

**Suggested Curriculum for Fan Gongxiu Honors College
(Starting Fall, 2016)**

Course Category	Credit	Semester							
		1	2	3	4	5	6	7	8
I. University Honors	20	6	6	3	2	3	0	0	0
a) Introduction to Engineering and Engineering Design	2	2							
b) Cornerstone Design	3			3					
c) Science and Engineering Colloquia	2	2							
d) Engineering Ethics and Academic Writing	2		2						
e) Research Methods for Engineers	2				2				
f) Keystone Design	3					3			
g) Self-study Massive Open Online Courses	2	2	2*	2*	2*	2*	2*	2*	2*
h) Summer School	4		4		4*		4*		
II. General Education	42	10	9	7	8	4	2	2	0
a) MOE Requirements**	14	3	2	4	5				
b) Physical Education and National Defense**	6	1	3	1	1				
c) Computer Fundamentals	4	2						2	
d) Project Management	2					2			
e) Interdisciplinary General Education Electives	16	4	4	2	2	2	2	2*	2*
III. Science and Engineering Fundamentals	52	7.5	13	17	12	3	0	0	0
a) Mathematics Modules	23	5.5	8.5	3	3	3			
b) Physics Modules	9		4.5	4.5					
c) Chemistry	2	2							
d) Technical Fundamentals	18			9	9				
IV. Major Core and Technical Electives	42	0	0	0	2	9	17	10	4
a) Major Core	20				2	9	9		
b) Flexible Technical Electives	10						4	6	
c) Cooperative Education	4						4		
d) Capstone Design	8							4	4
Total Credits	156	24	28	27	24	19	19	12	4

*Indicates alternative scheduling.

** International students are exempted from these requirements.