

**A Summary of  
Academic Unit Requirements for Degree Programmes at NTU  
For Direct Entry Students Admitted in 2015-2016**

Programme	Year of Study	Number of Academic Units (AUs)								
		Major Requirements		General Education Requirement (GER)					UE	Total
				GER Core	GER Prescribed Electives			Any Category (BM, LA, STS)		
		Core	Major PE		BM	LA	STS			
Aerospace Engineering (PI@)	2	40		4				3		47
	3	26		5						31
	4	23	6	3						32
	<b>Total</b>	<b>89</b>	<b>6</b>	<b>12</b>	<b>3</b>				<b>0</b>	<b>110</b>
Bioengineering (PI@)	2	40		4						44
	3	25		4				3		32
	4	15	9	4					6	34
	<b>Total</b>	<b>80</b>	<b>9</b>	<b>12</b>	<b>3</b>				<b>6</b>	<b>110</b>
Biological Sciences	2	15	9	7			3		6	40
	3		21	5	3	3				32
	4		24				3			27
	<b>Total</b>	<b>15</b>	<b>54</b>	<b>12</b>	<b>12</b>				<b>6</b>	<b>99</b>
Chemical & Biomolecular Engineering (PI@)	2	41		4						45
	3	29	3	7				3		42
	4	12	6	1					3	22
	<b>Total</b>	<b>82</b>	<b>9</b>	<b>12</b>	<b>3</b>				<b>3</b>	<b>109</b>
Civil Engineering (PI@)	2	35		4						39
	3	34	3	3			3			43
	4	16	6	5						27
	<b>Total</b>	<b>85</b>	<b>9</b>	<b>12</b>	<b>3</b>				<b>0</b>	<b>109</b>
Electrical and Electronic Engineering (PI@)	2	38		4						42
	3	22	6	2						30
	4	12	13	6				3	3	37
	<b>Total</b>	<b>72</b>	<b>19</b>	<b>12</b>	<b>3</b>				<b>3</b>	<b>109</b>
Environmental Engineering (PI@)	2	38		4						42
	3	31	3	3			3			40
	4	16	6	5						27
	<b>Total</b>	<b>85</b>	<b>9</b>	<b>12</b>	<b>3</b>				<b>0</b>	<b>109</b>
Information Engineering & Media (PI@)	2	34		5						39
	3	24		5						29
	4	20	13	6	3					42
	<b>Total</b>	<b>78</b>	<b>13</b>	<b>16</b>	<b>3</b>				<b>0</b>	<b>110</b>
Materials Engineering (PI@)	2	32		5				3		40
	3	24		4				3		31
	4	17	12	3					6	38
	<b>Total</b>	<b>73</b>	<b>12</b>	<b>12</b>	<b>6</b>				<b>6</b>	<b>109</b>
Mechanical Engineering (Mainstream) (PI@)	2	37		4						41
	3	27		5						32
	4	18	12	3				3		36
	<b>Total</b>	<b>82</b>	<b>12</b>	<b>12</b>	<b>3</b>				<b>0</b>	<b>109</b>

Description

@ PI – Professional Internship (for Engineering Programmes). Refer to School's website for AU requirement of other attachment option.  
+ For students without 'A' Level Physics and who need to read PH1012 Physics A (4 AUs).

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BM - Business & Management  
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		Core	Major PE		BM	LA	STS			Any Category (BM, LA, STS)
Mechanical Engineering (Design / Mechatronics Stream) (PI®)	2	37		4						41
	3	27		5						32
	4	18	12	3				3		36
	<b>Total</b>	<b>82</b>	<b>12</b>	<b>12</b>	<b>3</b>				<b>0</b>	<b>109</b>
Sport Science & Management	2	21	6	8				3	3	41
	3	3	18	4	3	3	3		9	43
	4	16	3					3	3	25
	<b>Total</b>	<b>40</b>	<b>27</b>	<b>12</b>	<b>15</b>				<b>15</b>	<b>109</b>

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