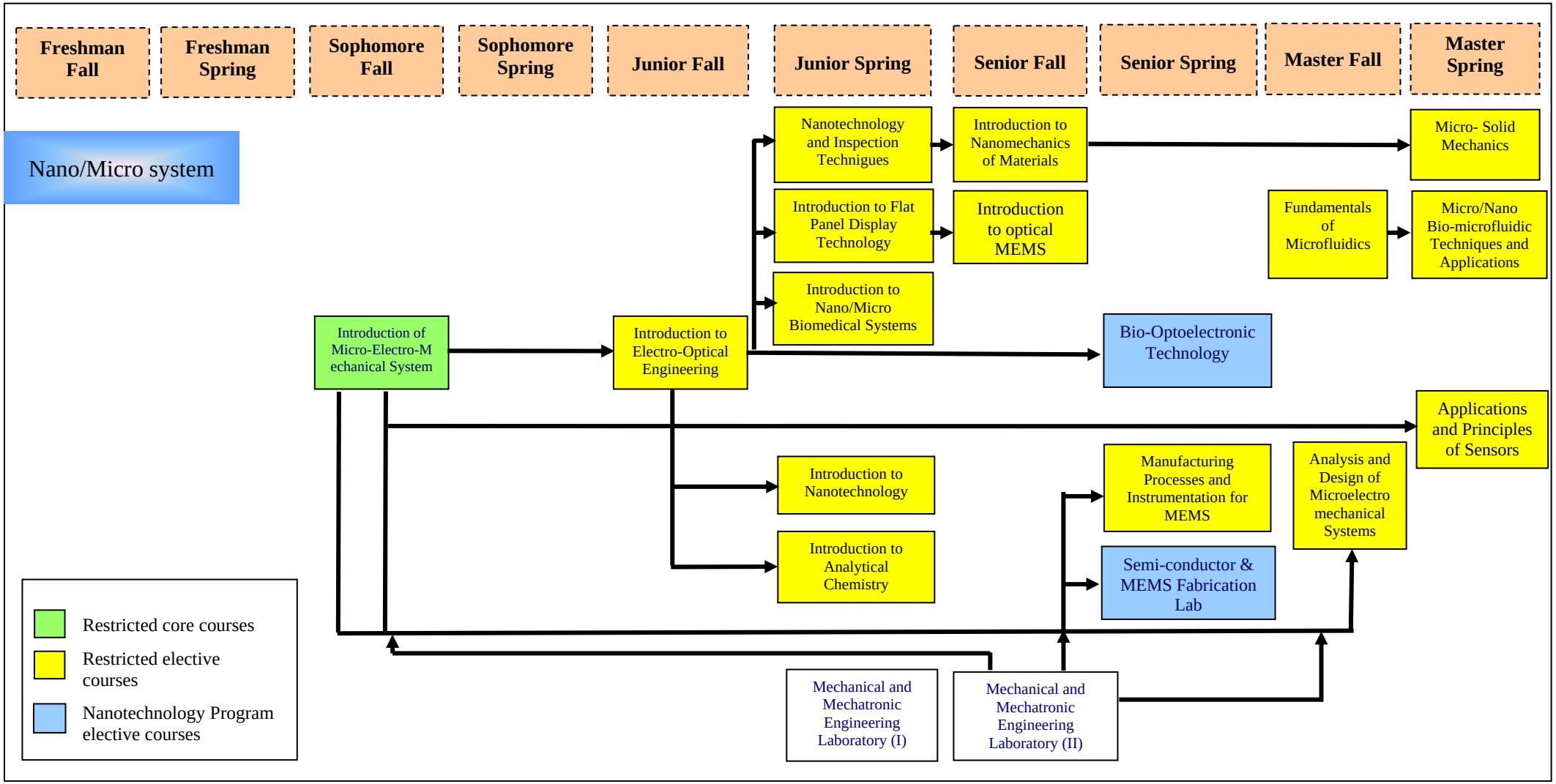
Freshman Fall
Freshman Spring
Sophomore Fall
Sophomore Spring
Junior Fall
Junior Spring
Senior Fall
Senior Spring
Master Fall
Master Spring
Nano/Micro system
Nanotechnology and Inspection Technigues
Introduction to Nanomechanics of Materials
Micro- Solid Mechanics
Introduction to Flat Panel Display Technology
Introduction to optical MEMS
Fundamentals of Microfluidics
Micro/Nano Bio-microfluidic Techniques and Applications
Introduction to Nano/Micro Biomedical Systems
Introduction of Micro-Electro-M echanical System
Introduction to Electro-Optical Engineering
Bio-Optoelectronic Technology
Applications and Principles of Sensors
Introduction to Nanotechnology
Manufacturing Processes and Instrumentation for MEMS
Analysis and Design of Microelectro mechanical Systems
Introduction to Analytical Chemistry
Semi-conductor & MEMS Fabrication Lab
Restricted core courses
Restricted elective courses
Nanotechnology Program elective courses
Mechanical and Mechatronic Engineering Laboratory (I)
Mechanical and Mechatronic Engineering Laboratory (II)