

**DEGREE PLAN REQUIREMENTS
FOR MASTER OF SCIENCE PROGRAM IN
NUCLEAR ENGINEERING
(NUCLEAR NONPROLIFERATION SPECIALIZATION)**

	Course Designation and Title	Credit Hours
Fall Year 1	NUEN 650 Nuclear Nonproliferation and Arms Control	3
	NUEN 601 Nuclear Reactor Theory	3
	NUEN 605 Radiation Detection and Nuclear Materials Measurement	3
	NUEN 681 Seminar	1
	NUEN 685 Independent Study	2
Spring Year 1	NUEN 604 Nuclear Radiation Shielding	3
	NUEN 606 Nuclear Reactor Analysis and Experimentation	4
	NUEN 651 Nuclear Fuel Cycles and Nuclear Material Safeguards	3
	NUEN 681 Seminar	1
	NUEN 691 Research	1
Fall Year 2	NUEN 656 Critical Analysis of Nuclear Security Data	4
	Technical Elective	3
	Technical Elective	3
	NUEN 691 Research	2
Total		36

In addition, the M.S. degree requires completion of a master's thesis.