SAMPLE THREE-YEAR CURRICULUM
B. S. - Engineering Physics with 3-2 Binary Engineering Plan

First Year

First Semester			Second Semester		
PHY 181.F	The Physical World	4	PHY 182.F	The Physical World	4
PHY 183	Physics Laboratory	1	PHY 184	Physics Laboratory	1
MTH 151 or 153	Calculus I	4-5	MTH 251	Calculus II	4
Foreign Lang		4	Foreign Lang		3
ENG 111	College Composition	3	ENG 112	Composition & Literature	3
		16-17			15

Second Year

First Semester			Second Semester		
PHY 291	Contemporary Physics	4	PHY 292	Electronic Instrumentation	3
PHY 293	Contemporary Physics Lab	2	PHY 294	Electronic Instrumentation Lab	2
MTH 252	Calculus III	4	PHY 286	Computational Physics	3
MTH 222	Linear Algebra	3	MTH 347	Differential Equations	3
Foreign Lang		3	Miami Plan Foundation		3
			Miami Plan Foundation		3
		16			17

Third Year

First Semester			Second Semester		
PHY 341	Mathematical Methods in Physics	4	PHY 400	Seminar	1
PHY 400	Seminar	1	CHM 142	College Chemistry	3
CHM 141	College Chemistry	3	CHM 145	College Chemistry Laboratory	2
CHM 144	College Chemistry Laboratory	2	Miami Plan Foundation		3
Miami Plan Foundation		3	Miami Plan Foundation		3
Miami Plan Foundation		3	Miami Plan Foundation		3
		16			15

The Thematic Sequence requirement is satisfied by MTH 222, 252, and 347.

The Capstone requirement is met by completing the 3-2 Binary Program.

Students should check with the engineering school regarding any special course requirements.

Students must complete at least 96 credit hours at Miami University.