CURRENT (LEFT) AND REVISED (RIGHT) INTEGRATED PH.D. PROGRAM CURRICULA

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| **METE 501** | Thermodynamics of Materials | (3-0)3 |
| **METE 503** | Mathematical Methods in Materials Research I | (3-0)3 |
| **METE 506** | Kinetic of Processes in Materials | (3-0)3 |
| **METE 570** | Research Methods and Ethics in Metallurgical and Materials Engineering | 0 |
| **METE 580** | Prethesis Seminar | 0 |
| **METE 590** | Seminar | 0 |
| **METE 600** | Ph.D. Thesis | 0 |
| + 11 ELECTIVE COURSES |  |

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| **METE 501** | Thermodynamics in Materials Science and Engineering | (3-0)3 |
| **METE 506** | Kinetics in Materials Science and Engineering | (3-0)3 |
| **METE 508** | Characterization of Materials | (2-2)3 |
| **METE 570** | Research Methods and Ethics in Metallurgical and Materials Engineering | (2-0)2 |
| **METE 575** | Foundations of Engineering Materials | (4-0)4 |
| **METE 581** | Ph.D. Seminar | 0 |
| **METE 600** | Ph.D. Thesis | 0 |
| + 9 ELECTIVE COURSES |  |