

# Code Renewable Energy Concentration

Under Review | Fall 2024

## Proposal Information

---

### Workflow Status

In Progress

**Faculty Senate, Faculty Senate**

expand ▲

Waiting for Approval | Faculty Senate Approval

Rick Holmes

Nancy Middlebrook

## Proposal Information

---

### Sponsoring faculty/staff member ⓘ

Janine Pacheco

### Sponsoring faculty/staff email

jpachec3@unm.edu

### College

School of Engineering

### Department

Mechanical Engineering

### Campus

Main Campus

## Effective Term and Year

---

### Proposed Effective Term and Year

Fall 2024

## Justification

---

### Concentration Justification

The ME department proposes to offer a masters-level concentration in Renewable Energy. This concentration is intended to equip graduate students with knowledge and skills in the broad renewable energy field. Students need to be accepted into the MSME program to be eligible for this concentration. The requirements for this concentration are listed below. Two courses in the concentration are in the process of review for new course numbers- Solar Thermal Technologies and Optimal Control. Once they receive new course numbers, we will add them to these numbers to an updated concentration form.

## Associated Forms

---

Select any associated course forms that exist

Select any associated program forms that exist

## Program Information

---

**Degree Name**

MS Mech Engin - Master of Science in Mechanical Engineering

**Degree Type**

Master of Science

**Program Type**

Graduate

**Program Description**

No Parent Selected

**Degree Hours**

31 - 34

**Minimum Major Hours****Degree Requirements**

# Fetching rules...

## Concentration Information

---

**Concentration Title**

Renewable Energy Concentration

**Program Level**

Graduate

**Concentration Requirements**

- Complete all of the following
  - Earned a minimum grade of C in each of the following:
    - ME520 - Advanced Thermodynamics I (3)
    - ME573 - Energy Storage and Conversion Systems (3)
  - Earn at least 6 credits from the following types of courses:  
Must earn a a grade of C or better in the courses- Solar Thermal Technologies and Optimal Control

**Grand Total Credits: 12**

**Concentration Description**

The ME department proposes to offer a masters-level concentration in Renewable Energy. This concentration is intended to equip graduate students with knowledge and skills in the broad renewable energy field. Students need to be accepted into the MSME program to be eligible for this concentration.