

**Curriculum Map of Technology Application
and Human Resource Development**
Ph.D Curriculum Map

Required courses

Research Methodology	3	Seminar (I)
		Seminar (II)
		Doctoral Dissertation

Selective courses

Technology and Engineering Education Track		Human Resource Track	
Special Topics on Philosophy of Technology and Engineering Education	3	Special Topics in Adult Learning Theory	3
Special Topics on Instruction in Technology and Engineering Education	3	Special Topics in Organizational Development	3
Special Topics on Curriculum for Technology and Engineering Education	3	Special Topics in Organizational Learning	3
Special Topics on Technology and Engineering Teacher Education	3	Special Topics in Strategic Human Resource Development	3
Special Topics on Comparative Technology and Engineering Education	3	Special Topics in Cross-culture Human Resource Development	3
Special Topics on History of Technology	3	Special Topics in Human Resource Planning	3
Special Topics on Network Application in Technology and Engineering Education	3	Studies in Human Resource Development	3
Special Topics on Technological Hands-On Activity	3	Studies in Organizational Behavior	3

Other Courses

Special Topics on E-learning Technology	3	Special Topics on Digital Learning and Training Assessment	3
Academic Writing for Educational Technology Research	3	Educational Industry Innovation and Entrepreneurship	3
Studies in Quantitative Methods	3		

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