

## Course Structure for the Graduate Program

| Course Code  | Course Title                                     | Credits | Required/Elective  | Course Catalog  | Grade                          |
|--|--|---------|--|---|--------------------------------|
| TX5003   | Special Seminar in Engineering (First Semester)  | 0       | Required(Taiwan students course. International student need to drop out.)      | <a href="http://info.ntust.edu.tw/faith/edu/app/qry_coursename.aspx">http://info.ntust.edu.tw/faith/edu/app/qry_coursename.aspx</a> | Graduate student               |
| TX5003   | Special Seminar in Engineering (Second Semester) | 0       | Required(International students course. International student choice.)         |   | Graduate student               |
| TX5901   | Seminar (1)                                      | 0       | Required   |   | Master student                 |
| TX5902   | Seminar (2)                                      | 0       | Required   |   | Master student                 |
| TX7901   | Seminar (5)                                      | 0       | Required   |   | PhD. student                   |
| TX7902   | Seminar (6)                                      | 0       | Required   |   | PhD. student                   |
| TX7903   | Seminar (7)                                      | 0       | Required   |   | PhD. student                   |
| TX7904   | Seminar (8)                                      | 0       | Required   |   | PhD. student                   |
|  | English  | 4       | Required(Taiwan students required)   |   | See the University regulations |
| TX6102   | Advance Polymer Physics                          | 3       | Taiwan students choice one of 4 core courses (International students elective) |   | Graduate student               |
| TX5407   | Special Topics on Polymer Organic Chemistry      | 3       | Taiwan students choice one of 4 core courses (International students elective) |   | Graduate student               |
| TX6604   | Advanced Surface Characterizations for Materials | 3       | Taiwan students choice one of 4 core courses (International students elective) |   | Graduate student               |
| TX5105   | Advanced Thermodynamics of Materials             | 3       | Taiwan students choice one of 4 core courses (International students elective) |   | Graduate student               |
| <a href="#">Elective courses, please refer to the "Course Catalog"</a> |  |         | Elective   |   | Graduate student               |

[According to 182th session of courses\(2016.6.7\), graduate students \(Master & Doctor\) were ask to attend "academic research ethics" course \(0 credit\). This only applies to students enroll in 2016 and future.](#)