



MTH 210

MTH 211

MTH 212

MTH 370

PHY 221 and

PHY 222 and

PHY 223

CHE 105

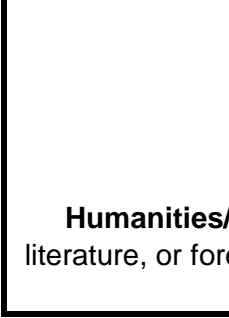
ENG 111

ECO 211 or
ECO 212



Group



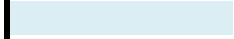


Humanities/
literature, or fore



HIST 261 or
HIST 262 or
HIST 162
ENG 112 or
SPC 100 or
ENG 360
CSI 230
PHY 253
PHY 251
PHY 252/CSI
335

MTH 360



HIST 162 or
HIST 261 or
HIST 262

PHY 251
PHY 252/CSI
335

ENG 112 or
SPC 100

PHY 101





HIST 261 or
HIST 262 or
HIST 162
PHY 251

CHE 205

CHE 106

ENG 112 or
SPC 100



ENG 112 or
ENG 360

HIST 261 or
HIST 262 or
HIST 162
CHE 106
CHE 106
CHE 205
CHE 206



ENG 112 or
ENG 360
HIST 261 or
HIST 262 or
HIST 162
CHE 106
CHE 205

CHE 206

CSI 230



ENG 112 or
SPC 100 or
ENG 360
HIST 261 or
HIST 262 or
HIST 162
PHY 251
PHY 252/CSI
335

SPC 100
ENG 112 or
ENG 360
HIST 261 or
HIST 262 or
HIST 162

CSI 230

CSI 330

PHY 251 and

PHY 252/CSI

335

PHY 253

MTH 360



SPC 100

ENG 112 or

ENG 360

HIST 261 or

HIST 262 or

HIST 162

CSI 230

PHY 251 and

PHY 252/CSI

335

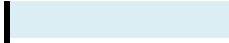
PHY 253

MTH 360





PSY 153
HIST 261 or
HIST 262 or
HIST 162
ENG 112 or
SPC 100 or
ENG 360
PHY 253
PHY 251
PHY 252/CSI
335



ENG 112 or
SPC 100 or
ENG 360
HIST 261 or
HIST 262 or
HIST 162

CHE 106

BIO 110

PHY 251

PHY 252/CSI

335



ENG 112 or

SPC 100 or

ENG 360

HIST 261 or

HIST 262 or

HIST 162

PHY 251

PHY 252/CSI

335

BIO 110 or

CHE 106 or

CHE 205







HIST 261 or
HIST 262 or
HIST 162
ENG 112 or
SPC 100 or
ENG 360

CSI 230

PHY 253
PHY 251
PHY 252/CSI
335

MTH 360



ENG 112 or
SPC 100 or
ENG 360

HIST 261 or
HIST 262 or
HIST 162

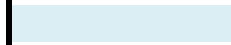
PHY 251

CHE 106

CHE 205 or
PHY 253



ENG 112 or
ENG 360
HIST 261 or
HIST 262 or
HIST 162
PHY 251
PHY 252/CSI
335



ENG 112 or
ENG 360

HIST 261 or
HIST 262 or
HIST 162

CSI 230

PHY 251



ENG 112 or
ENG 360

HIST 261 or
HIST 262 or
HIST 162

PHY 251

PHY 252/CSI

335

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McKendree Genera

Complete Group 1 - Core Requi

Group 1 - Core Requi

Engineering students take all Group 1 prerequisites: While they are not part of Mis to success in calculus. To prepare for

McKendree University

Calculus I

Calculus II

Calculus III

Differential Equations and Modeling

Univ Physics I: Mechanics and

Univ Physics II: Electricity and Magnetism and

Univ Physics III: Thermal and Quantum Physics

College Chemistry I

English I

Principles of Microeconomics or
Principles of Macroeconomics

Total Hours

Group 2 - Major Requirements

Engineering students take all Group 1 - Courses listed below

Aerospace Engineering
Architectural Engineering
Ceramic Engineering
Chemical Engineering
Chemical Engineering/Biochemical Engineering
Emphasis
Civil Engineering
Computer Engineering
Electrical Engineering

Engineering

Free Electives: Some programs allow Free E
your advisor and may not include remedial/c

Social Science (HSS) Electives: HSS elective
sign language. Missouri S&T approved HSS cour
adviso

Aerospace Engine

McKendree University

United States History to 1875 or
United States History since 1875 or
World Civilization Since 1450
English II or
Fundamentals of Speech Communication or
Technical Writing
Intro to Computing II
Electronic Circuits
Engineering Mechanics I: Statics

Engineering Mechanics II: Dynamics

Linear Algebra

See your advisor for course options.

See your advisor for course options.

No free electives applied to the degree.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Architectural Engine

McKendree University

World Civilization Since 1450 or
United States History to 1875 or
United States History since 1875

Engineering Mechanics I: Statics

Engineering Mechanics II: Dynamics

English II or
Fundamentals of Speech Communication

Astronomy

No free electives applied to the degree.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Ceramic Engineer

McKendree University

United States History to 1875 or
United States History since 1875 or
World Civilization Since 1450
Engineering Mechanics I: Statics

Organic Chemistry I

College Chemistry II

English II or
Fundamentals of Speech Communication

See your advisor for course options.

No free electives applied to the degree.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Chemical Engineer

McKendree University

English II or
Technical Writing

United States History to 1875 or
United States History since 1875 or
World Civilization Since 1450

College Chemistry II

College Chemistry II

Organic Chemistry I

Organic Chemistry II

See your advisor for course options.

See your advisor for course options.

No free electives applied to the degree.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Chemical Engineering Group

McKendree University

English II or

Technical Writing

United States History to 1875 or

United States History since 1875 or

World Civilization Since 1450

College Chemistry II

Organic Chemistry I

Organic Chemistry II

Intro to Computing II

See your advisor for course options.

See your advisor for course options.

No free electives applied to the degree.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Civil Engineering

McKendree University

English II or
Fundamentals of Speech Communication or
Technical Writing
United States History to 1875 or
United States History since 1875 or
World Civilization Since 1450
Engineering Mechanics I: Statics

Engineering Mechanics II: Dynamics

See your advisor for course options.

No free electives applied to the degree.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Computer Engineering

McKendree University

Fundamentals of Speech Communication
English II or
Technical Writing
United States History to 1875 or
United States History since 1875 or
World Civilization Since 1450

Intro to Computing II
Data Structures and Algorithms

Engineering Mechanics I: Statics and
Engineering Mechanics II: Dynamics

Electronic Circuits

Linear Algebra

See your advisor for course options.

See your advisor for course options.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Electrical Engineering

McKendree University

Fundamentals of Speech Communication

English II or

Technical Writing

United States History to 1875 or

United States History since 1875 or

World Civilization Since 1450

Intro to Computing II

Engineering Mechanics I: Statics and

Engineering Mechanics II: Dynamics

Electronic Circuits

Linear Algebra

See your advisor for course options.

See your advisor for course options.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Engineering Manag

McKendree University

Introduction to Psychology

United States History to 1875 or

United States History since 1875 or

World Civilization Since 1450

English II or

Fundamentals of Speech Communication or

Technical Writing

Electronic Circuits

Engineering Mechanics I: Statics

Engineering Mechanics II: Dynamics

See your advisor for course options.

See your advisor for course options.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Environmental Engir

McKendree University

English II or

Fundamentals of Speech Communication or

Technical Writing

United States History to 1875 or

United States History since 1875 or

World Civilization Since 1450

College Chemistry II

Principles of Biology

Engineering Mechanics I: Statics

Engineering Mechanics II: Dynamics

See your advisor for course options.

No free electives applied to the degree.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Geological Engine

McKendree University

English II or

Fundamentals of Speech Communication or
Technical Writing

United States History to 1875 or

United States History since 1875 or

World Civilization Since 1450

Engineering Mechanics I: Statics

Engineering Mechanics II: Dynamics

Principles of Biology r

Chemistry II or

Organic Chemistry I

See your advisor for course options.

See your advisor for course options.

No free electives applied to the degree.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Mechanical Engine

McKendree University

United States History to 1875 or
United States History since 1875 or
World Civilization Since 1450
English II or
Fundamentals of Speech Communication or
Technical Writing

Intro to Computing II

Electronic Circuits

Engineering Mechanics I: Statics

Engineering Mechanics II: Dynamics

Linear Algebra

See your advisor for course options.

No free electives applied to the degree.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Metallurgical Engine

McKendree University

English II or
Fundamentals of Speech Communication or
Technical Writing

United States History to 1875 or
United States History since 1875 or
World Civilization Since 1450

Engineering Mechanics I: Statics
College Chemistry II

Organic Chemistry I or
Electronic Circuits

See your advisor for course options.

See your advisor for course options.

See your advisor for course options.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Mining Engineer

McKendree University

English II or

Technical Writing

United States History to 1875 or

United States History since 1875 or

World Civilization Since 1450

Engineering Mechanics I: Statics

Engineering Mechanics II: Dynamics

See your advisor for course options.

See your advisor for course options.

No free electives applied to the degree.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Nuclear Engineer

McKendree University

English II or

Technical Writing

United States History to 1875 or
United States History since 1875 or
World Civilization Since 1450

Intro to Computing II

Engineering Mechanics I: Statics

See your advisor for course options.

See your advisor for course options.

See your advisor for course options.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

Petroleum Engineering

McKendree University

English II or

Technical Writing

United States History to 1875 or

United States History since 1875 or

World Civilization Since 1450

Engineering Mechanics I: Statics

Engineering Mechanics II: Dynamics

See your advisor for course options.

See your advisor for course options.

No free electives applied to the degree.

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours

University — Miss I Engineering Transfer Guide Effective as of Fall 2017

Requirements and Group 2 - Major Requirements

Requirements: All Majors

- Core Requirements and Group 2 - Major Requirements
Missouri S&T engineering degree requirements
For entry into calculus, students should follow
recommendations at their college.

Semester

4	MATH 1214
4	MATH 1215
4	MATH 2222
3	MATH 3304
12	PHYSICS 1135 and PHYSICS 2135
5	CHEM 1310, 1319
3	ENGLISH 1120

3

ECON 1100 or
ECON 1200

38

Students: Take All Courses

Core Requirements (above) and Group 2 - Major
w. See course requirements on following page

try

Engi

Enviro

Geo

Mec

Meta

M

Nu

Pet

g Major Requirements are detailed on the follo
lectives as indicated within each major. Free EL
eficiency courses, algebra, trigonometry, pre-c
s may include any history, economics, political s
ses are listed at ugs.mst.edu. Your campus ma
r or email transfer@mst.edu with questions.

Engineering Group 2 Major

Semester

3	HISTORY 1300 or HISTORY 1310 or HISTORY 1200 ENGLISH 1160 or
3	SPMS 1185 or ENGLISH 3560
4	CS 1570, 1580
4	EE 2800
3	CIV ENG 2200
3	AERO ENG 2360
3	MATH 3108

23
38
61

Engineering Group 2 Major

Semester

3	HISTORY 1200* (or HISTORY 1300 or HISTORY 1310)
3	CIV ENG 2200
3	MECH ENG 2350 ENGLISH 1160 or SPMS 1185 or HSS Elective
4	PHYSICS 1505
<hr/>	
16	
38	
54	
<hr/>	

ering Group 2 Major R

Semester

3	HISTORY 1300 or HISTORY 1310 or HISTORY 1200
3	CIV ENG 2200
5	CHEM 2210/2219
5	CHEM 1320
3	ENGLISH 1160 or SPMS 1185 or HSS Elective
<hr/>	
19	
38	
57	

ering Group 2 Major I

Semester

3	ENGLISH 1160 or ENGLISH 3560
---	---------------------------------

3	HISTORY 1300 or HISTORY 1310 or HISTORY 1200
5	CHEM 1320
5	CHEM 2210
5	CHEM 2220
5	CS 1570, 1580
<hr/>	
26	
38	
64	

**J - Biochemical Engineering
2 Major Requirements**

<u>Semester</u>	
3	ENGLISH 1160 or ENGLISH 3560 HISTORY 1300 or HISTORY 1310 or HISTORY 1200
3	HISTORY 1300 or HISTORY 1310 or HISTORY 1200
5	CHEM 1320
5	CHEM 2210

5	CHEM 2220
4	CS 1570, 1580

25
38
63

Engineering Group 2 Major Requirements

Semester

3	ENGLISH 1160 or SPMS 1185 or ENGLISH 3560
3	HISTORY 1300 or HISTORY 1310 or HISTORY 1200
3	CIV ENG 2200
3	MECH ENG 2350

12
38
50

Engineering Group 2 Major Requirements

Semester

3	SPMS 1185
3	ENGLISH 1160 or ENGLISH 3560
3	HISTORY 1300 or HISTORY 1310 or HISTORY 1200

4	CS 1570, 1580
3	CS 1575
	CIV ENG 2200 and MECH ENG 2350
3	
4	EE 2100**
3	MATH 3108
<hr/>	
26	
38	
64	

Engineering Group 2 Major I

Semester

3	SPMS 1185
3	ENGLISH 1160 or ENGLISH 3560
3	HISTORY 1300 or HISTORY 1310 or HISTORY 1200
4	CS 1570, 1580
	CIV ENG 2200 and MECH ENG 2350
3	

4 EE 2100**

3 MATH 3108

23

38

61

ement Group 2 Major

Semester

3	PSYCH 1101 HISTORY 1300 or
3	HISTORY 1310 or HISTORY 1200 ENGLISH 1160 or
3	SPMS 1185 or ENGLISH 3560
4	EE 2800
3	CIV ENG 2200
3	MECH ENG 2350

19
38
57

neering Group 2 Major

Semester

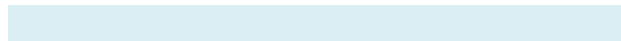
3	ENGLISH 1160 or SPMS 1185 or ENGLISH 3560
3	HISTORY 1300 or HISTORY 1310 or HISTORY 1200

5	CHEM 1320
4	BIO SCI 1113
3	CIV ENG 2200
3	MECH ENG 2350
<hr/>	
21	
38	
59	

ering Group 2 Major

Semester

3	ENGLISH 1160 or SPMS 1185 or ENGLISH 3560 HISTORY 1300 or
3	HISTORY 1310 or HISTORY 1200
3	CIV ENG 2200
3	MECH ENG 2350
4	BIO SCI 1113 or CHEM 1320 or CHEM 2210



16
38
54



Engineering Group 2 Major

Semester

3	HISTORY 1300 or HISTORY 1310 or HISTORY 1200 ENGLISH 1160 or
3	SPMS 1185 or ENGLISH 3560
4	CS 1570, 1580
4	EE 2800
3	CIV ENG 2200
3	MECH ENG 2360
3	MATH 3108
<hr/>	
13	
38	
51	

Engineering Group 2 Major

Semester

3	ENGLISH 1160 or SPMS 1185 or ENGLISH 3560 HISTORY 1300 or
3	HISTORY 1310 or HISTORY 1200
3	CIV ENG 2200
5	CHEM 1320
4	CHEM 2210 or EE 2800



18
38
56

Engineering Group 2 Major Requirements

Semester

3	ENGLISH 1160 or ENGLISH 3560
3	HISTORY 1300 or HISTORY 1310 or HISTORY 1200
3	CIV ENG 2200*
3	MECH ENG 2350*
	*The combination of CIV ENG 2200

12
38
50

Engineering Group 2 Major Requirements

Semester

3	ENGLISH 1160 or ENGLISH 3560
---	---------------------------------

3	HISTORY 1300 or HISTORY 1310 or HISTORY 1200
---	--

4	CS 1570, 1580
---	---------------

3	CIV ENG 2200
---	--------------

13
38
51

ering Group 2 Major


Semester

3	ENGLISH 1160 or ENGLISH 3560 HISTORY 1300 or
---	--

3	HISTORY 1310 or HISTORY 1200
---	---------------------------------

3	CIV ENG 2200
---	--------------

3	MECH ENG 2350
---	---------------



6
38
44

Missouri S&T College

Requirements for major of choice.

Take All Courses

Requirements for major of choice. Math
placement testing and advising
are critical. Algebra and trigonometry skills are critical.

Missouri S&T

Calculus for Engineers I Grade of C or better is

required.

Calculus with Analytic Geometry III

Grade of C or better is required.

Elementary Differential Equations

Engineering Physics I and II Grade of C or better is
required.

General Chemistry I and Lab

Exposition and Argumentation

Principles of Microeconomics or
Principles of Macroeconomics

Total Hours

es for Major of Choice

or Requirements for chosen major from list
ges.

neering Management
onmental Engineering
ological Engineering
chanical Engineering
llurgical Engineering
lining Engineering
uclear Engineering
roleum Engineering

wing pages.

ectives should be selected in consultation with
alculus, or extra credits in required courses.

science, sociology, psychology, philosophy, fine
y have additional acceptable options. Consult with

Requirements

Missouri S&T

American History to 1877 or
American History since 1877 or
Modern Western Civilization
Writing and Research or
Principles of Speech or
Technical Writing

Intro to Programming and Lab (C++)

Circuit Analysis I

Engineering Mechanics-Statics

Dynamics

Linear Algebra I

(Will satisfy the Advanced Math/Comp Sci elective requirement.)

Literature Elective

Ethics Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 68
credits toward the S&T Aerospace Engineering degree.

r Requirements

Missouri S&T

Modern Western Civilization*
(or American History to 1877 or
American History since 1877)

*HISTORY 1200 is preferred; 1300 or 1310 will also be accepted.

Engineering Mechanics-Statics

Engineering Mechanics-Dynamics

Writing and Research or

Public Speaking or

Humanities/Social Science Elective: history,
economics, political science, sociology,

psychology, philosophy, fine art, literature,

Introductory Astronomy (or other chemistry,

geology, biology, physics, or astronomy course

that is not otherwise required for the degree)

Applies to the degree as a basic science elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 60
credits toward the S&T Architectural Engineering degree.

Requirements

Missouri S&T

American History to 1877 or
American History since 1877 or
Modern Western Civilization

Engineering Mechanics-Statics
Organic Chemistry I and Lab

(Not a specific requirement. Will satisfy technical elective requirement.)

General Chemistry II
Writing and Research or
Public Speaking or
Humanities/Social Science Elective: history,
economics, political science, sociology,
Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 68 credits toward the S&T Ceramic Engineering degree.

Requirements

Missouri S&T

Writing and Research or
Technical Writing

American History to 1877 or
American History since 1877 or
Modern Western Civilization

General Chemistry II

Organic Chemistry I

Organic Chemistry II (Will satisfy science elective
requirement)

Intro to Programming and Lab (C++)

Humanities/Social Science Elective

Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 60
credits toward the S&T Chemical Engineering degree.

Engineering Emphasis Requirements

Missouri S&T

Writing and Research or

Technical Writing

American History to 1877 or

American History since 1877 or

Modern Western Civilization

General Chemistry II

Organic Chemistry I

Organic Chemistry II (Will satisfy science elective requirement)

Intro to Programming and Lab (C++)

Humanities/Social Science Elective

Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

credits toward the S&T Chemical/Biochemical Engineering degree.

Requirements

Missouri S&T

Writing and Research or

Public Speaking or

Technical Writing

American History to 1877 or

American History since 1877 or

Modern Western Civilization

Engineering Mechanics-Statics

Engineering Mechanics-Dynamics

Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 69 credits toward the S&T Civil Engineering degree.

Requirements

Missouri S&T

Public Speaking

Writing and Research or

Technical Writing

American History to 1877 or

American History since 1877 or

Modern Western Civilization

Intro to Programming and Lab (C++)

Data Structures

Engineering Mechanics-Statics and

Engineering Mechanics-Dynamics

(Both courses combined will satisfy a required engineering science elective)

Circuits I **A passing grade on the Missouri S&T EE

Advancement Exam I is required to receive credit for EE 2100.

Linear Algebra (Will satisfy a required math elective)

Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 68 credits toward the S&T Computer Engineering degree.

Requirements

Missouri S&T

Public Speaking

Writing and Research or

Technical Writing

American History to 1877 or

American History since 1877 or

Modern Western Civilization

Intro to Programming and Lab (C++)

Engineering Mechanics-Statics and

Engineering Mechanics-Dynamics

(Both courses combined will satisfy a required engineering

Circuits I **A passing grade on the Missouri S&T EE Advancement Exam I is required to receive credit for EE 2100.

Linear Algebra

Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 68 credits toward the S&T Electrical Engineering degree.

or Requirements

Missouri S&T

General Psychology
American History to 1877 or
American History since 1877 or
Modern Western Civilization
Writing and Research or
Principles of Speech or
Technical Writing
Circuit Analysis I
Engineering Mechanics-Statics

Engineering Mechanics-Dynamics
Humanities/Social Science Elective
Maximum Free Electives

Group 2 Major Requirements
Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 68 credits toward the S&T Engineering Management degree.

or Requirements

Missouri S&T

Writing and Research or
Public Speaking or
Technical Writing
American History to 1877 or
American History since 1877 or
Modern Western Civilization

General Chemistry II

General Biology

Engineering Mechanics-Statics

Engineering Mechanics-Dynamics

Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 68 credits toward the S&T Environmental Engineering degree.

Requirements

Missouri S&T

Writing and Research or

Public Speaking or

Technical Writing

American History to 1877 or

American History since 1877 or

Modern Western Civilization

Engineering Mechanics-Statics

Engineering Mechanics-Dynamics

General Biology or

General Chemistry II or

Organic Chemistry I

or any 3-hour course in chemistry, geochemistry, or biology

Humanities/Social Science Elective

Humanities/Social Science Elective	
Maximum Free Electives	
<hr/>	
Group 2 Major Requirements	
Group 1 Core Requirements	
	Total Hours*
*S&T advisor permission is required to transfer more than 68 credits toward the S&T Geological Engineering degree.	
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Requirements

Missouri S&T

American History to 1877 or
American History since 1877 or
Modern Western Civilization
Writing and Research or
Principles of Speech or
Technical Writing

Intro to Programming and Lab (C++)

Circuit Analysis I

Engineering Mechanics-Statics

Dynamics

Linear Algebra I

(Will satisfy the Advanced Math/Comp Sci elective requirement.)

Literature Elective

Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 68
credits toward the S&T Mechanical Engineering degree.

or Requirements

Missouri S&T

Writing and Research or

Public Speaking or

Technical Writing

American History to 1877 or

American History since 1877 or

Modern Western Civilization

Engineering Mechanics-Statics

General Chemistry II

Organic Chemistry I or

Electrical Circuits

Not specifically required for the degree but will satisfy Out-of-Department Technical Elective Requirement

Humanities/Social Science Elective

Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 68 credits toward the S&T Metallurgical Engineering degree.

Requirements

Missouri S&T

Writing and Research or
Technical Writing

American History to 1877 or
American History since 1877 or
Modern Western Civilization

Engineering Mechanics-Statics

Engineering Mechanics-Dynamics

MECH ENG 2340 and MECH ENG 2350 will be substituted for MECH ENG 2340.

Humanities/Social Science Elective

Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 68
credits toward the S&T Mining Engineering degree.

Requirements

Missouri S&T

Writing and Research or
Technical Writing

American History to 1877 or
American History since 1877 or
Modern Western Civilization

Intro to Programming and Lab (C++)

Engineering Mechanics-Statics
Humanities/Social Science Elective
Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements
Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 68
credits toward the S&T Nuclear Engineering degree.

Requirements

Missouri S&T

Writing and Research or
Technical Writing
American History to 1877 or
American History since 1877 or
Modern Western Civilization

Engineering Mechanics-Statics

Engineering Mechanics-Dynamics
Humanities/Social Science Elective

Humanities/Social Science Elective

Maximum Free Electives

Group 2 Major Requirements

Group 1 Core Requirements

Total Hours*

*S&T advisor permission is required to transfer more than 68
credits toward the S&T Petroleum Engineering degree.



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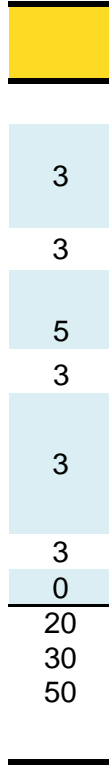
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