

POLICY: 9-9.9 REV:  
DATE: JUNE 10, 1980

**SUBJECT: FACULTY REGULATIONS - Chapter IX - Section 15 GRADUATE STUDIES AND DEGREES**

**SECTION 15. REQUIREMENTS FOR THE DEGREE OF MASTER OF ENGINEERING FOR THE COLLEGE OF MINES AND MINERAL INDUSTRIES**

THE MASTER OF ENGINEERING DEGREE IS NOT BASED SOLELY UPON THE ACCUMULATION OF A GIVEN NUMBER OF HOURS OF COURSE WORK BUT SHOULD BE STRUCTURED TO PROVIDE A SPECIAL CAPABILITY FOR THE CANDIDATE. IN PLACE OF THE MASTER OF SCIENCE THESIS, THE CANDIDATE WILL WRITE A PAPER INVOLVING SOME ASPECT OF ENGINEERING DESIGN WHICH SHOULD REPRESENT AN EQUIVALENT EFFORT OF 6-9 QUARTER CREDIT HOURS. WHAT IS TO CONSTITUTE AN APPROPRIATE AREA OF DESIGN IS UP TO THE MAJOR DEPARTMENT AND MAY INCLUDE PROCESS DESIGN OR FIELD STUDIES AS WELL AS DESIGN IN THE MORE CONVENTIONAL ENGINEERING SENSE. ALL OTHER REQUIREMENTS AS STATED FOR THE M.S. DEGREE WILL APPLY TO THE MASTER OF ENGINEERING DEGREE.

THE DEPARTMENT TITLES CURRENTLY AUTHORIZED INCLUDE THE FOLLOWING:

MASTER OF ENGINEERING - (FUELS ENGINEERING)  
MASTER OF ENGINEERING - (GEOLOGICAL ENGINEERING)  
MASTER OF ENGINEERING - (METALLURGICAL ENGINEERING)  
MASTER OF ENGINEERING - (MINING ENGINEERING)

COURSE REQUIREMENTS. A CANDIDATE FOR THE MASTER OF ENGINEERING DEGREE MUST COMPLETE A MINIMUM OF 45 QUARTER HOURS OF WHICH 30 HOURS MINIMUM ARE SPECIFIED BY THE MAJOR DEPARTMENT AND 15 HOURS ARE ELECTED. THE 30 HOURS MUST INCLUDE NOT LESS THAN 18 HOURS OF COURSE WORK WITHIN THE MAJOR DEPARTMENT. A MINIMUM OF 36 HOURS MUST BE AT THE UNIVERSITY OF UTAH. THE CANDIDATE WILL CONDUCT AN ENGINEERING STUDY AND SUBMIT A WRITTEN REPORT WHICH MUST BE INDIVIDUAL WORK IN SOME ASPECT OF ENGINEERING DESIGN. THE CANDIDATE MAY RECEIVE 6-9 HOURS OF CREDIT UNDER SPECIAL TOPICS OR OTHER APPROPRIATE COURSE TITLES FOR THE WRITTEN REPORT BUT NOT INCLUDED IN THE 18 HOURS INDICATED ABOVE. IN PLACE OF A THESIS DEFENSE, THE CANDIDATE SHALL BE REQUIRED TO TAKE A COMPREHENSIVE ORAL AND/OR WRITTEN EXAMINATION CONDUCTED BY THE CANDIDATE'S SUPERVISORY COMMITTEE.

SUPERVISORY COMMITTEE. EACH CANDIDATE FOR THE MASTER OF ENGINEERING DEGREE WILL HAVE AN INDIVIDUAL SUPERVISORY COMMITTEE WHICH MUST APPROVE THE PROGRAM OF STUDY. WITH THE APPROVAL OF THE SUPERVISORY COMMITTEE, THE STUDENT'S PROGRAM MAY BE EITHER DEPARTMENTAL OR INTERDISCIPLINARY.

APPROVED: UNIVERSITY SENATE 3/3/80  
APPROVED: INSTITUTIONAL COUNCIL 3/10/80