Capital Equipment (items valued at >$5000) list for Nutrition, Dietetics and Food Science
Feb 2024

Individual labs
Microscope
Polarized light microscope
Water activity meter
Nuaire hood
Microplate reader (multiple)
Luminometer
PCR system
Incubator
Centrifuge (multiple)
Ultracentrifuge
Gel Doc XR system
Lab chopper system
Lab mixing extruder
Infrared spectrophotometer
Spin coater
Bio-assay reader
Sterilizer
Centrifuge (multiple)
Ultrasonic processor (multiple)
Liquid chromatograph
Microbore HPLC system
Ultrasonic processor
Integrated speed vac system
Shaker with platform
Spectrophotometer (multiple)
Spectrophotometer UV
Particle size analyzer
Cryostat knife
Ion beam sputterer
Texture analyzer
Compact modular rheometer
Tribology with cell measuring system
Powder rheometer
Litesizer
Compact titrator
ELSD
Gas chromatograph (multiple)
Nanodrop spectrophotometer (multiple)
Titrator
Tray dryer
Spray dryer
Nanoparticle analyzer
Oxymax calorimeter
Refractive index detector
Refrigerated circulator
Emulsion stability analyzer
Microscope with camera
Ultrasonic analysis system
Differential Scanning calorimeter
Water drop analyzer
Rheometer
Scraped surface heat exchanger
Rancimat
Power X-ray diffraction
High-pressure homogenizer
Fluorescence attachment
Microplate spectrophotometer
XPF analyzer
Chroma meter measure head
UVP chemstudio touch image
Bio stat
Refrigerated shaker
Uniamp
Continuous fluorescence
Thermo cycler
Bioanalyzer
Bead mill
Cotton candy machine

**Research Kitchen**
Electric combi oven (x2)
Freezer
Freeze dryer

**Dairy Production Laboratory**
Ice cream cup filler
Cheese cutter
Cheese grinder
Small batch freezer
Walk-in cooler growth chamber
Microwave drying system
600 gallon process tank
Cheese vats
Cheese curd mill
Homogenizer
Commercial continuous freezer
Bag filler
Cup filler
Vacuum packager
Pallet jack
Yogurt tank

**Chocolate Factory**
Roaster
2-roll refiner
Winnower
Stone melangeur (3 x 60 kg + 8 x 3 kg)
Hydraulic cocoa press
Continuous tempering machine
Melanger (multiple)
Temperer/depositor (multiple)
Finn Coater
Pan coater
Disk mill
Hammer mill
Chocolate packaging machine

**Meat Laboratory**
Bowl cutter
Vacuum tumbler
Stuffer
Patty machine
Smokehouse
Vacuum package machine
Sausage stuffer
Injector pickle

**Shared equipment**
Freezers (multiple)
Autoclave sterilizer

**Center for Human Nutrition Studies**
Benchtop centrifuge
Monochromator
Tissue lyser
Rotary evaporator
Microscope with camera
Protein array system
HPLC system
Thermal cycler mastercycler
Positive pressure well plate
Solvent evaporator