

Table of Curriculum(Undergraduate)

| Classification | Subject No. | Subject Code | Subject Name | Lecture:Lab: Credit (Homework) | Semester |
|-------------------------|-------------|---|--|--------------------------------|-----------------------------|
| Mandatory major courses | TS211 | F1.211 | Reading Great Books on Human Intelligence and Civilization: Human Intelligence | 3:3:3(6) | Spring and Fall |
| | TS212 | F1.212 | Reading Great Books on Human Intelligence and Civilization: Society | 3:3:3(6) | Spring and Fall |
| | TS221 | F1.221 | Making Technological Solutions for Social Innovation I: Design | 3:3:4(6) | Spring and Fall |
| | TS222 | F1.222 | Technological Solutions for Social Innovation II: Prototyping | 3:3:4(6) | Spring and Fall |
| | TS323 | F1.323 | Technological Solutions for Social Innovation (III): Design | 3:3:4(6) | Spring |
| | TS324 | F1.324 | Technological Solutions for Social Innovation (III): Prototyping | 3:3:4(6) | Fall |
| | TS325 | F1.325 | Reading great books on human intelligence and civilization: Universe | 3:3:3(6) | Spring and Fall |
| | TS326 | F1.326 | Reading great books on human intelligence and civilization: Life | 3:3:3(6) | Spring and Fall |
| Elective major courses | TS211 | F1.211 | Reading Great Books on Human Intelligence and Civilization: Human Intelligence | 3:3:3(6) | Spring and Fall |
| | TS212 | F1.212 | Reading Great Books on Human Intelligence and Civilization: Society | 3:3:3(6) | Spring and Fall |
| | TS221 | F1.221 | Making Technological Solutions for Social Innovation I: Design | 3:3:4(6) | Spring and Fall |
| | TS222 | F1.222 | Technological Solutions for Social Innovation II: Prototyping | 3:3:4(6) | Spring and Fall |
| | TS251 | F1.251 | Data Science Overview | 3:0:3(6) | Spring |
| | TS323 | F1.323 | Technological Solutions for Social Innovation (III): Design | 3:3:4(6) | Spring |
| | TS324 | F1.324 | Technological Solutions for Social Innovation (III): Prototyping | 3:3:4(6) | Fall |
| | TS325 | F1.325 | Reading great books on human intelligence and civilization: Universe | 3:3:3(6) | Spring and Fall |
| | TS326 | F1.326 | Reading great books on human intelligence and civilization: Life | 3:3:3(6) | Spring and Fall |
| | TS340 | F1.340 | Human Anatomy & Physiology | 3:0:3(6) | Spring |
| | TS342 | F1.342 | Introduction to Human Disease | 3:0:3(6) | Fall |
| | TS343 | F1.343 | Bio-Sensing & Life-Log Based eHealth & Medical IoT Project | 3:0:3(6) | Fall |
| | TS344 | F1.344 | IoT-Enabled Social Innovations | 3:0:3(6) | Fall |
| | TS350 | F1.350 | Problem Definitions for AI Applications | 3:0:3(6) | Fall |
| | TS401 | F1.401 | Statistical Data Science Capstone | 3:0:3(6) | Spring |
| | TS441 | F1.441 | Big Data Analytics in Healthcare | 2:3:3(6) | Spring |
| | TS442 | F1.442 | Assistive Technology for People with Special Needs | 3:0:3(6) | Fall |
| | TS443 | F1.443 | Healthcare Product and Service Design | 3:0:3(6) | Fall |
| | TS446 | F1.446 | Transdisciplinary Research Design & Methodology | 3:0:3(6) | Fall |
| | TS450 | F1.450 | Human Affect Recognition | 3:0:3(6) | Fall |
| TS472 | F1.472 | Special Topics in Transdisciplinary Studies | 3:0:3(6) | Spring and Fall | |
| Research | TS494 | F1.494 | IRP (Integrated Research Program) | 0:6:3(6) | Spring and Fall |
| | TS495 | F1.495 | Independent Study | 0:6:1(6) | Spring, Summer Fall, Winter |

※ All subjects are only for undergraduate program