National Chiao Tung University Department of Applied Mathematics
Required Courses for Undergraduates

Applicable to students from the 2007,2008 academic year

| *Year* | *Subjects* | *Required Credits* | *1st semester* | *2nd semester* | *Remarks* |
|---|---|---|---|---|---|
| Freshman | General Physics | 8 | 4 | 4 | Excluding Experiment Sessions |
| Freshman | Calculus | 8 | 4 | 4 | |
| Freshman | Introduction to Computer Science | 6 | 3 | 3 | |
| Freshman | Mathematical Logic and Reasoning | 4 | 2 | 2 | |
| Freshman | Linear Algebra | 6 | 3 | 3 | |
| Sophomore | Advanced Calculus | 8 | 4 | 4 | |
| Sophomore | Ordinary Differential Equations | 3 | 3 | | |
| Sophomore | Probability | 3 | 3 | | |
| Sophomore | Discrete Mathematics | 3 | | 3 | |
| Junior | Statistics | 3 | 3 | | |
| Junior | Numerical Analysis | 3 | 3 | | |
| Junior | Algebra | 6 | 3 | 3 | |
| | Total | 61 | | | |