

**1st Year**

**1st Semester (Fall)**

CREDIT HOURS	COURSE	COURSE NAME
2	NANO 8001	Perspectives at the Nanoscale
3	NANO 8102	Nanoscale Phenomena
2	GRAD 8302	Responsible Conduct of Research
0	GRAD 8990	Academic Integrity (brief online quiz)
3	NANO 8060	Life at the Nanoscale
1	NANO 8681	Nanoscale Science Seminar
1	CHEM 6150	Seminar Internship
<b>12</b>		

**2nd Semester (Spring)**

CREDIT HOURS	COURSE	COURSE NAME
3	NANO 8900	Dissertation Research
3	NANO 8101	Instrumentation
3	NANO 8103	Synthesis & Characterization
1	NANO 8682	Nanoscale Science Colloquium
1	NANO 8681	Nanoscale Science Seminar
1	CHEM 6150	Seminar Internship
<b>12</b>		

**2nd Year**

**3rd Semester (Fall)**

CREDIT HOURS	COURSE	COURSE NAME
3	NANO 8900	Dissertation Research
3	NANO 8301	Nanomedicine*
3	NANO 8351	Nanomaterials for Energy Applications*
3		<i>any STEM elective class you want!</i>
1	NANO 8682	Nanoscale Science Colloquium
1	NANO 8681	Nanoscale Science Seminar
1	CHEM 6150	Seminar Internship (if still teaching)
<b>12</b>		*Choose between NANO 8301 OR NANO 8351

**4th Semester (Spring)**

CREDIT HOURS	COURSE	COURSE NAME
3	NANO 8900	Dissertation Research
3	NANO 8203	Collaborative Research Proposal
3		<i>any STEM elective class you want!</i>
1	NANO 8682	Nanoscale Science Colloquium
1	NANO 8681	Nanoscale Science Seminar
1	CHEM 6150	Seminar Internship (if still teaching)
<b>12</b>		

**3rd Year**

**5th Semester (Fall)**

CREDIT HOURS	COURSE	COURSE NAME
7	NANO 8900	Dissertation Research
3		<i>any STEM elective class you want!</i>
1	NANO 8681	Nanoscale Science Seminar
1	CHEM 6150	Seminar Internship (if still teaching)
<b>12</b>		

**6th Semester (Spring)**

CREDIT HOURS	COURSE	COURSE NAME
10	NANO 8900	Dissertation Research
1	NANO 8681	Nanoscale Science Seminar
1	CHEM 6150	Seminar Internship (if still teaching)
<b>12</b>		

**Remaining Years**

**Every Semester Until Graduation if 72 credit hours not completed**

CREDIT HOURS	COURSE	COURSE NAME
10	NANO 8900	Dissertation Research
1	NANO 8681	Nanoscale Science Seminar
1	CHEM 6150	Seminar Internship (if still teaching)
<b>12</b>		

**Every Semester Until Graduation if 72 credit hours completed**

CREDIT HOURS	COURSE	COURSE NAME
3	GRAD 9800	Graduate Full-Time Enrollment Credit
<b>3</b>		