

Purdue Online MSME POS SAMPLE

Below is just a sample of what a plan of study (POS) might look like for someone interested in this area. It is not a fixed plan, and you should create your plan of study based on what your interest is from the various course offerings. Always check to see what is available each semester when the course catalog is released, as the course offerings may change from what was initially expected.

Coursework Requirements

30 credit hours are required to complete the online MSME degree, and can consist of 1- 2-, and 3-credit hour courses.

- Must include **15 credit hours** of Mechanical Engineering graduate-level courses
- Must include **6 credit hours** of graduate-level Applied Math, three credits of which must be taken from the Department of Mathematics.
- **9 credit hours** of graduate-level Technical Elective courses from Engineering, Mathematics, or Science.

AREA: Heat and Mass Transfer

Area	Courses Title	Subj. Abbr.	Course No.	Credit Hours	Regis. Type	Grade	B or better	Transf -From	Date To Be Completed
RELATED	Adv Math Engr Phys I	MA	52700	3			█	█	Summer 2021
PRIMARY	Intermediate Heat Transfer	ME	50500	3			█	█	Fall 2021
PRIMARY	Numerical Methods in Heat, Mass and Momentum Transfer	ME	60800	3			█	█	Fall 2021
PRIMARY	Adv. Thermodynamics	ME	50000	3			█	█	Spring 2022
RELATED	Adv Math Engr Phys I	MA	52800	3			█	█	Spring 2022
PRIMARY	Heat Transfer in Electronic Systems	ME	59700	3			█	█	Fall 2022
RELATED	Statistical Methods	STAT	51100	3			█	█	Fall 2022
PRIMARY	Convection of Heat and Mass	ME	60500	3			█	█	Spring 2023
PRIMARY	Micro-and Nano-scale Energy Transfer Processes	ME	50300	3			█	█	Spring 2023
PRIMARY	Statistical Thermodynamics	ME	50100	3			█	█	Fall 2023