<i>Materials Engineering</i>	ENGG103	Materials in Design	6
17CS105	<i>Engineering Graphics</i>	ENGG105	Engineering Design for Sustainability	6
17CS106	<i>English Communication</i>			
17CS113	<i>Engineering Practices</i>			
17CS303	<i>Environmental Engineering</i>			
17CS104	<i>Fundamentals of Computer Programming</i>	ENGG100	Engineering Computing and Analysis	6
17CS112	<i>C Programming Laboratory</i>	CSCI291	Programming for Engineers	6
17CS204	<i>Object Oriented Programming in C++</i>			
17CS212	<i>C++ Programming Laboratory</i>			
17CS302	<i>Data Structures</i>			
17CS311	<i>Data Structures Laboratory</i>			
17CS320	<i>Mini Project –I</i>			
17CS103	<i>Basics of Electrical and Electronics Engineering</i>	ECTE233	Digital Hardware	6
		ECTE331	Real-time Embedded Systems	6
17CS205	<i>Principles of Digital Systems</i>			
17CS304	<i>Microprocessors and Interfacing</i>	ECTE333	Microcontroller Architecture and Applications	6
17CS312	<i>Microprocessors and Interfacing Laboratory</i>	ECTE432	Computer Architecture	6
17CS404	<i>Computer Architecture</i>			
17CS402	<i>Advance Data Structure and</i>			



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<i>17CS411</i>	<i>Algorithms Advance Data Structure Laboratory</i>			
<i>17CS206</i> <i>17CS420</i>	<i>Professional Communication Mini Project-II</i>	ECTE250	Engineering Design and Management 2	<b>6</b>

<b>Total specified credit to be awarded:</b>	<b>87</b>
Unspecified credit at 100-level <i>Any TWO of: 17CS405, 17CS202, 17CS211</i> – ListB	<b>6</b>
Unspecified credit at 200-level <i>Any TWO of: 17CS305, 17CS401, 17IS403, 17IS412</i> – SECTE/ListA	<b>6</b>
<b>Maximum eligible credit points of credit transfer</b>	<b>93CP</b>

**Notes:**

**\*Note that the degree can be completed in 2 years, however one semester will have to be overloaded by 3CP as students will still need to do STAT291**