

The Mechanical and Aerospace Engineering department offers the following degrees

- Bachelor of Science in Mechanical Engineering (BSME)
- Bachelor of Science in Aerospace Engineering (BSAE)
- Master of Science in Mechanical Engineering (MSME)
- Master of Science in Aerospace Engineering (MSAE)
- Ph.D. degree in Mechanical Engineering
- Ph.D. degree in Aerospace Engineering

Mechanical and Aerospace Engineering department undergraduate enrollment data:

Year	BSME	BSAE
2012	413	305
2013	454	257
2014	466	251
2015	485	245
2016	535	242
2017	512	237
2018	481	282
2019	504	272

## Mechanical and Aerospace Engineering department graduation data:

Degree Year*	Bachelor Degree		Master's Degree		Doctorate Degree		Total
	A E	M E	A E	M E	A E	ME	
2007-08		40		5		2	47
2008-09	2	54		13		1	70
2009-10	2	46		8		1	57
2010-11	7	54	1	16		5	83
2011-12	53	62	1	14		4	134
2012-13	71	47	2	6		5	131
2013-14	47	62	1	9	1	2	122
2014-15	59	67	3	8	2	5	144
2015-16	44	75	1	13	1	5	139
2016-17	32	126	0	13	0	4	175
2017-18	27	109	1	13	0	3	153

*\*Degree Year includes Summer through Spring*

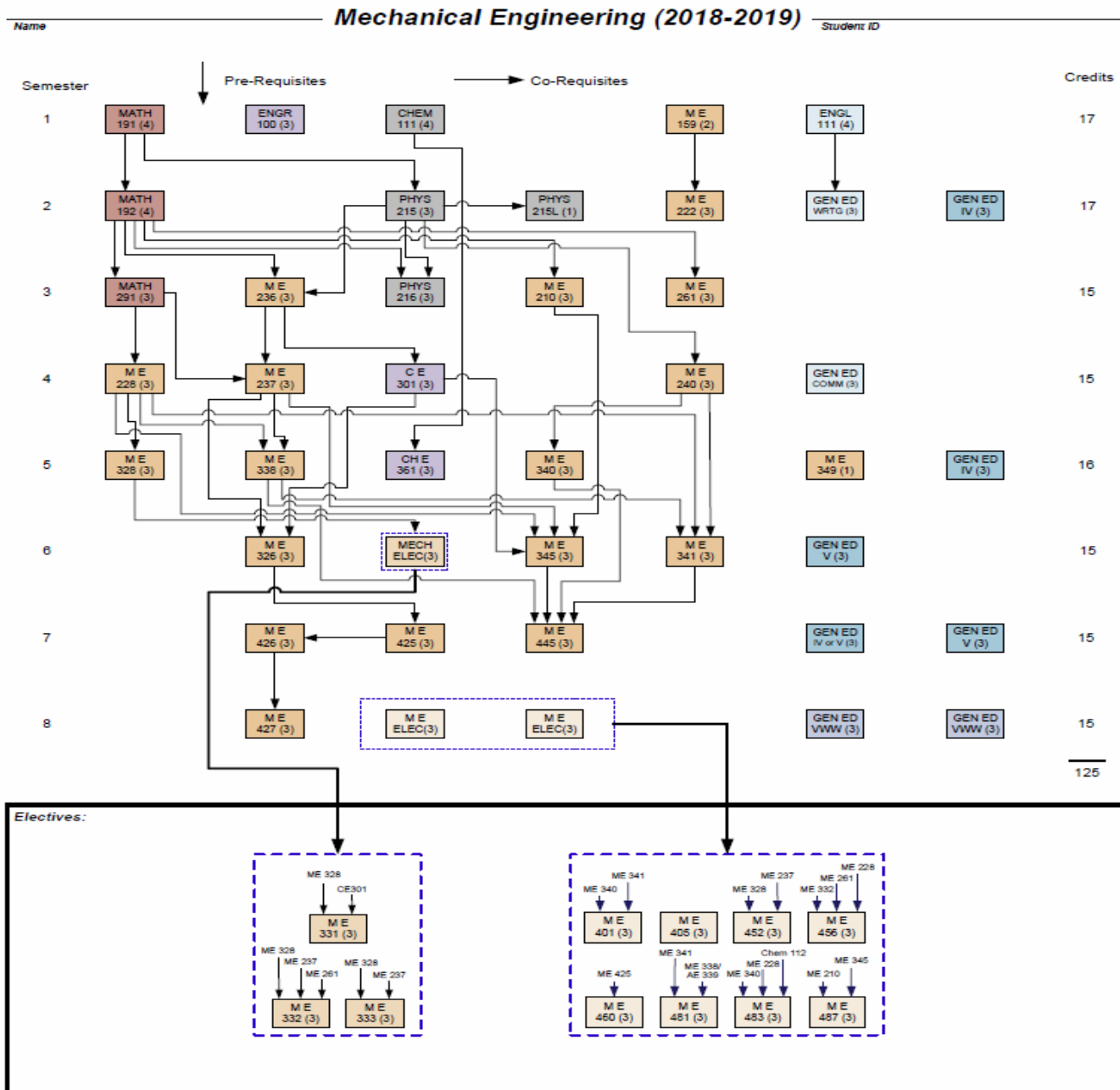
*Note: Degree counts may be duplicated within year, degree level, and across years and degree level. Many Bachelor degree recipients earn a degree in both majors. These counts represent the number of DEGREES, and not the number of degree RECIPIENTS*

## People in MAE department

- 14 tenured and tenure-track faculty plus 3 new faculty who will join us in Fall 2019
  - 4 aerospace engineering faculty (plus 1 new)
  - 10 mechanical engineering faculty (plus 2 new)
- 1 teaching faculty
- 1 Lab instruction manager
- 1 administrative assistant

# Engineering Physics External Advisory Board Meeting

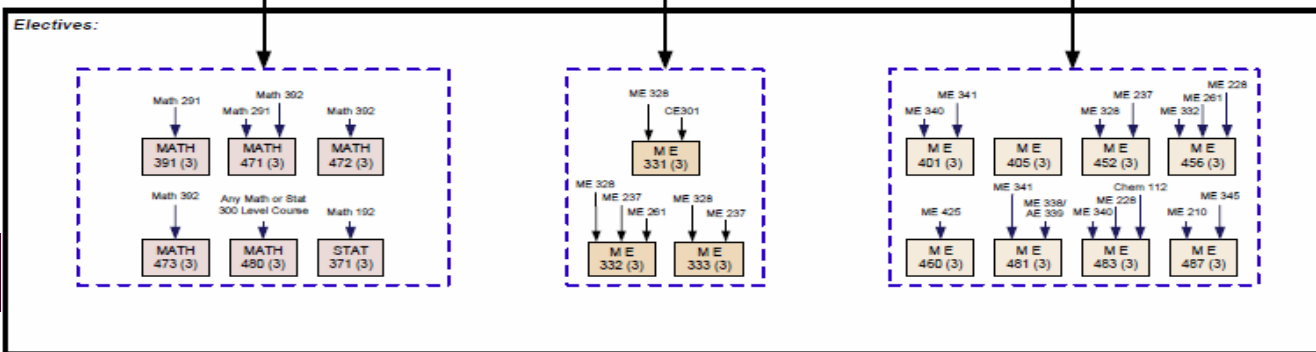
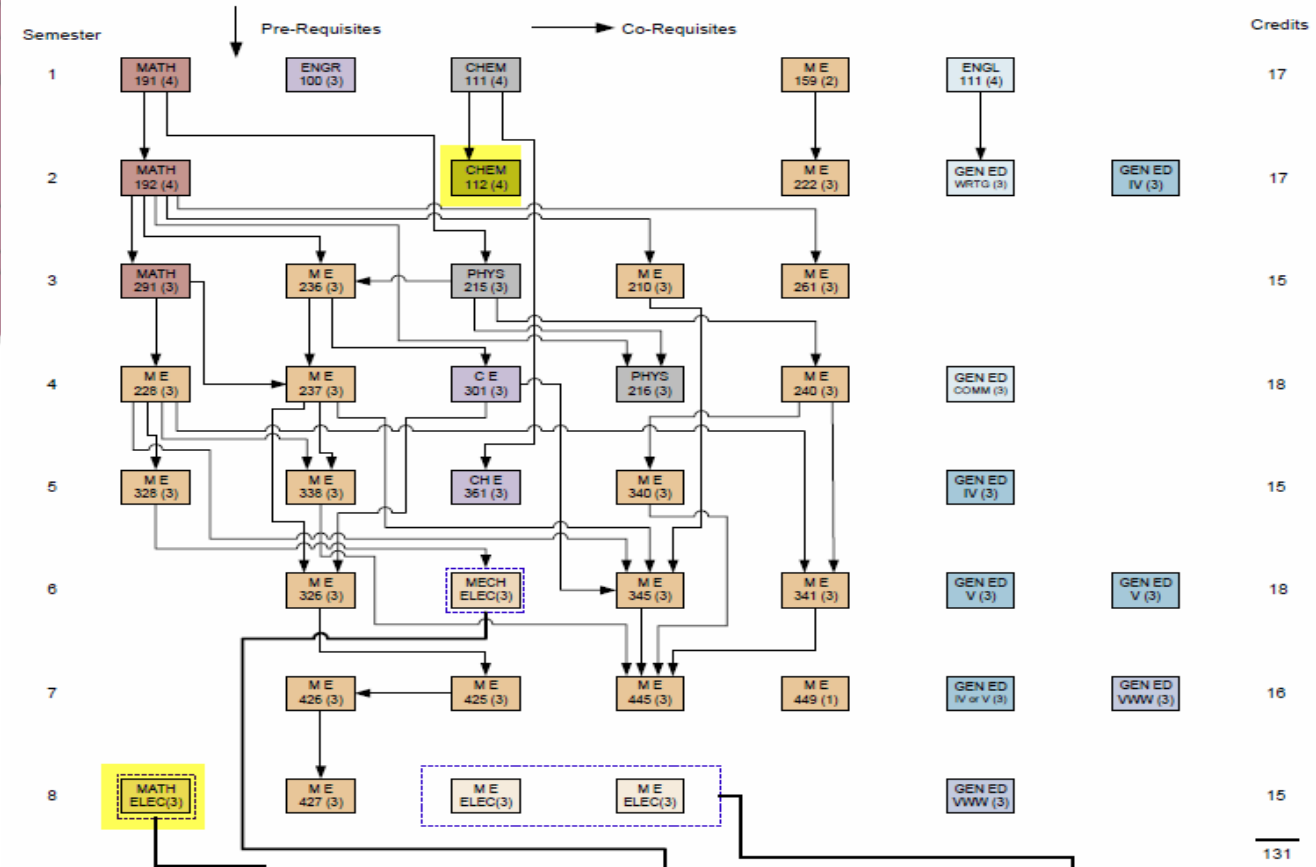
April 12 & 13, 2019



# Engineering Physics External Advisory Board Meeting

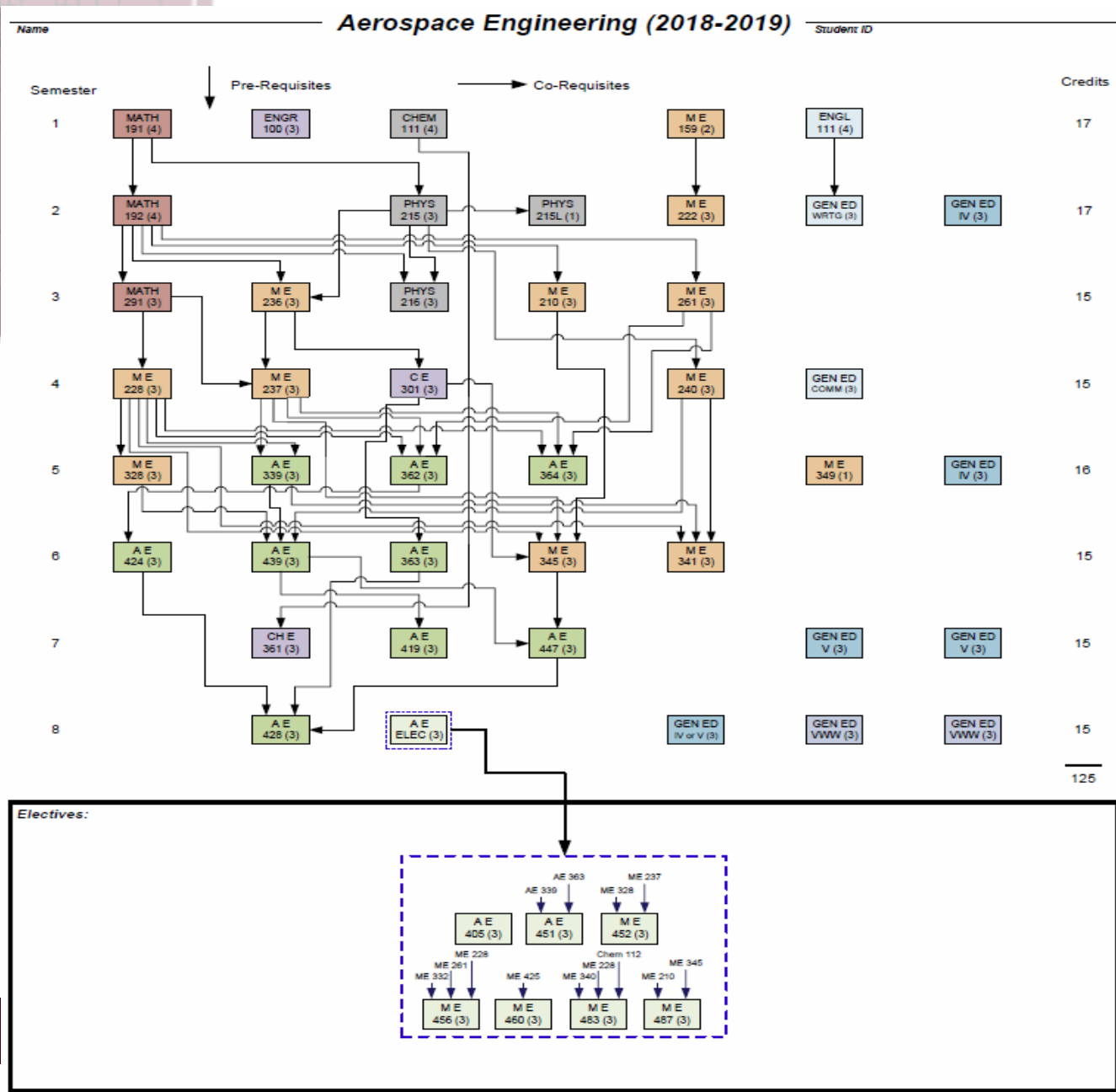
## April 12 & 13, 2019

Name \_\_\_\_\_ **Mechanical Engineering (2017-2018)** Student ID \_\_\_\_\_



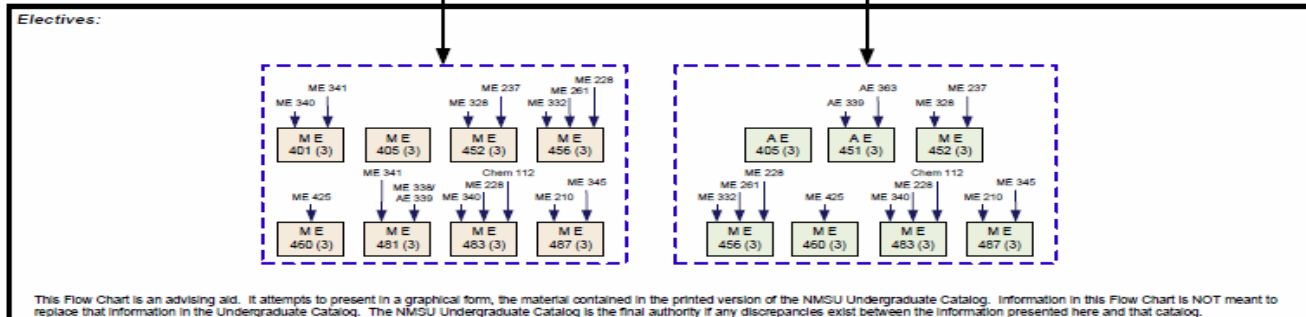
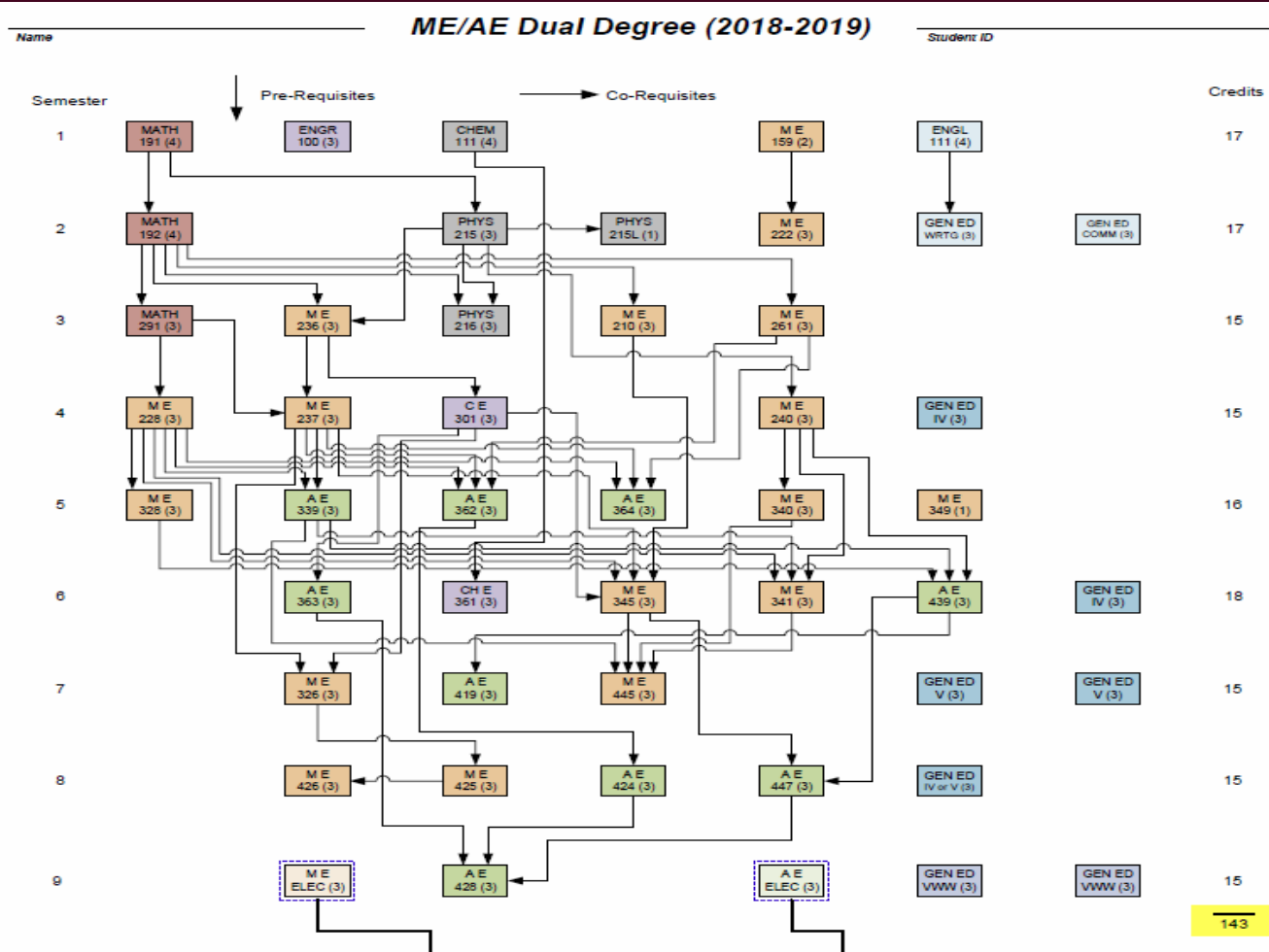
# Engineering Physics External Advisory Board Meeting

## April 12 & 13, 2019



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# Extracurricular Activities

## AIAA

The American Institute of Aeronautics and Astronautics is a professional society for the field of aerospace engineering. NMSU's AIAA Student Chapter meets on a bi-weekly basis, networks with fellow engineering students (at NMSU and nearby Universities) and alumni, participates in conferences, and competitions, and attends aerospace related museums, businesses, and events.

The American Society of Mechanical Engineers is a professional society for the field of mechanical engineering. NMSU's ASME Student Chapter meets on a bi-weekly basis for speakers, workshops, networking, and other activities that prepare students for future employment. Student members select a competition to participate in for the academic year that may involve robots, 3D printing, or human-powered vehicles.

## ASME

## DBF

Design/Build/Fly is an AIAA competition where teams design, fabricate, and fly an unmanned, electric powered, radio controlled aircraft which meets specified mission profiles.

## I REC

The ESRA hosts an Intercollegiate Rocket Engineering Competition for multistage and chemical propulsion type (solid, liquid, and hybrid) rockets. NMSU's IREC Team designs, builds, and launches a rocket that reaches a 10,000/30,000 ft. altitude in competition with student rocketry teams from across the USA and around the world.

## Mini Baja

Baja SAE is a competition where students design, build, and race an off-road vehicle through rough terrain. Baja members work as a team to discover and resolve technical challenges in design, test, manufacturing, and business issues.