# Curriculum Map of Technology Application and Human Resource Development

| Required courses | | | |
|---|---|---|---|
| Research Methodology | 3 | Seminar (I) | |
| Doctoral dissertation | | Seminar (II) | |

| Selective courses | | | |
|---|---|---|---|
| Technology and Engineering Education Track | | Human Resource Track | |
| Special Topics on History of Technology | 3 | Special Topics in Adult Learning Theory | 3 |
| Special Topics on E-learning Technology | 3 | Special Topics in Organizational Learning | 3 |
| Special Topics on Philosophy of Technology and Engineering Education | 3 | Special Topics in Organizational Development | 3 |
| Special Topics on Instruction in Technology and Engineering Education | 3 | Special Topics in Strategic Human Resource Development | 3 |
| Special Topics on Curriculum for Technology and Engineering Education | 3 | Special Topics in Cross-culture Human Resource Development | 3 |
| Special Topics on Technology and Engineering Teacher Education | 3 | Special Topics in Human Resource Planning | 3 |
| Special Topics on Comparative Technology and Engineering Education | 3 | Special Topics in Human Resource Development for Public Sectors | 3 |
| Special Topics on Network Application in Technology and Engineering Education | 3 | Special Topics in Industrial Policies and Human Resource Development | 3 |
| Educational Industry Innovation and Entrepreneurship | 3 | Special Topics in Human Resource Development Policies | 3 |
| Selective courses | | | |
| Experimental Design and Data Analysis | 3 | Special Topics on Digital Learning and Training Assessment | 3 |

1. Complete 27 credits: 3 required courses, 24 selective courses.
2. Every student should take at least 21 courses from his/her track.