

# HEATING, VENTILATING, AIR-CONDITIONING AND REFRIGERATING CONCENTRATION (HVAC&R)

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ME 418	Implementation of Mechanical Controls	4
or ME 419	Advanced Control Systems	
ME 456	HVAC Air and Water Distribution System Design	4
ME 459	HVAC Senior Design Project I	3
ME 460	HVAC Senior Design Project II	2
Select from the following: <sup>1</sup>		12
ME 359	Fundamentals of HVAC Systems	
ME 453	Trends and Opportunities in HVAC&R	
ME 454	Benchmarking and Assessment of Building Energy Performance	
ME 455	Introduction to Building Energy Modeling	
ME 457	Refrigeration Principles and Design	
ME 458	Building Heating and Cooling Loads	
<b>Total units</b>		<b>25</b>

<sup>1</sup> ME 400 and ME 500 are independent study classes and may be acceptable for technical elective credit. A course substitution form is required.