# A Summary of
# Academic Unit Requirements for Degree Programme at NTU
# For Year 1 Students Admitted in 2011-2012

Degree Programmes:

- Single Degree Programmes
- Single Degree (CN Yang) Programmes
- Double Degree Programmes
- Integrated Programme

## Single Degree

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | GER Core | GER Prescribed Electives | | | | | UE | Total |
| | | Core | Major PE | | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | | |
| **Accountancy** | | | | | | | | | | | |
| • Group A | 1 | 27 | | 5 | | | | | | | |
| | 2 | 27 | | 7 | | | | 3 | | | |
| | 3 | 16 | | | 3 | 3 | | | | 12 | |
| | **Total** | **70** | N/A | **12** | | | **9** | | | **12** | **103** |
| • Group B | 1 | 23 | | 5 | | 3 | | | | | |
| | 2 | 27 | | 7 | | | | 3 | | 3 | |
| | 3 | 20 | | | 3 | | | | | 9 | |
| | **Total** | **70** | N/A | **12** | | | **9** | | | **12** | **103** |
| Art Design & Media | 1 | 27 | | 6 | 3 | | | | | | 36 |
| | 2 | 15 | | 6 | | 3 | 3 | | | 9 | 36 |
| | 3 | 16 | 3 | | | | | 3 | 3 | 6 | 31 |
| | 4 | 12 | 6 | | | | | | | 9 | 27 |
| | **Total** | **70** | **9** | **12** | | | **15** | | | **24** | **130** |
| Aerospace Engineering (IO – Default attachment@) | 1 | 16/17+ | | 2 | 3 | 3 | | 3 | | 5 | |
| | 2 | 24 | | 2 | | 3 | | | | 7 | |
| | 3 | 31 | | 3 | | | 3 | | | 3 | |
| | 4 | 19 | 6 | 5 | | | | | | | |
| | **Total** | **90/91+** | **6** | **12** | | | **15** | | | **15** | **138/139+** |
| **Business** | | | | | | | | | | | |
| • Actuarial Science | 1 | 27 | | 5 | | | | | | | |
| | 2 | 25 | | 7 | | | | 3 | | 6 | |
| | 3 | 20 | | | 3 | 3 | | | | 6 | |
| | **Total** | **72** | N/A | **12** | | | **9** | | | **12** | **105** |
| • Banking & Finance | 1 | 27 | | 5 | | | | | | | |
| | 2 | 15 | 12 | 7 | | | | 3 | | 3 | |
| | 3 | 12 | 4 | | 3 | 3 | | | | 9 | |
| | **Total** | **54** | **16** | **12** | | | **9** | | | **12** | **103** |
| • Human Resource Consulting | 1 | 27 | | 5 | | | | | | | |
| | 2 | 11 | 16 | 7 | | | | 3 | | 3 | |
| | 3 | 8 | 8 | | 3 | 3 | | | | 9 | |
| | **Total** | **46** | **24** | **12** | | | **9** | | | **12** | **103** |
| • Information Technology | 1 | 27 | | 5 | | | | | | | |
| | 2 | 19 | 8 | 7 | | | | 3 | | 3 | |
| | 3 | 8 | 8 | | 3 | 3 | | | | 9 | |
| | **Total** | **54** | **16** | **12** | | | **9** | | | **12** | **103** |

Description
@ Refer to School's website for AU requirement of other attachment options.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

# A Summary of
# Academic Unit Requirements for Degree Programme at NTU
# For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| • Marketing | 1 | 27 | | 5 | | | | | | | |
| | 2 | 23 | 4 | 7 | | | | 3 | | 3 | |
| | 3 | 12 | 4 | | 3 | 3 | | | | 9 | |
| | **Total** | **62** | **8** | **12** | | | | **9** | | **12** | **103** |
| • Tourism & Hospitality Management | 1 | 27 | | 5 | | | | | | | |
| | 2 | 27 | | 7 | | | | 3 | | 3 | |
| | 3 | 16 | | | 3 | 3 | | | | 9 | |
| | **Total** | **70** | N/A | **12** | | | | **9** | | **12** | **103** |
| Bioengineering (IA Option) | 1 | 32 | | 2 | 3 | 3 | | | | | 40 |
| | 2 | 30 | | 2 | | | 3 | 3 | | 3 | 41 |
| | 3 | 24 | | | | | | | | 3 | 27 |
| | 4 | 11 | 3 | 8 | | | | | 3 | 5 | 30 |
| | **Total** | **97** | **3** | **12** | | | | **15** | | **11** | **138** |
| Biological Sciences | 1 | 21 | | | | | | 3 | | 9 | 33 |
| | 2 | 15 | 9 | 6 | | | | | | 6 | 36 |
| | 3 | | 21 | 6 | | 3 | 3 | | 3 | | 36 |
| | 4 | 12 | 12 | | 3 | | | | | | 27 |
| | **Total** | **48** | **42** | **12** | | | | **15** | | **15** | **132** |
| Chemical & Biomolecular Engineering (IA Option) | 1 | 30 | | 2 | 3 | 3 | | | | 3 | 41 |
| | 2 | 29 | | 2 | | | 3 | | | 5 | 39 |
| | 3 | 22 | | 5 | | | | 3 | | | 30 |
| | 4 | 10 | 9 | 3 | | | | | 3 | 3 | 28 |
| | **Total** | **91** | **9** | **12** | | | | **15** | | **11** | **138** |
| Chemistry & Biological Chemistry | 1 | 24 | | 3 | | 3 | | | | 3 | 33 |
| | 2 | 18 | | 6 | 3 | | | | 3 | 6 | 36 |
| | 3 | 18 | | 3 | | | 3 | 3 | | 9 | 36 |
| | 4 | | 24 | | | | | | | 3 | 27 |
| | **Total** | **60** | **24** | **12** | | | | **15** | | **21** | **132** |
| Chinese | 1 | 15 | | 6 | 3 | | | | | 9 | 33 |
| | 2 | 6 | 12 | 3 | | 3 | | 3 | | 9 | 36 |
| | 3 | 6 | 6 | 3 | | | 3 | | | 12 | 30 |
| | 4 | 8 | 16 | | | | | | 3 | | 27 |
| | **Total** | **35** | **34** | **12** | | | | **15** | | **30** | **126** |
| Civil Engineering (IO – Default attachment@) | 1 | 24/25+ | | 5 | 3 | | | | | | 32/33+ |
| | 2 | 26 | | 2 | | | | | | 6 | 34 |
| | 3 | 22 | | 2 | | 3 | | 3 | 3 | 3 | 36 |
| | 4 | 15 | 9 | 3 | | | 3 | | | 6 | 36 |
| | **Total** | **87/88+** | **9** | **12** | | | | **15** | | **15** | **138/139+** |
| Communication Studies | 1 | 12 | | 6 | | | | | 3 | 12 | 33 |
| | 2 | 3 | 12 | 6 | | | | | 3 | 9 | 33 |
| | 3 | 16 | 8 | | | | | | 9 | | 33 |
| | 4 | 16 | 4 | | | | | | | 9 | 29 |
| | **Total** | **47** | **24** | **12** | | | | **15** | | **30** | **128** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

# A Summary of
# Academic Unit Requirements for Degree Programme at NTU
# For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Computer Engineering | 1 | 23 | | 5 | | 3 | | | | | 31 |
| | 2 | 21 | | 5 | | | | 3 | 3 | 3 | 35 |
| | 3 | 26 | 3 | 2 | | | 3 | | | 6 | 40 |
| | 4 | 8 | 15 | | 3 | | | | | 6 | 32 |
| | **Total** | **78** | **18** | **12** | **15** | | | | | **15** | **138** |
| Computer Science | 1 | 23 | | 5 | | 3 | | | | | 31 |
| | 2 | 21 | | 5 | | | | 3 | 3 | 3 | 35 |
| | 3 | 26 | 3 | 2 | | | 3 | | | 6 | 40 |
| | 4 | 8 | 15 | | 3 | | | | | 6 | 32 |
| | **Total** | **78** | **18** | **12** | **15** | | | | | **15** | **138** |
| Economics | 1 | 18 | 6 | 6 | 3 | | | | | 6 | 39 |
| | 2 | 4 | 12 | 3 | | 3 | | 3 | | 6 | 31 |
| | 3 | | 12 | 3 | | | 3 | | | 9 | 27 |
| | 4 | 8 | 9 | | | | | | 3 | 9 | 29 |
| | **Total** | **30** | **39** | **12** | **15** | | | | | **30** | **126** |
| Electrical and Electronic Engineering (IO – Default attachment@) | 1 | 20/21+ | | 2 | 3 | | | | | 6 | 31/32+ |
| | 2 | 35 | | 2 | | | | | | | 37 |
| | 3 | 14 | 6 | 3 | | 3 | | | 3 | 9 | 38 |
| | 4 | 8 | 13 | 5 | | | 3 | 3 | | | 32 |
| | **Total** | **77/78+** | **19** | **12** | **15** | | | | | **15** | **138/139+** |
| Electrical & Electronic Engineering (Part-time) | 1 | 19 | | | | | | | | | |
| | 2 | 21 | | | | | | | | | |
| | 3 | 15 | 6 | | | | | | | | |
| | 4 | 8/5^ | 8/11^ | | | | | | | | |
| | 5 | 13 | 8 | | | | | | | | |
| | **Total** | **76/73^** | **22/25^** | N/A | **0** | | | N/A | N/A | **0** | **98** |
| English | 1 | 21 | | 6 | 3 | | | | | 9 | 39 |
| | 2 | | 15 | 3 | | 3 | | 3 | | 9 | 33 |
| | 3 | | 15 | 3 | | | 3 | | | 9 | 30 |
| | 4 | 8 | 10 | | | | | | 3 | 3 | 24 |
| | **Total** | **29** | **40** | **12** | **15** | | | | | **30** | **126** |
| Environmental Engineering (IO – Default attachment@) | 1 | 19/20+ | | 7 | 3 | | | | | 3 | 32/33+ |
| | 2 | 31 | | | | | | | | 3 | 34 |
| | 3 | 22 | | 2 | | 3 | | 3 | 3 | 3 | 36 |
| | 4 | 15 | 9 | 3 | | | 3 | | | 6 | 36 |
| | **Total** | **87/88+** | **9** | **12** | **15** | | | | | **15** | **138/139+** |
| Information Engineering & Media (IO – Default attachment@) | 1 | 28/29+ | | 3 | 3 | | | | | | 34/35+ |
| | 2 | 27 | | 3 | | 3 | | 3 | | | 36 |
| | 3 | 18 | | 3 | | | | | 3 | 12 | 36 |
| | 4 | 8 | 13 | 5 | | | 3 | | | 3 | 32 |
| | **Total** | **81/82+** | **13** | **14** | **15** | | | | | **15** | **138/139+** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

# A Summary of
# Academic Unit Requirements for Degree Programme at NTU
# For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Linguistics & Multilingual Studies | 1 | 15 | 6 | 6 | 3 | | | | | 9 | 39 |
| | 2 | 9 | 9 | 3 | | 3 | | 3 | | 9 | 36 |
| | 3 | | 10 | 3 | | | 3 | | | 9 | 25 |
| | 4 | 8 | 12 | | | | | | 3 | 3 | 26 |
| | **Total** | **32** | **37** | **12** | | | **15** | | | **30** | **126** |
| Maritime Studies | 1 | 23 | | 5 | | | | | | 3 | 31 |
| | 2 | 17 | | 2 | | 3 | | 3 | | 6 | 31 |
| | 3 | 22 | | 5 | 3 | | | | 3 | 3 | 36 |
| | 4 | 17 | 9 | | | | 3 | | | 3 | 32 |
| | **Total** | **79** | **9** | **12** | | | **15** | | | **15** | **130** |
| Maritime Studies with Business Major | 1 | 27 | | 5 | | | | 3 | | | 35 |
| | 2 | 31 | | 2 | | | | | | 3 | 36 |
| | 3 | 26 | | 5 | 3 | 3 | | | | | 37 |
| | 4 | 25 | 9 | | | | | | 3 | 3 | 40 |
| | **Total** | **109** | **9** | **12** | | | **12** | | | **6** | **148** |
| Materials Engineering (IO – Default attachment@) | 1 | 24/25+ | | 2 | 3 | | 3 | | | 3 | 35/36+ |
| | 2 | 23 | | 3 | | 3 | | 3 | | 6 | 38 |
| | 3 | 23 | | 4 | | | | | 3 | 6 | 36 |
| | 4 | 11 | 15 | 3 | | | | | | | 29 |
| | **Total** | **81/82+** | **15** | **12** | | | **15** | | | **15** | **138/139+** |
| Mathematics & Economics | 1 | 28 | | 3 | | 3 | | | | | 34 |
| | 2 | 22 | | 6 | | | | 3 | | | 31 |
| | 3 | 17 | 12 | 3 | | | 3 | | | | 35 |
| | 4 | | 23 | | | | | | | 9 | 32 |
| | **Total** | **67** | **35** | **12** | | | **9** | | | **9** | **132** |
| Mathematical Sciences – Applied Mathematics | 1 | 26 | | 3 | 3 | | | | | | 32 |
| | 2 | 22 | | 6 | | 3 | | | | 3 | 34 |
| | 3 | 11 | 7 | 3 | | | 3 | | | 9 | 33 |
| | 4 | | 18 | | | | | 3 | 3 | 9 | 33 |
| | **Total** | **59** | **25** | **12** | | | **15** | | | **21** | **132** |
| Mathematical Sciences – Pure Mathematics | 1 | 26 | | 3 | 3 | | | | | | 32 |
| | 2 | 22 | | 6 | | 3 | | | | 3 | 34 |
| | 3 | 11 | 7 | 3 | | | 3 | | | 9 | 33 |
| | 4 | | 18 | | | | | 3 | 3 | 9 | 33 |
| | **Total** | **59** | **25** | **12** | | | **15** | | | **21** | **132** |
| Mathematical Sciences – Statistics | 1 | 26 | | 3 | 3 | | | | | | 32 |
| | 2 | 26 | | 6 | | 3 | | | | | 35 |
| | 3 | 7 | 7 | 3 | | | 3 | | | 12 | 32 |
| | 4 | | 18 | | | | | 3 | 3 | 9 | 33 |
| | **Total** | **59** | **25** | **12** | | | **15** | | | **21** | **132** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

# A Summary of
# Academic Unit Requirements for Degree Programme at NTU
# For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Mechanical Engineering (Mainstream) (IO – Default attachment@) | 1 | 19/20+ | | 2 | 3 | | | 3 | | 3 | |
| | 2 | 25 | | 2 | | 3 | | | | 9 | |
| | 3 | 23 | | 6 | | | 3 | | 3 | 3 | |
| | 4 | 17 | 12 | 2 | | | | | | | |
| | **Total** | **84/85+** | **12** | **12** | **15** | | | | | **15** | **138/139+** |
| Mechanical Engineering (Design stream) (IO – Default attachment@) | 1 | 19/20+ | | 2 | 3 | | | 3 | | 3 | |
| | 2 | 25 | | 2 | | 6 | | | | 3 | |
| | 3 | 23 | 6 | 6 | | | 3 | | | 3 | |
| | 4 | 17 | 6 | 2 | | | | | | 6 | |
| | **Total** | **84/85+** | **12** | **12** | **15** | | | | | **15** | **138/139+** |
| Mechanical Engineering (Mechatronics stream) (IO – Default attachment@) | 1 | 19/20+ | | 2 | 3 | | | 3 | | 3 | |
| | 2 | 25 | | 2 | | 6 | | | | 3 | |
| | 3 | 23 | 6 | 6 | | | 3 | | | 3 | |
| | 4 | 17 | 6 | 2 | | | | | | 6 | |
| | **Total** | **84/85+** | **12** | **12** | **15** | | | | | **15** | **138/139+** |
| Mechanical Engineering (Part-time) | 1 | 22*/19# | | | | | | | | | |
| | 2 | 21 | | | | | | | | | |
| | 3 | 19 | | | | | | | | | |
| | 4 | 12 | | | | | | | | | |
| | 5 | 18 | | | | | | | | | |
| | **Total** | **92*/89#** | **12** | N/A | **0** | | | N/A | N/A | **0** | **104*/101#** |
| Physics & Applied Physics – Physics | 1 | 29 | | 3 | | | | | | | 32 |
| | 2 | 23 | | 6 | 3 | | | | | | 32 |
| | 3 | 10 | 7 | 3 | | 3 | 3 | | | 9 | 35 |
| | 4 | | 20 | | | | | 3 | 3 | 7 | 33 |
| | **Total** | **62** | **27** | **12** | **15** | | | | | **16** | **132** |
| Physics & Applied Physics – Applied Physics | 1 | 29 | | 3 | | | | | | | 32 |
| | 2 | 25 | | 6 | 3 | | | | | | 34 |
| | 3 | 8 | 7 | 3 | | 3 | 3 | | | 9 | 33 |
| | 4 | | 20 | | | | | 3 | 3 | 7 | 33 |
| | **Total** | **62** | **27** | **12** | **15** | | | | | **16** | **132** |
| Physics with second major in Mathematical Sciences – Applied Mathematics | 1 | 42 | | 3 | | | | | | | 45 |
| | 2 | 42 | | 6 | | | | | | | 48 |
| | 3 | 21 | 14 | 3 | 3 | 3 | | | | | 44 |
| | 4 | | 30 | | | | 3 | 3 | 3 | | 39 |
| | **Total** | **105** | **44** | **12** | **15** | | | | | **0** | **176** |
| Physics with second major in Mathematical Sciences – Pure Mathematics | 1 | 42 | | 3 | | | | | | | 45 |
| | 2 | 42 | | 6 | | | | | | | 48 |
| | 3 | 21 | 14 | 3 | 3 | 3 | | | | | 44 |
| | 4 | | 30 | | | | 3 | 3 | 3 | | 39 |
| | **Total** | **105** | **44** | **12** | **15** | | | | | **0** | **176** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Physics with second major in Mathematical Sciences – Statistics | 1 | 42 | | 3 | | | | | | | 45 |
| | 2 | 46 | | 6 | | | | | | | 52 |
| | 3 | 17 | 14 | 3 | 3 | 3 | | | | | 40 |
| | 4 | | 30 | | | | 3 | 3 | 3 | | 39 |
| | **Total** | **105** | **44** | **12** | **15** | | | | | **0** | **176** |
| Psychology | 1 | 15 | | 6 | 3 | | | | | 9 | 33 |
| | 2 | 12 | 6 | 3 | | 3 | | 3 | | 9 | 36 |
| | 3 | | 16 | 3 | | | 3 | | | 9 | 31 |
| | 4 | 8 | 12 | | | | | | 3 | 3 | 26 |
| | **Total** | **35** | **34** | **12** | **15** | | | | | **30** | **126** |
| Sociology | 1 | 12 | 6 | 6 | 3 | | | | | 6 | 33 |
| | 2 | 6 | 12 | 3 | | 3 | | 3 | | 9 | 36 |
| | 3 | 7 | 6 | 3 | | | 3 | | | 9 | 28 |
| | 4 | 8 | 12 | | | | | | 3 | 6 | 29 |
| | **Total** | **33** | **36** | **12** | **15** | | | | | **30** | **126** |
| Sport Science & Management | 1 | 18 | 6 | 9 | | | | | | | |
| | 2 | 21 | 3 | 3 | 3 | 3 | | | | 3 | |
| | 3 | 3 | 18 | | | | 3 | 3 | 3 | 6 | |
| | 4 | 16 | | | | | | | | 6 | |
| | **Total** | **58** | **27** | **12** | **15** | | | | | **15** | **127** |

### Single Degree (CN Yang)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Aerospace Engineering (IO – Default attachment@) | 1 | 30 | 6 | 2 | | | | 3 | | 2 | |
| | 2 | 31 | | 2 | | 3 | | | | | |
| | 3 | 33 | | 3 | | | | | | | |
| | 4 | 19 | 6 | 5 | | | | | | | |
| | **Total** | **113** | **12** | **12** | **6** | | | | | **2** | **145** |
| Biological Sciences | 1 | 36 | 6 | | | | | | | | |
| | 2 | 23 | 9 | 3 | | | | 3 | | | |
| | 3 | | 21 | 6 | | | 3 | | | | |
| | 4 | 12 | 9 | | 3 | | | | | | |
| | **Total** | **71** | **45** | **9** | **9** | | | | | **0** | **134** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

# A Summary of
# Academic Unit Requirements for Degree Programme at NTU
# For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Bioengineering (IO – Default attachment@) | 1 | 33 | 6 | | | | | | | | 39 |
| | 2 | 34 | | 4 | | | | | | | 38 |
| | 3 | 23 | | | 3 | | 3 | 3 | 3 | | 35 |
| | 4 | 14 | 3 | 8 | | 3 | | | | | 28 |
| | **Total** | **104** | **9** | **12** | **15** | | | | | **0** | **140** |
| Chemical & Biomolecular Engineering (IO – Default attachment@) | 1 | 32 | 6 | 2 | | | | | | | 40 |
| | 2 | 35 | | 2 | | | | | | | 37 |
| | 3 | 21 | | 5 | 3 | | 3 | 3 | 3 | | 38 |
| | 4 | 10 | 9 | 3 | | 3 | | | | | 25 |
| | **Total** | **98** | **15** | **12** | **15** | | | | | **0** | **140** |
| Civil Engineering (IO – Default attachment@) | 1 | 34 | 6 | 5 | | | | | | | 45 |
| | 2 | 35 | | 2 | | | | | | | 37 |
| | 3 | 22 | | 2 | 3 | | | 3 | | | 30 |
| | 4 | 15 | 9 | 3 | | | 3 | | | | 30 |
| | **Total** | **106** | **15** | **12** | **9** | | | | | **0** | **142** |
| Computer Engineering | 1 | 35 | 6 | | | | | | | | 41 |
| | 2 | 26 | | 10 | | | | | | | 36 |
| | 3 | 29 | | 2 | | | 3 | | | | 34 |
| | 4 | 14 | 12 | | | | | 3 | | | 29 |
| | **Total** | **104** | **18** | **12** | **6** | | | | | **0** | **140** |
| Computer Science | 1 | 35 | 6 | | | | | | | | 41 |
| | 2 | 26 | | 10 | | | | | | | 36 |
| | 3 | 29 | | 2 | | | 3 | | | | 34 |
| | 4 | 14 | 12 | | | | | 3 | | | 29 |
| | **Total** | **104** | **18** | **12** | **6** | | | | | **0** | **140** |
| Electrical and Electronic Engineering (IO – Default attachment@) | 1 | 30 | 6 | 2 | 3 | | | | | | 41 |
| | 2 | 35 | | | | | | | | 4 | 39 |
| | 3 | 14 | 6 | 5 | | 3 | | 3 | 3 | | 34 |
| | 4 | 8 | 13 | 5 | | | 3 | | | | 29 |
| | **Total** | **87** | **25** | **12** | **15** | | | | | **4** | **143** |
| Environmental Engineering (IO – Default attachment@) | 1 | 33 | 6 | 5 | | | | | | | 44 |
| | 2 | 32 | | 2 | | | | | | | 34 |
| | 3 | 26 | | 2 | 3 | | | 3 | | | 34 |
| | 4 | 15 | 9 | 3 | | | 3 | | | | 30 |
| | **Total** | **106** | **15** | **12** | **9** | | | | | **0** | **142** |
| Materials Engineering (IO – Default attachment@) | 1 | 33 | 6 | | | | | | | | 39 |
| | 2 | 31 | | 2 | 3 | | | | | | 36 |
| | 3 | 23 | | 7 | | | 3 | 3 | | | 36 |
| | 4 | 11 | 15 | 3 | | | | | | | 29 |
| | **Total** | **98** | **21** | **12** | **9** | | | | | **0** | **140** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

# A Summary of
# Academic Unit Requirements for Degree Programme at NTU
# For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Mechanical Engineering (Mainstream) (IO – Default attachment@) | 1 | 33 | 6 | 2 | | | | | | | |
| | 2 | 33 | | 2 | | | | | | | |
| | 3 | 23 | | 6 | | | 3 | 3 | | | |
| | 4 | 17 | 12 | 2 | | | | | | | |
| | **Total** | **106** | **18** | **12** | **6** | | | | | **0** | **142** |
| Chemistry and Biological Chemistry | 1 | 23 | | 3 | 3 | | | | | 7 | |
| | 2 | 18 | | 6 | | 3 | | | | 8 | |
| | 3 | 18 | 9 | 3 | | | 3 | | | | |
| | 4 | | 16 | | | | | 3 | 3 | 6 | |
| | **Total** | **59** | **25** | **12** | **15** | | | | | **21** | **132** |
| Mathematics & Economics | 1 | 17 | | 3 | | | | | | 6 | |
| | 2 | 29 | | 6 | | | | | | | |
| | 3 | 13 | 16 | 3 | | 3 | | | | 3 | |
| | 4 | | 27 | | | | 3 | 3 | | | |
| | **Total** | **59** | **43** | **12** | **9** | | | | | **9** | **132** |
| Mathematics Sciences | 1 | 15 | | 3 | | | | | | 17 | |
| | 2 | 28 | | 6 | | | | | | | |
| | 3 | 8 | 16 | 3 | 6 | 3 | | | | 4 | |
| | 4 | | 17 | | | | 3 | 3 | | | |
| | **Total** | **51** | **33** | **12** | **15** | | | | | **21** | **132** |
| Physics & Applied Physics (Physics) | 1 | 26 | | 3 | | | | | | | |
| | 2 | 27 | | 6 | 3 | | | | | 8 | |
| | 3 | 13 | | 3 | | 3 | 3 | | | | |
| | 4 | | 27 | | | | | 3 | 3 | 4 | |
| | **Total** | **66** | **27** | **12** | **15** | | | | | **12** | **132** |
| Physics & Applied Physics (Applied Physics) | 1 | 26 | | 3 | | | | | | | |
| | 2 | 29 | | 6 | 3 | | | | | 8 | |
| | 3 | 11 | | 3 | | 3 | 3 | | | | |
| | 4 | | 27 | | | | | 3 | 3 | 4 | |
| | **Total** | **66** | **27** | **12** | **15** | | | | | **12** | **132** |
| Physics with second major in Mathematical Sciences | 1 | 33 | | 3 | 3 | | | | | | |
| | 2 | 45 | | 6 | | 3 | | | | | |
| | 3 | 21 | | 3 | | | 3 | | | | |
| | 4 | | 52 | | | | | 3 | 3 | | |
| | **Total** | **99** | **52** | **12** | **15** | | | | | **0** | **178** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

# A Summary of
# Academic Unit Requirements for Degree Programme at NTU
# For Year 1 Students Admitted in 2011-2012 (cont'd)

## Double Degree

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | GER Core | GER Prescribed Electives | | | | | UE | Total |
| | | Core | Major PE | | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | | |
| **Double Degree in Accountancy and Business (Group A)** | | | | | | | | | | | |
| • Actuarial Science | 1 | 31 | | 5 | | | | | | | |
| | 2 | 33 | | 7 | | | | | | | |
| | 3 | 20 | | | 3 | 3 | | 3 | | 6 | |
| | 4 | 24 | | | | | | | | 6 | |
| | **Total** | **108** | N/A | **12** | **9** | | | | | **12** | **141** |
| • Banking & Finance | 1 | 31 | | 5 | | | | | | | |
| | 2 | 23 | 8 | 7 | | | | | | | |
| | 3 | 24 | 4 | | | | | | | | |
| | 4 | 12 | 4 | | 3 | 3 | | 3 | | 12 | |
| | **Total** | **90** | **16** | **12** | **9** | | | | | **12** | **139** |
| • Human Resource Consulting | 1 | 31 | | 5 | | | | | | | |
| | 2 | 19 | 12 | 7 | | | | | | | |
| | 3 | 20 | 4 | | 3 | 3 | | 3 | | 3 | |
| | 4 | 12 | 8 | | | | | | | 9 | |
| | **Total** | **82** | **24** | **12** | **9** | | | | | **12** | **139** |
| • Information Technology | 1 | 31 | | 5 | | | | | | | |
| | 2 | 23 | 4 | 7 | | | | | | 3 | |
| | 3 | 20 | 8 | | 3 | 3 | | 3 | | | |
| | 4 | 12 | 8 | | | | | | | 9 | |
| | **Total** | **86** | **20** | **12** | **9** | | | | | **12** | **139** |
| • Marketing | 1 | 31 | | 5 | | | | | | | |
| | 2 | 31 | | 7 | | | | | | | |
| | 3 | 20 | 8 | | 3 | 3 | | 3 | | | |
| | 4 | 16 | | | | | | | | 12 | |
| | **Total** | **98** | **8** | **12** | **9** | | | | | **12** | **139** |
| • Tourism & Hospitality Management | 1 | 31 | | 5 | | | | | | | |
| | 2 | 31 | | 7 | | | | | | | |
| | 3 | 28 | | | 3 | 3 | | 3 | | | |
| | 4 | 16 | | | | | | | | 12 | |
| | **Total** | **106** | N/A | **12** | **9** | | | | | **12** | **139** |
| Individual Degree Requirements | | | | | | | | | | | |
| Accountancy (Group A) | 1 | 27 | | 5 | | | | | | | |
| | 2 | 27 | | 7 | | | | 3 | | | |
| | 3 | 16 | | | 3 | 3 | | | | 12 | |
| | 4 | | | | | | | | | | |
| | **Total** | **70** | N/A | **12** | **9** | | | | | **12** | **103** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Business | | | | | | | | | | | |
| • Actuarial Science | 1 | 27 | | 5 | | | | | | | |
| | 2 | 25 | | 7 | | | | 3 | | 6 | |
| | 3 | 20 | | | 3 | 3 | | | | 6 | |
| | 4 | | | | | | | | | | |
| | **Total** | **72** | N/A | **12** | | | | **9** | | **12** | **105** |
| • Banking & Finance | 1 | 27 | | 5 | | | | | | | |
| | 2 | 15 | 8 | 7 | | | | 3 | | 3 | |
| | 3 | 12 | 4 | | 3 | 3 | | | | 9 | |
| | 4 | | 4 | | | | | | | | |
| | **Total** | **54** | **16** | **12** | | | | **9** | | **12** | **103** |
| • Human Resource Consulting | 1 | 27 | | 5 | | | | | | | |
| | 2 | 11 | 12 | 7 | | | | 3 | | 3 | |
| | 3 | 8 | 4 | | 3 | 3 | | | | 9 | |
| | 4 | | 8 | | | | | | | | |
| | **Total** | **46** | **24** | **12** | | | | **9** | | **12** | **103** |
| • Information Technology | 1 | 27 | | 5 | | | | | | | |
| | 2 | 15 | 4 | 7 | | | | 3 | | 3 | |
| | 3 | 8 | 8 | | 3 | 3 | | | | 9 | |
| | 4 | | 8 | | | | | | | | |
| | **Total** | **50** | **20** | **12** | | | | **9** | | **12** | **103** |
| • Marketing | 1 | 27 | | 5 | | | | | | | |
| | 2 | 23 | | 7 | | | | 3 | | 3 | |
| | 3 | 12 | 8 | | 3 | 3 | | | | 9 | |
| | 4 | | | | | | | | | | |
| | **Total** | **62** | **8** | **12** | | | | **9** | | **12** | **103** |
| • Tourism & Hospitality Management | 1 | 27 | | 5 | | | | | | | |
| | 2 | 27 | | 7 | | | | 3 | | 3 | |
| | 3 | 16 | | | 3 | 3 | | | | 9 | |
| | 4 | | | | | | | | | | |
| | **Total** | **70** | N/A | **12** | | | | **9** | | **12** | **103** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| **Double Degree in Accountancy and Business (Group B)** | | | | | | | | | | | |
| • Actuarial Science | 1 | 27 | | 5 | | | | | | | |
| | 2 | 33 | | 4 | | 3 | | 3 | | | |
| | 3 | 20 | | 3 | 3 | | | | | 3 | |
| | 4 | 28 | | | | | | | | 9 | |
| | **Total** | **108** | N/A | **12** | | | **9** | | | **12** | **141** |
| • Banking & Finance | 1 | 27 | | 5 | | | | | | | |
| | 2 | 23 | 8 | 4 | | 3 | | 3 | | | |
| | 3 | 24 | 4 | 3 | 3 | | | | | 3 | |
| | 4 | 16 | 4 | | | | | | | 9 | |
| | **Total** | **90** | **16** | **12** | | | **9** | | | **12** | **139** |
| • Human Resource Consulting | 1 | 27 | | 5 | | | | | | | |
| | 2 | 19 | 12 | 4 | | 3 | | 3 | | 6 | |
| | 3 | 20 | 4 | 3 | 3 | | | | | 6 | |
| | 4 | 16 | 8 | | | | | | | | |
| | **Total** | **82** | **24** | **12** | | | **9** | | | **12** | **139** |
| • Information Technology | 1 | 27 | | 5 | | | | | | | |
| | 2 | 23 | 4 | 4 | | 3 | | 3 | | 3 | |
| | 3 | 20 | 8 | 3 | 3 | | | | | 3 | |
| | 4 | 16 | 8 | | | | | | | 6 | |
| | **Total** | **86** | **20** | **12** | | | **9** | | | **12** | **139** |
| • Marketing | 1 | 27 | | 5 | | | | | | | |
| | 2 | 31 | | 4 | | 3 | | 3 | | | |
| | 3 | 20 | 8 | 3 | 3 | | | | | 3 | |
| | 4 | 20 | | | | | | | | 9 | |
| | **Total** | **98** | **8** | **12** | | | **9** | | | **12** | **139** |
| • Tourism & Hospitality Management | 1 | 27 | | 5 | | | | | | | |
| | 2 | 31 | | 4 | | 3 | | 3 | | | |
| | 3 | 28 | | 3 | 3 | | | | | 3 | |
| | 4 | 20 | | | | | | | | 9 | |
| | **Total** | **106** | N/A | **12** | | | **9** | | | **12** | **139** |
| Individual Degree Requirements | | | | | | | | | | | |
| Accountancy (Group B) | 1 | 23 | | 5 | | 3 | | | | | |
| | 2 | 27 | | 7 | | | | 3 | | 3 | |
| | 3 | 20 | | | 3 | | | | | 9 | |
| | 4 | | | | | | | | | | |
| | **Total** | **70** | N/A | **12** | | | **9** | | | **12** | **103** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Business | | | | | | | | | | | |
| • Actuarial Science | 1 | 27 | | 5 | | | | | | | |
| | 2 | 25 | | 7 | | | | 3 | | 6 | |
| | 3 | 20 | | | 3 | 3 | | | | 6 | |
| | 4 | | | | | | | | | | |
| | **Total** | **72** | N/A | **12** | | | | **9** | | **12** | **105** |
| • Banking & Finance | 1 | 27 | | 5 | | | | | | | |
| | 2 | 15 | 8 | 7 | | | | 3 | | 3 | |
| | 3 | 12 | 4 | | 3 | 3 | | | | 9 | |
| | 4 | | 4 | | | | | | | | |
| | **Total** | **54** | **16** | **12** | | | | **9** | | **12** | **103** |
| • Human Resource Consulting | 1 | 27 | | 5 | | | | | | | |
| | 2 | 11 | 12 | 7 | | | | 3 | | 3 | |
| | 3 | 8 | 4 | | 3 | 3 | | | | 9 | |
| | 4 | | 8 | | | | | | | | |
| | **Total** | **46** | **24** | **12** | | | | **9** | | **12** | **103** |
| • Information Technology | 1 | 27 | | 5 | | | | | | | |
| | 2 | 15 | 4 | 7 | | | | 3 | | 3 | |
| | 3 | 8 | 8 | | 3 | 3 | | | | 9 | |
| | 4 | | 8 | | | | | | | | |
| | **Total** | **50** | **20** | **12** | | | | **9** | | **12** | **103** |
| • Marketing | 1 | 27 | | 5 | | | | | | | |
| | 2 | 23 | | 7 | | | | 3 | | 3 | |
| | 3 | 12 | 8 | | 3 | 3 | | | | 9 | |
| | 4 | | | | | | | | | | |
| | **Total** | **62** | **8** | **12** | | | | **9** | | **12** | **103** |
| • Tourism & Hospitality Management | 1 | 27 | | 5 | | | | | | | |
| | 2 | 27 | | 7 | | | | 3 | | 3 | |
| | 3 | 16 | | | 3 | 3 | | | | 9 | |
| | 4 | | | | | | | | | | |
| | **Total** | **70** | N/A | **12** | | | | **9** | | **12** | **103** |

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Aerospace Engineering and Economics (IO Option) | 1 | 29/30+ | | 2 | | 6 | | | | 2 | 39/40+ |
| | 2 | 31 | 3 | 7 | | | | | | | 41 |
| | 3 | 31 | 9 | | | | | | | | 40 |
| | 4 | 16 | 12 | 3 | | | | | | | 31 |
| | 5 | 8 | 21 | | | | | | | | 29 |
| | **Total** | **115/116+** | **45** | **12** | | | | **6** | | **2** | **180/181+** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

# A Summary of
# Academic Unit Requirements for Degree Programme at NTU
# For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Aerospace Engineering and Economics (IA Option) | 1 | 29/30+ | | 2 | | 6 | | | | 2 | 39/40+ |
| | 2 | 31 | 6 | 7 | | | | | | | 44 |
| | 3 | 26 | | 3 | | | | | | | 29 |
| | 4 | 19 | 18 | | | | | | | | 37 |
| | 5 | 14 | 21 | | | | | | | | 35 |
| | **Total** | **119/120+** | **45** | **12** | **6** | | | | | **2** | **184/185+** |
| Individual Degree Requirements | | | | | | | | | | | |
| Aerospace Engineering (IO Option) | 1 | 17/18+ | | 2 | | 6 | | | | 14 | |
| | 2 | 25 | | 7 | | | | | | 6 | |
| | 3 | 28 | | | | | | | | 3 | |
| | 4 | 12 | | 3 | | | | | | 4 | |
| | 5 | 8 | 6 | | | | | | | | |
| | **Total** | **90/91+** | **6** | **12** | **6** | | | | | **27** | **141/142+** |
| Economics | 1 | 12 | | 2 | | 6 | | | | 19 | |
| | 2 | 6 | 3 | 7 | | | | | | 17 | |
| | 3 | 3 | 9 | | | | | | | | |
| | 4 | 4 | 12 | 3 | | | | | | | |
| | 5 | 8 | 15 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **6** | | | | | **36** | **126** |
| Aerospace Engineering (IA Option) | 1 | 17/18+ | | 2 | | 6 | | | | 14 | |
| | 2 | 25 | | 7 | | | | | | 6 | |
| | 3 | 23 | | 3 | | | | | | 3 | |
| | 4 | 15 | | | | | | | | 4 | |
| | 5 | 14 | 6 | | | | | | | | |
| | **Total** | **94/95+** | **6** | **12** | **6** | | | | | **27** | **145/146+** |
| Economics | 1 | 12 | | 2 | | 6 | | | | 19 | |
| | 2 | 6 | 6 | 7 | | | | | | 17 | |
| | 3 | 3 | | 3 | | | | | | | |
| | 4 | 4 | 18 | | | | | | | | |
| | 5 | 8 | 15 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **6** | | | | | **36** | **126** |

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Business and Computer Engineering | 1 | 37 | | 5 | | | | | | | 42 |
| | 2 | 32 | 4 | 3 | | | | | | 3 | 42 |
| | 3 | 25 | 4 | 4 | | | 3 | | | | 36 |
| | 4 | 18 | 21 | | | | | 3 | | | 42 |
| | **Total** | **112** | **29** | **12** | **6** | | | | | **3** | **162** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).

EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Business and Computing | 1 | 37 | | 5 | | | | | | | 42 |
| | 2 | 32 | 4 | 3 | | | | | | 3 | 42 |
| | 3 | 22 | 4 | 4 | | | 3 | | | 3 | 36 |
| | 4 | 18 | 21 | | | | | 3 | | | 42 |
| | **Total** | **109** | **29** | **12** | **6** | | | | | **6** | **162** |
| Double Degree in Biomedical Sciences & Chinese Medicine | 1 | 30 | | 6 | | | 3 | | | 3 | 42 |
| | 2 | 48 | | | | | | | | | 48 |
| | 3 | 36 | 6 | | | | | | | 6 | 48 |
| | Inter-sem | 12 | | | | | | | | | 12 |
| | 4 | Beijing University of Chinese Medicine | | | | | | | | | |
| | 5 | | | | | | | | | | |
| | **Total** | **126** | **6** | **6** | **3** | | | | | **9** | **150** |

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Bioengineering and Economics (IO Option) | 1 | 41 | | 2 | | | | | | | 43 |
| | 2 | 39 | | 2 | | | | | | | 41 |
| | 3 | 27 | 15 | | | | | | | | 42 |
| | 4 | 11 | 3 | 8 | | | | 3 | | | 25 |
| | 5 | | 24 | | | | | | | | 24 |
| | **Total** | **118** | **42** | **12** | **3** | | | | | **0** | **175** |
| Individual Degree Requirements | | | | | | | | | | | |
| Bioengineering (IO Option) | 1 | 29 | | 2 | | | | | | 12 | |
| | 2 | 33 | | 2 | | | | | | 6 | |
| | 3 | 20 | | | | | | | | 7 | |
| | 4 | 11 | 3 | 8 | | | | 3 | | | |
| | 5 | | | | | | | | | | |
| | **Total** | **93** | **3** | **12** | **3** | | | | | **25** | **136** |
| Economics | 1 | 12 | | 2 | | | | | | 30 | |
| | 2 | 6 | | 2 | | | | | | 9 | |
| | 3 | 7 | 15 | | | | | | | | |
| | 4 | 8 | | 8 | | | | 3 | | | |
| | 5 | | 24 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **3** | | | | | **39** | **126** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Chemical & Biomolecular Engineering and Economics (IO Option) | 1 | 39 | | 5 | | | | | | | 44 |
| | 2 | 38 | | 2 | | | | | | | 40 |
| | 3 | 25 | 12 | 2 | | | | 3 | | | 42 |
| | 4 | 10 | 9 | 3 | | | | | | | 22 |
| | 5 | | 27 | | | | | | | | 27 |
| | **Total** | **112** | **48** | **12** | **3** | | | | | **0** | **175** |
| Individual Degree Requirements | | | | | | | | | | | |
| Chemical & Biomolecular Engineering (IO Option) | 1 | 27 | | 5 | | | | | | 12 | |
| | 2 | 32 | | 2 | | | | | | 6 | |
| | 3 | 18 | | 2 | | | | 3 | | 7 | |
| | 4 | 10 | 9 | 3 | | | | | | | |
| | 5 | | | | | | | | | | |
| | **Total** | **87** | **9** | **12** | **3** | | | | | **25** | **136** |
| Economics | 1 | 12 | | 5 | | | | | | 21 | |
| | 2 | 6 | | 2 | | | | | | 18 | |
| | 3 | 7 | 12 | 2 | | | | 3 | | | |
| | 4 | 8 | | 3 | | | | | | | |
| | 5 | | 27 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **3** | | | | | **39** | **126** |

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Civil Engineering and Economics (IO Option) | 1 | 33/34+ | | 5 | | | | | | | 38/39+ |
| | 2 | 35 | | 2 | | | | | | | 37 |
| | 3 | 29 | 9 | 2 | | | | | | | 40 |
| | 4 | 7 | 15 | 3 | | | | | 3 | | 28 |
| | 5 | 8 | 24 | | | | | | | | 32 |
| | **Total** | **112/113+** | **48** | **12** | **3** | | | | | **0** | **175/176+** |
| Double Degree in Civil Engineering and Economics (IA Option) | 1 | 33/34+ | | 5 | | | | | | | 38/39+ |
| | 2 | 35 | | 2 | | | | | | | 37 |
| | 3 | 27 | | 2 | | | | | | | 29 |
| | 4 | 13 | 24 | 3 | | | | | | | 40 |
| | 5 | 8 | 24 | | | | | | | | 32 |
| | **Total** | **116/117+** | **48** | **12** | **0** | | | | | **0** | **176/177+** |
| Individual Degree Requirements | | | | | | | | | | | |
| Civil Engineering (IO Option) | 1 | 24/25+ | | 5 | | | | | | 9 | |
| | 2 | 26 | | 2 | | | | | | 9 | |
| | 3 | 22 | | 2 | | | | | | 7 | |
| | 4 | 7 | 9 | 3 | | | | | 3 | | |
| | 5 | 8 | | | | | | | | | |
| | **Total** | **87/88+** | **9** | **12** | **3** | | | | | **25** | **136/137+** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).

EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | GER Core | GER Prescribed Electives | | | | | UE | Total |
| | | Core | Major PE | | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | | |
| Economics | 1 | 9 | | 5 | | | | | | 24 | |
| | 2 | 9 | | 2 | | | | | | 15 | |
| | 3 | 7 | 9 | 2 | | | | | | | |
| | 4 | | 6 | 3 | | | | | 3 | | |
| | 5 | 8 | 24 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **3** | | | | | **39** | **126** |
| Civil Engineering (IA Option) | 1 | 24/25+ | | 5 | | | | | | 9 | |
| | 2 | 26 | | 2 | | | | | | 9 | |
| | 3 | 20 | | 2 | | | | | | 7 | |
| | 4 | 13 | 9 | 3 | | | | | | | |
| | 5 | 8 | | | | | | | | | |
| | **Total** | **91/92+** | **9** | **12** | **0** | | | | | **25** | **137/138+** |
| Economics | 1 | 9 | | 5 | | | | | | 24 | |
| | 2 | 9 | | 2 | | | | | | 18 | |
| | 3 | 7 | | 2 | | | | | | | |
| | 4 | | 15 | 3 | | | | | | | |
| | 5 | 8 | 24 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **0** | | | | | **42** | **126** |

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | GER Core | GER Prescribed Electives | | | | | UE | Total |
| | | Core | Major PE | | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | | |
| Double Degree in Computer Engineering and Economics / Double Degree in Computer Science and Economics (IO Option) | 1 | 35 | | | | | | | | | 35 |
| | 2 | 33 | | 2 | | | | | | | 35 |
| | 3 | 23 | 9 | 5 | | | 3 | | | | 40 |
| | 4 | 12 | 18 | 5 | | | | | | | 35 |
| | 5 | | 30 | | | | | | | | 30 |
| | **Total** | **103** | **57** | **12** | **3** | | | | | **0** | **175** |
| Individual Degree Requirements | | | | | | | | | | | |
| Computer Engineering / Computer Science (IO Option) | 1 | 23 | | | | | | | | 12 | |
| | 2 | 24 | | 2 | | | | | | 9 | |
| | 3 | 23 | 3 | 5 | | | | 3 | | | |
| | 4 | 8 | 12 | 5 | | | | | | 4 | |
| | 5 | | 3 | | | | | | | | |
| | **Total** | **78** | **18** | **12** | **3** | | | | | **25** | **136** |
| Economics | 1 | 12 | | | | | | | | 23 | |
| | 2 | 9 | | 2 | | | | | | 16 | |
| | 3 | | 6 | 5 | | | | 3 | | | |
| | 4 | 12 | 6 | 5 | | | | | | | |
| | 5 | | 27 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **3** | | | | | **39** | **126** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).

EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

# A Summary of
# Academic Unit Requirements for Degree Programme at NTU
# For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Electrical & Electronic Engineering and Economics (IO Option) | 1 | 26/27+ | | 2 | | | | | 3 | | 31/32+ |
| | 2 | 27 | 6 | | | | | | | | 33 |
| | 3 | 31 | 6 | 5 | | | | | | | 42 |
| | 4 | 10 | 24 | 3 | | | | | | | 37 |
| | 5 | 8 | 22 | 2 | | | | | | | 32 |
| | **Total** | **102/103+** | **58** | **12** | **3** | | | | | **0** | **175/176+** |
| Double Degree in Electrical & Electronic Engineering and Economics (IA Option) | 1 | 32/33+ | 3 | 2 | | | | | | | 37/38+ |
| | 2 | 30 | 6 | 2 | | | | | | | 38 |
| | 3 | 22 | 12 | 6 | | | | | | | 40 |
| | 4 | 14 | 15 | | | | | | | | 29 |
| | 5 | 8 | 22 | 2 | | | | | | | 32 |
| | **Total** | **106/107+** | **58** | **12** | **0** | | | | | **0** | **176/177+** |
| Individual Degree Requirements | | | | | | | | | | | |
| Electrical & Electronic Engineering (IO Option) | 1 | 14/15+ | | 2 | | | | | 3 | 12 | |
| | 2 | 21 | | | | | | | | 6 | |
| | 3 | 28 | | 5 | | | | | | 3 | |
| | 4 | 6 | 9 | 3 | | | | | | 4 | |
| | 5 | 8 | 10 | 2 | | | | | | | |
| | **Total** | **77/78+** | **19** | **12** | **3** | | | | | **25** | **136/137+** |
| Economics | 1 | 12 | | 2 | | | | | 3 | 20 | |
| | 2 | 6 | 6 | | | | | | | 19 | |
| | 3 | 3 | 6 | 5 | | | | | | | |
| | 4 | 4 | 15 | 3 | | | | | | | |
| | 5 | 8 | 12 | 2 | | | | | | | |
| | **Total** | **33** | **39** | **12** | **3** | | | | | **39** | **126** |
| Electrical & Electronic Engineering (IA Option) | 1 | 20/21+ | | 2 | | | | | | 12 | |
| | 2 | 24 | | 2 | | | | | | 6 | |
| | 3 | 19 | 3 | 6 | | | | | | 3 | |
| | 4 | 10 | 6 | | | | | | | 4 | |
| | 5 | 8 | 10 | 2 | | | | | | | |
| | **Total** | **81/82+** | **19** | **12** | **0** | | | | | **25** | **137/138+** |
| Economics | 1 | 12 | 3 | 2 | | | | | | 20 | |
| | 2 | 6 | 6 | 2 | | | | | | 22 | |
| | 3 | 3 | 9 | 6 | | | | | | | |
| | 4 | 4 | 9 | | | | | | | | |
| | 5 | 8 | 12 | 2 | | | | | | | |
| | **Total** | **33** | **39** | **12** | **0** | | | | | **42** | **126** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

# A Summary of
# Academic Unit Requirements for Degree Programme at NTU
# For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Environmental Engineering and Economics (IO Option) | 1 | 31/32+ | | 7 | | | | | | | 38/39+ |
| | 2 | 37 | | | | | | | | | 37 |
| | 3 | 29 | 9 | 2 | | | | | | | 40 |
| | 4 | 7 | 15 | 3 | | | | | 3 | | 28 |
| | 5 | 8 | 24 | | | | | | | | 32 |
| | **Total** | **112/113+** | **48** | **12** | **3** | | | | | **0** | **175/176+** |
| Double Degree in Environmental Engineering and Economics (IA Option) | 1 | 31/32+ | | 7 | | | | | | | 38/39+ |
| | 2 | 37 | | | | | | | | | 37 |
| | 3 | 27 | | 2 | | | | | | | 29 |
| | 4 | 13 | 24 | 3 | | | | | | | 40 |
| | 5 | 8 | 24 | | | | | | | | 32 |
| | **Total** | **116/117+** | **48** | **12** | **0** | | | | | **0** | **176/177+** |
| Individual Degree Requirements | | | | | | | | | | | |
| Environmental Engineering (IO Option) | 1 | 19/20+ | | 7 | | | | | | 12 | |
| | 2 | 31 | | | | | | | | 6 | |
| | 3 | 22 | | 2 | | | | | | 7 | |
| | 4 | 7 | 9 | 3 | | | | | 3 | | |
| | 5 | 8 | | | | | | | | | |
| | **Total** | **87/88+** | **9** | **12** | **3** | | | | | **25** | **136/137+** |
| Economics | 1 | 12 | | 7 | | | | | | 24 | |
| | 2 | 6 | | | | | | | | 15 | |
| | 3 | 7 | 9 | 2 | | | | | | | |
| | 4 | | 6 | 3 | | | | | 3 | | |
| | 5 | 8 | 24 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **3** | | | | | **39** | **126** |
| Environmental Engineering (IA Option) | 1 | 19/20+ | | 7 | | | | | | 12 | |
| | 2 | 31 | | | | | | | | 6 | |
| | 3 | 20 | | 2 | | | | | | 7 | |
| | 4 | 13 | 9 | 3 | | | | | | | |
| | 5 | 8 | | | | | | | | | |
| | **Total** | **91/92+** | **9** | **12** | **0** | | | | | **25** | **137/138+** |
| Economics | 1 | 12 | | 7 | | | | | | 24 | |
| | 2 | 6 | | | | | | | | 18 | |
| | 3 | 7 | | 2 | | | | | | | |
| | 4 | | 15 | 3 | | | | | | | |
| | 5 | 8 | 24 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **0** | | | | | **42** | **126** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Information Engineering & Media and Economics (IO Option) | 1 | 30/31+ | | | | | | | 3 | | 33/34+ |
| | 2 | 29 | 3 | 3 | | | | | | | 35 |
| | 3 | 32 | 9 | | | | | | | | 41 |
| | 4 | 7 | 20 | 6 | | | | | | | 33 |
| | 5 | 8 | 20 | 5 | | | | | | | 33 |
| | **Total** | **106/107+** | **52** | **14** | **3** | | | | | **0** | **175/176+** |
| Double Degree in Information Engineering & Media and Economics (IA Option) | 1 | 30/31+ | | 3 | | | | | | | 33/34+ |
| | 2 | 29 | 9 | 3 | | | | | | | 41 |
| | 3 | 28 | 9 | | | | | | | | 37 |
| | 4 | 15 | 11 | 3 | | | | | | | 29 |
| | 5 | 8 | 23 | 5 | | | | | | | 36 |
| | **Total** | **110/111+** | **52** | **14** | **0** | | | | | **0** | **176/177+** |
| Individual Degree Requirements | | | | | | | | | | | |
| Information Engineering & Media (IO Option) | 1 | 18/19+ | | | | | | | 3 | 12 | |
| | 2 | 23 | | 3 | | | | | | 6 | |
| | 3 | 29 | | | | | | | | 3 | |
| | 4 | 3 | 5 | 6 | | | | | | 4 | |
| | 5 | 8 | 8 | 5 | | | | | | | |
| | **Total** | **81/82+** | **13** | **14** | **3** | | | | | **25** | **136/137+** |
| Economics | 1 | 12 | | | | | | | 3 | 28 | |
| | 2 | 6 | 3 | 3 | | | | | | 9 | |
| | 3 | 3 | 9 | | | | | | | | |
| | 4 | 4 | 15 | 6 | | | | | | | |
| | 5 | 8 | 12 | 5 | | | | | | | |
| | **Total** | **33** | **39** | **14** | **3** | | | | | **37** | **126** |
| Information Engineering & Media (IA Option) | 1 | 18/19+ | | 3 | | | | | | 12 | |
| | 2 | 23 | | 3 | | | | | | 6 | |
| | 3 | 25 | | | | | | | | 3 | |
| | 4 | 11 | 5 | 3 | | | | | | 4 | |
| | 5 | 8 | 8 | 5 | | | | | | | |
| | **Total** | **85/86+** | **13** | **14** | **0** | | | | | **25** | **137/138+** |
| Economics | 1 | 12 | | 3 | | | | | | 28 | |
| | 2 | 6 | 9 | 3 | | | | | | 12 | |
| | 3 | 3 | 9 | | | | | | | | |
| | 4 | 4 | 6 | 3 | | | | | | | |
| | 5 | 8 | 15 | 5 | | | | | | | |
| | **Total** | **33** | **39** | **14** | **0** | | | | | **40** | **126** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Materials Engineering and Economics (IO Option) | 1 | 33/34+ | | 2 | | | | | | | 35/36+ |
| | 2 | 25 | 12 | | | | | | | | 37 |
| | 3 | 30 | 6 | 5 | | | | | | | 41 |
| | 4 | 10 | 21 | 5 | | | | | | | 36 |
| | 5 | 8 | 15 | | | | | | 3 | | 26 |
| | **Total** | **106/107+** | **54** | **12** | **3** | | | | | **0** | **175/176+** |
| Double Degree in Materials Engineering and Economics (IA Option) | 1 | 33/34+ | | 2 | | | | | | | 33/34+ |
| | 2 | 25 | 12 | | | | | | | | 41 |
| | 3 | 18 | 6 | 3 | | | | | | | 37 |
| | 4 | 23 | 13 | 4 | | | | | | | 29 |
| | 5 | 11 | 23 | 3 | | | | | | | 36 |
| | **Total** | **110/111+** | **54** | **12** | **0** | | | | | **0** | **176/177+** |
| Individual Degree Requirements | | | | | | | | | | | |
| Materials Engineering (IO Option) | 1 | 24/25+ | | 2 | | | | | | 9 | |
| | 2 | 16 | | | | | | | | 9 | |
| | 3 | 27 | | 5 | | | | | | 3 | |
| | 4 | 6 | | 5 | | | | | | 4 | |
| | 5 | 8 | 15 | | | | | | 3 | | |
| | **Total** | **81/82+** | **15** | **12** | **3** | | | | | **25** | **136/137+** |
| Economics | 1 | 9 | | 2 | | | | | | 24 | |
| | 2 | 9 | 12 | | | | | | | 15 | |
| | 3 | 3 | 6 | 5 | | | | | | | |
| | 4 | 4 | 21 | 5 | | | | | | | |
| | 5 | 8 | | | | | | | 3 | | |
| | **Total** | **33** | **39** | **12** | **3** | | | | | **39** | **126** |
| Materials Engineering (IA Option) | 1 | 24/25+ | | 2 | | | | | | 9 | |
| | 2 | 16 | | | | | | | | 9 | |
| | 3 | 15 | | 3 | | | | | | 3 | |
| | 4 | 19 | | 4 | | | | | | 4 | |
| | 5 | 11 | 15 | 3 | | | | | | | |
| | **Total** | **85/86+** | **15** | **12** | **0** | | | | | **25** | **137/138+** |
| Economics | 1 | 9 | | 2 | | | | | | 24 | |
| | 2 | 9 | 12 | | | | | | | 18 | |
| | 3 | 3 | 6 | 3 | | | | | | | |
| | 4 | 4 | 13 | 4 | | | | | | | |
| | 5 | 8 | 8 | 3 | | | | | | | |
| | **Total** | **33** | **39** | **12** | **0** | | | | | **42** | **126** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Mechanical Engineering and Economics (Mainstream with IO Option) | 1 | 31/32+ | | 2 | | | | | | | 33/34+ |
| | 2 | 29 | 3 | 4 | | | | | | | 36 |
| | 3 | 27 | 9 | 6 | | | | | | | 42 |
| | 4 | 14 | 18 | | | | | | 3 | | 35 |
| | 5 | 8 | 21 | | | | | | | | 29 |
| | **Total** | **109/110+** | **51** | **12** | **3** | | | | | **0** | **175/176+** |
| Double Degree in Mechanical Engineering and Economics (Mainstream with IA Option) | 1 | 31/32+ | | 2 | | | | | | | 33/34+ |
| | 2 | 29 | 6 | 4 | | | | | | | 39 |
| | 3 | 28 | | 3 | | | | | | | 31 |
| | 4 | 17 | 18 | 3 | | | | | 3 | | 41 |
| | 5 | 8 | 27 | | | | | | | | 35 |
| | **Total** | **113/114+** | **51** | **12** | **3** | | | | | **0** | **179/180+** |
| Individual Degree Requirements | | | | | | | | | | | |
| Mechanical Engineering (Mainstream with IO Option) | 1 | 19/20+ | | 2 | | | | | | 12 | |
| | 2 | 23 | | 4 | | | | | | 6 | |
| | 3 | 24 | | 6 | | | | | | 3 | |
| | 4 | 10 | 6 | | | | | | 3 | 4 | |
| | 5 | 8 | 6 | | | | | | | | |
| | **Total** | **84/85+** | **12** | **12** | **3** | | | | | **25** | **136/137+** |
| Economics | 1 | 12 | | 2 | | | | | | 19 | |
| | 2 | 6 | 3 | 4 | | | | | | 20 | |
| | 3 | 3 | 9 | 6 | | | | | | | |
| | 4 | 4 | 12 | | | | | | 3 | | |
| | 5 | 8 | 15 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **3** | | | | | **39** | **126** |
| Mechanical Engineering (Mainstream with IA Option) | 1 | 19/20+ | | 2 | | | | | | 12 | |
| | 2 | 23 | | 4 | | | | | | 6 | |
| | 3 | 25 | | 3 | | | | | | 3 | |
| | 4 | 13 | 6 | 3 | | | | | 3 | 4 | |
| | 5 | 8 | 6 | | | | | | | | |
| | **Total** | **88/89+** | **12** | **12** | **3** | | | | | **25** | **140/141+** |
| Economics | 1 | 12 | | 2 | | | | | | 19 | |
| | 2 | 6 | 6 | 4 | | | | | | 20 | |
| | 3 | 3 | | 3 | | | | | | | |
| | 4 | 4 | 12 | 3 | | | | | 3 | | |
| | 5 | 8 | 21 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **3** | | | | | **39** | **126** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | | GER Prescribed Electives | | | | | | |
| | | Core | Major PE | GER Core | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | UE | Total |
| Double Degree in Mechanical Engineering and Economics (Design/Mechatronics stream with IO Option) | 1 | 31/32+ | | 2 | | | | | | | 33/34+ |
| | 2 | 29 | 3 | 2 | | 6 | | | | | 40 |
| | 3 | 27 | 9 | 6 | | | | | | | 42 |
| | 4 | 14 | 18 | 2 | | | | | | | 34 |
| | 5 | 8 | 21 | | | | | | | | 29 |
| | **Total** | **109/110+** | **51** | **12** | **6** | | | | | **0** | **178/179+** |
| Double Degree in Mechanical Engineering and Economics (Design/Mechatronics stream with IA Option) | 1 | 31/32+ | | 2 | | | | | | | 33/34+ |
| | 2 | 29 | 6 | | | 6 | | | | | 41 |
| | 3 | 28 | | 2 | | | | | | | 30 |
| | 4 | 17 | 18 | 5 | | | | | | | 40 |
| | 5 | 8 | 27 | 3 | | | | | | | 38 |
| | **Total** | **113/114+** | **51** | **12** | **6** | | | | | **0** | **182/183+** |
| Individual Degree Requirements | | | | | | | | | | | |
| Mechanical Engineering (Design/Mechatronics stream with IO Option) | 1 | 19/20+ | | 2 | | | | | | 12 | |
| | 2 | 23 | | 2 | | 6 | | | | 6 | |
| | 3 | 24 | | 6 | | | | | | 3 | |
| | 4 | 10 | 6 | 2 | | | | | | 4 | |
| | 5 | 8 | 6 | | | | | | | | |
| | **Total** | **84/85+** | **12** | **12** | **6** | | | | | **25** | **139/140+** |
| Economics | 1 | 12 | | 2 | | | | | | 19 | |
| | 2 | 6 | 3 | 2 | | 6 | | | | 17 | |
| | 3 | 3 | 9 | 6 | | | | | | | |
| | 4 | 4 | 12 | 2 | | | | | | | |
| | 5 | 8 | 15 | | | | | | | | |
| | **Total** | **33** | **39** | **12** | **6** | | | | | **36** | **126** |
| Mechanical Engineering (Design/Mechatronics stream with IA Option) | 1 | 19/20+ | | 2 | | | | | | 12 | |
| | 2 | 23 | | | | 6 | | | | 6 | |
| | 3 | 25 | | 2 | | | | | | 3 | |
| | 4 | 13 | 6 | 5 | | | | | | 4 | |
| | 5 | 8 | 6 | 3 | | | | | | | |
| | **Total** | **88/89+** | **12** | **12** | **6** | | | | | **25** | **143/144+** |
| Economics | 1 | 12 | | 2 | | | | | | 19 | |
| | 2 | 6 | 6 | | | 6 | | | | 17 | |
| | 3 | 3 | | 2 | | | | | | | |
| | 4 | 4 | 12 | 5 | | | | | | | |
| | 5 | 8 | 21 | 3 | | | | | | | |
| | **Total** | **33** | **39** | **12** | **6** | | | | | **36** | **126** |

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies

## A Summary of
## Academic Unit Requirements for Degree Programme at NTU
## For Year 1 Students Admitted in 2011-2012 (cont'd)

### Integrated Programme

| Programme | Year of Study | Number of Academic Units (AUs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Major Requirements | | General Education Requirement (GER) | | | | | | | |
| | | | | GER Core | GER Prescribed Electives | | | | | UE | Total |
| | | Core | Major PE | | AHSS | STS | BM | LS | Any Category (AHSS, STS, BM, LS) | | |
| Renaissance Engineering Programme | 1<br>2 | 18<br>23 | | 2<br>3 | 3<br>3 | | 9<br>3 | | | 3<br>3 | 35 (UG)<br>35 (UG) |
| | 3 | 19 | | | | | 6 (UG)<br>6 (PG) | | | 6 | 31 (UG)<br>6 (PG) |
| | 4 | 26 | 6 | | | | | | | 6 (PG) | 32 (UG)<br>6 (PG) |
| | 5 | 18 (PG) | | | | | | | | | 18 (PG) |
| | **Total** | **104** | **6** | **5** | **30** | | | | | **18** | **133 (UG)<br>30 (PG)** |

Note:
UG – Undergraduate Component
PG – Graduate Component

Description
@ Refer to School's website for AU requirement of other attachment options.
# For Polytechnic graduates with Mechanical Engineering diplomas.
* For Polytechnic graduates with non-Mechanical Engineering diplomas.
+ For students without 'A' Level Physics and who need to read FE1012 Physics A (4 AUs).
EEE
^ For students who are in the Electrical & Systems Engineering and Electronic Engineering option groups.

Description of Abbreviation
AHSS - Arts, Humanities & Social Sciences
STS - Science, Technology & Society
BM - Business & Management
LS - Liberal Studies