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| ***Code*** | ***Title*** | ***Credits*** | ***Option*** |
| First Semester | | | |
| FT 5102 | Food Physics | 2 | Compulsory |
| FT 5103 | Biochemistry | 3 | Compulsory |
| FT 5104 | Food Chemistry | 2 | Compulsory |
| FT 5105 | Food Microbiology | 2 | Compulsory |
| FT 5106 | Food Preservation | 2 | Compulsory |
| FT 5199 | Seminar | 1 | Compulsory |
| FT 5107 | Science and Technology of Commodity Processing | 2 | Elective |
| FT 5111 | Food Safety | 2 | Elective |
| FT 5112 | Food Protection Systems | 2 | Elective |
| FT 5114 | Nutritional and Health Aspects of Food | 2 | Elective |
| FT 5154 | Functional Foods and Nutraceuticals | 2 | Elective |
| FT 5155 | Food Biotechnology | 2 | Elective |
| FT 5156 | Food Regulations and Quality Management  Systems | 2 | Elective |
| FT 5157 | Beverage Technology | 2 | Elective |
| ST 5155 | Design & Analysis of Experiments | 2 | Elective |
| Second Semester | | | |
| FT 5204 | Industrial Exposure | 1 | Compulsory |
| FT 5222 | Food Process Engineering and Unit Operations | 2 | Compulsory |
| FT 5223 | Food Analysis | 3 | Compulsory |
| FT 5224 | Sensory Evaluation of Foods | 2 | Compulsory |
| FT 5298 | Directed Study | 2 | Compulsory |
| ST 5204 | Nonparametric Statistics | 2 | Compulsory |
| FT 5201 | Food Plant Layout and Operations | 1 | Elective |
| FT 5203 | Production and Marketing Operations in Food Manufacturing Organizations | 2 | Elective |
| FT 5205 | Cereal Chemistry and Bakery Products Technology | 3 | Elective |
| FT 5206 | Horticultural Products Technology | 2 | Elective |
| FT 5207 | Meat and Fish Science and Technology | 3 | Elective |
| FT 5208 | Poultry and Egg Products Technology | 2 | Elective |
| FT 5209 | Processing of Milk and Milk Products | 2 | Elective |
| FT 5210 | Processing of Kernel and Nut Products | 1 | Elective |
| FT 5211 | Spice Processing Technology | 1 | Elective |
| FT 5213 | Techniques in Research and Scientific Writing | 2 | Elective |
| FT 5221 | Food Lipids | 2 | Elective |
| FT 5226 | Consumer-Driven Food Product Development | 2 | Elective |