Lyon College — Missouri S&T General Engineering Transfer Guide

Effective as of Fall 2023

Complete Group 1 - Core Requirements and Group 2 - Major Requirements for major of choice.

Group 1 - Core Requirements: All Majors Take All Courses

Engineering students take all Group 1 - Core Requirements and Group 2 - Major Requirements for major of choice. Math prerequisites: While they are not part of Missouri S&T engineering degree requirements, algebra and trigonometry skills are critical to success in calculus. To prepare for entry into calculus, students should follow math placement testing and advising recommendations at their college.

| | Lyon College | | , | Semester | | Missouri S&T | | |
|--------------|------------------------------------|-------------|----|-----------------|-----------------|--|-------------|----|
| MTH 210 | Calculus I | | 4 | | MATH 1214 | Calculus I Grade of C or better is required. | | 4 |
| MTH 220 | Calculus II | | 4 | | MATH 1215 | Calculus II Grade of C or better is required. | | 4 |
| MTH 230 | Calculus III | | 4 | | MATH 2222 | Calculus III Grade of C or better is required. | | 4 |
| MTH 300 | Differential Equations | | 3 | | MATH 3304 | Elementary Differential Equations | | 3 |
| PHY 240, 241 | Fundamentals of Physics I and Lab | | 4 | | PHYSICS 1135 | Engineering Physics I Grade of C or better is required. | | 4 |
| PHY 250, 251 | Fundamentals of Physics II and Lab | | 4 | | PHYSICS 2135 | Engineering Physics II Grade of C or better is required. | | 4 |
| CHM 110 | General Chemistry I | | 4 | | CHEM 1310, 1319 | General Chemistry I and Lab | | 5 |
| ENG 101 | English Composition I | | 3 | | ENGLISH 1120 | Exposition and Argumentation | | 3 |
| ECO 102 or | Principles of Economics II or | | 2 | | ECON 1100 or | Principles of Microeconomics or | | 2 |
| ECO 101 | Principles of Economics I | | 3 | | ECON 1200 | Principles of Macroeconomics | | 3 |
| | | Total Hours | 33 | | | | Total Hours | 34 |

Group 2 - Major Requirements: Take All Courses for Major of Choice

Engineering students take all Group 1 - Core Requirements (above) and Group 2 - Major Requirements for chosen major from list below. See course requirements on following pages.

Aerospace Engineering
Architectural Engineering
Ceramic Engineering
Chemical Engineering

Chemical Engineering/Biochemistry Emphasis

Civil Engineering
Computer Engineering
Electrical Engineering

Engineering Management
Environmental Engineering
Geological Engineering
Mechanical Engineering
Metallurgical Engineering
Mining Engineering
Nuclear Engineering
Petroleum Engineering

Engineering Major Requirements are detailed on the following pages.

Free Electives: Some programs allow Free Electives as indicated within each major. Free Electives should be selected in consultation with your advisor and may not include remedial/deficiency courses, algebra, trigonometry, pre-calculus, or extra credits in required courses.

Humanities/Social Science (HSS) Electives: HSS electives may include any art, English and technical communication, etymology, foreign language, music, philosophy, speech and media studies, or theatre. Your campus may have additional acceptable options. Consult with your advisor or email transfer@mst.edu with questions. See Missouri S&T online catalog at https://catalog.mst.edu/undergraduate/degreeprogramsandcourses/ for more information.

| | Aerospace Engineering Group 2 Major Requirements | | | | | | | | | |
|-----------------------|---|---------|----------|---------------------------------|---|----|--|--|--|--|
| | Lyon College | | Semester | <u> </u> | Missouri S&T | | | | | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | 3 | | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 | | | | |
| ENG 102 | English Composition II | 3 | | ENGLISH 1160 | Writing and Research | 3 | | | | |
| MTH 330 | Linear Algebra | 3 | | MATH 3108 | Linear Algebra I (Will satisfy the Advanced Math/Comp Sci elective requirement.) | 3 | | | | |
| | Literature Elective | 3 | | | Literature Elective | 3 | | | | |
| | Ethics Elective | 3 | | | Ethics Elective Engineering, business, bio, social or other ethics approved by advisor. | 3 | | | | |
| | No free electives applied to the degree. | 0 | | | Maximum Free Electives | 0 | | | | |
| | Group 2 Major Requirements | 15 | | | Group 2 Major Requirements | 15 | | | | |
| | Group 1 Core Requirements | 33 | | | Group 1 Core Requirements | 34 | | | | |
| | Total Ho | ours 48 | | | *S&T advisor permission is required to transfer more than 68 credits toward the S&T Aerospace Engineering degree. | 49 | | | | |

| | Architectural Engineering Group 2 Major Requirements | | | | | | | | | |
|--------------|---|------|--------------|--|----|--|--|--|--|--|
| | Lyon College | Seme | ester ester | Missouri S&T | | | | | | |
| HIS 202 | Western Civilization II | 3 | HISTORY 1200 | Modern Western Civilization | 3 | | | | | |
| HSS Elective | Humanities/Social Science Elective: history, economics, political science, sociology, psychology, philosophy, fine art, literature, foreign language | 3 | HSS Elective | Humanities/Social Science Elective: history, economics, political science, sociology, psychology, philosophy, fine art, literature, foreign language | 3 | | | | | |
| | No free electives applied to the degree. | 0 | | Maximum Free Electives | 0 | | | | | |
| | Group 2 Major Requirements | 6 | | Group 2 Major Requirements | 6 | | | | | |
| | Group 1 Core Requirements | 33 | | Group 1 Core Requirements | 34 | | | | | |
| | Total Hours | 39 | | Total Hours* | 40 | | | | | |
| | | | | *S&T advisor permission is required to transfer more than 69 credits toward the S&T Architectural Engineering degree. | | | | | | |

| | Ceramic Enginee | rin | g Grou | up 2 Major | Requirements | |
|----------------------------|--|-----|----------|---------------------------------|---|----|
| | Lyon College | | Semester | | Missouri S&T | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | 3 | | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 |
| CHM 210 | Organic Chemistry I | 4 | | CHEM 2210 | Organic Chemistry I (Not a specific requirement. Will satisfy the advanced chemistry elective requirement.) | 3 |
| CHM 120 | General Chemistry II | 4 | | CHEM 1320 | General Chemistry II | 3 |
| ENG 102 or HSS Elective | English Composition II or Humanities/Social Science Elective: history, economics, political science, sociology, psychology, philosophy, fine art, literature, foreign language | 3 | | ENGLISH 1160 or HSS Elective | Writing and Research or Humanities/Social Science Elective: history, economics, political science, sociology, psychology, philosophy, fine art, literature, foreign language | 3 |
| | Humanities/Social Science Elective | 3 | | | Humanities/Social Science Elective | 3 |
| | No free electives applied to the degree. | 0 | | | Maximum Free Electives | 0 |
| | Group 2 Major Requirements | 17 | | | Group 2 Major Requirements | 15 |
| | Group 1 Core Requirements | 33 | | | Group 1 Core Requirements | 34 |
| | Total Hours | 50 | | | Total Hours* *\$&T advisor permission is required to transfer more than 68 credits toward the \$&T Ceramic Engineering degree. | 49 |

| | Chemical Engin | eerin | g Group 2 Majo | r Requirements | Chemical Engineering Group 2 Major Requirements | | | | | | | | | |
|-----------------------|---|---------|---------------------------------|--|---|--|--|--|--|--|--|--|--|--|
| | Lyon College | | Semester | Missouri S&T | | | | | | | | | | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | 3 | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 | | | | | | | | | |
| CHM 120 | General Chemistry II | 4 | CHEM 1320 | General Chemistry II | 3 | | | | | | | | | |
| CHM 210 | Organic Chemistry I | 4 | CHEM 2210, 2219* | Organic Chemistry I and Lab* 'The lab is not required for the degree, will transfer as 1 of the 9 science elective credits (below). | 4 | | | | | | | | | |
| CHM 220 | Organic Chemistry II | 4 | CHEM 2220 | Organic Chemistry II Will satisfy science elective requirement. | 3 | | | | | | | | | |
| CSC 100 | Intro to Programming in C++ | 3 | CS 1500 | Computational Problem Solving | 3 | | | | | | | | | |
| | Humanities/Social Science Elective | 3 | | Humanities/Social Science Elective | 3 | | | | | | | | | |
| | No free electives applied to the degree. | 0 | | Maximum Free Electives | 0 | | | | | | | | | |
| | Group 2 Major Requirements | 21 | | Group 2 Major Requirements | 19 | | | | | | | | | |
| | Group 1 Core Requirements | 33 | | Group 1 Core Requirements | 34 | | | | | | | | | |
| | Total Ho | ours 54 | | Total Hours* *S&T advisor permission is required to transfer more than 68 credits toward the S&T Chemical Engineering degree. | 53 | | | | | | | | | |

| Chemical Engineering - Biochemical Engineering Emphasis Group 2 Major Requirements | | | | | | | | | | |
|--|---|--------------|----------|---------------|---|----|--|--|--|--|
| | Lyon College | | Semester | | Missouri S&T | | | | | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | 3 | | | Modern Western Civilization or American Government | 3 | | | | |
| CHM 120 | General Chemistry II | 4 | CHEM | 11320 | General Chemistry II | 3 | | | | |
| CHM 210 | Organic Chemistry I | 4 | СНЕМ | l 2210, 2219* | Organic Chemistry I (3) and Lab* (1) The lab is not required for the degree, will transfer as 1 of the 9 science elective credits (below). | 4 | | | | |
| CHM 220 | Organic Chemistry II | 4 | CHEM | | Organic Chemistry II Will satisfy science elective requirement. | 3 | | | | |
| CSC 100 | Intro to Programming in C++ | 3 | CS 150 | 00 | Computational Problem Solving | 3 | | | | |
| | Humanities/Social Science Elective | 3 | | | Humanities/Social Science Elective | 3 | | | | |
| | No free electives applied to the degree. | 0 | | I | Maximum Free Electives | 0 | | | | |
| | Group 2 Major Requirements | 21 | | (| Group 2 Major Requirements | 19 | | | | |
| | Group 1 Core Requirements | 33 | | (| Group 1 Core Requirements | 34 | | | | |
| | To | tal Hours 54 | | | Total Hours* *S&T advisor permission is required to transfer more than 70 credits toward the S&T Chemical/Biochemical Engineering degree. | 53 | | | | |

| | Civil Engineering Group 2 Major Requirements | | | | | | | | | | |
|-----------------------|--|----|-----------------|----------------------------|---|----|--|--|--|--|--|
| | Lyon College | | <u>Semester</u> | | Missouri S&T | | | | | | |
| ENG 102 | English Composition II | 3 | ENG | GLISH 1160 | Writing and Research | 3 | | | | | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | 3 | | TORY 1200 or L SCI 1200 | Modern Western Civilization or American Government | 3 | | | | | |
| | Humanities/Social Science Elective | 3 | | | Humanities/Social Science Elective | 3 | | | | | |
| | No free electives applied to the degree. | 0 | | | Maximum Free Electives | 0 | | | | | |
| | Group 2 Major Requirements | 9 | | | Group 2 Major Requirements | 9 | | | | | |
| | Group 1 Core Requirements | 33 | | | Group 1 Core Requirements | 34 | | | | | |
| | Total Hours | 42 | | | Total Hours* *S&T advisor permission is required to transfer more than 69 credits toward the S&T Civil Engineering degree. | 43 | | | | | |

| Computer Engineering Group 2 Major Requirements | | | | | | | | | | |
|---|--|-------------|--------|---------------------------------|--|----|--|--|--|--|
| | Lyon College | | Semest | er | Missouri S&T | | | | | |
| ENG 102 | English Composition II | | 3 | ENGLISH 1160 | Writing and Research | 3 | | | | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | | 3 | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 | | | | |
| CSC 100 | Intro to Programming in C++ | | 3 | CS 1500 | Computational Problem Solving | 3 | | | | |
| CHM 210 | Organic Chemistry I | | 4 | CHEM 2210 | Organic Chemistry I Will satisfy a required engineering science elective. | 3 | | | | |
| MTH 330 | Linear Algebra | | 3 | MATH 3108 | Linear Algebra (Will satisfy a required math elective.) | 3 | | | | |
| | Humanities/Social Science Elective | | 3 | | Humanities/Social Science Elective | 3 | | | | |
| | Maximum Free Electives | | 3 | | Maximum Free Electives | 3 | | | | |
| | Group 2 Major Requirements | | 22 | | Group 2 Major Requirements | 21 | | | | |
| | Group 1 Core Requirements | | 33 | | Group 1 Core Requirements | 34 | | | | |
| | · | Total Hours | 55 | | Total Hours* *S&T advisor permission is required to transfer more than 68 credits toward the S&T Computer Engineering degree. | 55 | | | | |

| | Electrical Engineering Group 2 Major Requirements | | | | | | | | | | |
|-----------------------|--|-------------|----|--------|---------------------------------|---|----|--|--|--|--|
| | Lyon College | | Se | mester | | Missouri S&T | | | | | |
| ENG 102 | English Composition II | | 3 | | ENGLISH 1160 | Writing and Research | 3 | | | | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | | 3 | | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 | | | | |
| CSC 100 | Intro to Programming in C++ | | 3 | | CS 1500 | Computational Problem Solving | 3 | | | | |
| CHM 210 | Organic Chemistry I | | 4 | | CHEM 2210 | Organic Chemistry I Will satisfy a required engineering science elective. | 3 | | | | |
| MTH 330 | Linear Algebra | | 3 | | MATH 3108 | Linear Algebra | 3 | | | | |
| | Humanities/Social Science Elective | | 3 | | | Humanities/Social Science Elective | 3 | | | | |
| | Maximum Free Electives | | 3 | | | Maximum Free Electives | 3 | | | | |
| | Group 2 Major Requirements | | 22 | | | Group 2 Major Requirements | 21 | | | | |
| | Group 1 Core Requirements | | 33 | | | Group 1 Core Requirements | 34 | | | | |
| | | Total Hours | 55 | | | Total Hours* | 55 | | | | |
| | | | | | | *S&T advisor permission is required to transfer more than 68 credits toward the S&T Electrical Engineering degree. | | | | | |

| Engineering Management Group 2 Major Requirements | | | | | | | | | |
|---|--|---------------|----------|---------------------------------|--|----|--|--|--|
| | Lyon College | | Semester | | Missouri S&T | | | | |
| PSY 101 | Intro to Psychology | ; | 1 | PSYCH 1101 | General Psychology | 3 | | | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | ; | | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 | | | |
| ENG 102 | English Composition II | ; | | ENGLISH 1160 | Writing and Research | 3 | | | |
| | Humanities/Social Science Elective | ; | ; | | Humanities/Social Science Elective | 3 | | | |
| | Maximum Free Electives | ; | | | Maximum Free Electives | 3 | | | |
| | Group 2 Major Requirements | 1 | 5 | | Group 2 Major Requirements | 15 | | | |
| | Group 1 Core Requirements | 3 | 3 | | Group 1 Core Requirements | 34 | | | |
| | | Total Hours 4 | 3 | | Total Hours* *S&T advisor permission is required to transfer more than 68 credits toward the S&T Engineering Management degree. | | | | |

| | Environmental Engineering Group 2 Major Requirements | | | | | | | | | |
|---------|--|--------|--------------|--|------|--|--|--|--|--|
| | Lyon College | Semest | <u>ter</u> | Missouri S&T | | | | | | |
| ENG 102 | English Composition II | 3 | ENGLISH 1160 | Writing and Research | 3 | | | | | |
| HIS 202 | Western Civilization II | 3 | HISTORY 1200 | Modern Western Civilization | 3 | | | | | |
| CHM 120 | General Chemistry II | 4 | CHEM 1320 | General Chemistry II | 3 | | | | | |
| | Humanities/Social Science Elective | 3 | | Humanities/Social Science Elective | 3 | | | | | |
| | No free electives applied to the degree. | 0 | | Maximum Free Electives | 0 | | | | | |
| | Group 2 Major Requirements | 13 | | Group 2 Major Requirements | 12 | | | | | |
| | Group 1 Core Requirements | 33 | | Group 1 Core Requirements | 34 | | | | | |
| | Total Hours | 46 | | Total Hours | * 46 | | | | | |
| | | | | *S&T advisor permission is required to transfer more than 69 credits toward the S&T Environmental Engineering degree. | Ī | | | | | |

| | Geological Engineering Group 2 Major Requirements | | | | | | | | | |
|-----------------------|---|---------|----------|---------------------------------|--|----|--|--|--|--|
| | Lyon College | | Semester | | Missouri S&T | | | | | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | 3 | | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 | | | | |
| CHM 120 or CHM 210 | General Chemistry II or Organic Chemistry I | 4 | | CHEM 1320 or CHEM 2210 | General Chemistry II or Organic Chemistry I or any 3-hour course in chemistry, geochemistry, or biology. Satisfies chemistry/geochemistry elective requirement. | 3 | | | | |
| | Humanities/Social Science Elective | 3 | | | Humanities/Social Science Elective | 3 | | | | |
| | Humanities/Social Science Elective | 3 | | | Humanities/Social Science Elective | 3 | | | | |
| | No free electives applied to the degree. | 0 | | | Maximum Free Electives | 0 | | | | |
| | Group 2 Major Requirements | 13 | | | Group 2 Major Requirements | 12 | | | | |
| | Group 1 Core Requirements | 33 | | | Group 1 Core Requirements | 34 | | | | |
| | Total Ho | ours 46 | | | Total Hours* *S&T advisor permission is required to transfer more than 68 credits toward the S&T Geological Engineering degree. | 46 | | | | |

| Mechanical Engineering Group 2 Major Requirements | | | | | | | | |
|---|---|----------|----------|---------------------------------|---|----|--|--|
| | Lyon College | | Semester | | Missouri S&T | | | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | 3 | | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 | | |
| ENG 102 | English Composition II | 3 | | ENGLISH 1160 | Writing and Research | 3 | | |
| MTH 330 | Linear Algebra | 3 | | MATH 3108 | Linear Algebra I (Will satisfy the Advanced Math/Comp Sci elective requirement.) | 3 | | |
| | Literature Elective | 3 | | | Literature Elective | 3 | | |
| | Humanities/Social Science Elective | 3 | | | Humanities/Social Science Elective | 3 | | |
| | No free electives applied to the degree. | 0 | | | Maximum Free Electives | 0 | | |
| | Group 2 Major Requirements | 15 | | | Group 2 Major Requirements | 15 | | |
| | Group 1 Core Requirements | 33 | | | Group 1 Core Requirements | 34 | | |
| | Total | Hours 48 | | | Total Hours* | 49 | | |
| | | | | | *S&T advisor permission is required to transfer more than 68 credits toward the S&T Mechanical Engineering degree. | | | |

| Metallurgical Engineering Group 2 Major Requirements | | | | | | |
|--|---|---------------|----------|---------------------------------|---|----|
| | Lyon College | | Semester | ŗ | Missouri S&T | |
| ENG 102 | English Composition II | ; | 3 | ENGLISH 1160 | Writing and Research | 3 |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | ; | 3 | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 |
| CHM 120 | General Chemistry II | 4 | 1 | CHEM 1320 | General Chemistry II | 3 |
| CHM 210 | Organic Chemistry I | | ı | CHEM 2210 | Organic Chemistry I Not specifically required for the degree but will satisfy Out-of-Department Technical Elective Requirement. | 3 |
| | Humanities/Social Science Elective | ; | 3 | | Humanities/Social Science Elective | 3 |
| | Humanities/Social Science Elective | ; | 3 | | Humanities/Social Science Elective | 3 |
| | Maximum Free Electives | ; | 5 | | Maximum Free Electives | 3 |
| | Group 2 Major Requirements | 2 | 5 | | Group 2 Major Requirements | 21 |
| | Group 1 Core Requirements | 3 | 3 | | Group 1 Core Requirements | 34 |
| | | Total Hours 5 | 8 | | *S&T advisor permission is required to transfer more than 68 credits toward the S&T Metallurgical Engineering degree. | 55 |

| Mining Engineering Group 2 Major Requirements | | | | | | | | |
|---|--|---------|----------|---------------------------------|---|----|--|--|
| | Lyon College | | Semester | | Missouri S&T | | | |
| ENG 102 | English Composition II | 3 | | ENGLISH 1160 | Writing and Research | 3 | | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | 3 | | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 | | |
| | Humanities/Social Science Elective | 3 | | | Humanities/Social Science Elective | 3 | | |
| | Humanities/Social Science Elective | 3 | | | Humanities/Social Science Elective | 3 | | |
| | No free electives applied to the degree. | 0 | | | Maximum Free Electives | 0 | | |
| | Group 2 Major Requirements | 12 | | | Group 2 Major Requirements | 12 | | |
| | Group 1 Core Requirements | 33 | | | Group 1 Core Requirements | 34 | | |
| | Total Ho | ours 45 | | | Total Hours* *S&T advisor permission is required to transfer more than 68 credits toward the S&T Mining Engineering degree. | 46 | | |

| Nuclear Engineering Group 2 Major Requirements | | | | | | | |
|--|--|-------------|-----|---------------|---------------------------------|--|----|
| | Lyon College | | Sen | <u>mester</u> | | Missouri S&T | |
| ENG 102 | English Composition II | | 3 | | ENGLISH 1160 | Writing and Research | 3 |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | | 3 | | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 |
| MTH 330 | Linear Algebra | | 3 | Ī | MATH 3108 | Linear Algebra | 3 |
| | Humanities/Social Science Elective | | 3 | | | Humanities/Social Science Elective | 3 |
| | Humanities/Social Science Elective | | 3 | | | Humanities/Social Science Elective | 3 |
| | Maximum Free Electives | | 6 | | | Maximum Free Electives | 6 |
| | Group 2 Major Requirements | | 21 | | | Group 2 Major Requirements | 21 |
| | Group 1 Core Requirements | ; | 33 | | | Group 1 Core Requirements | 34 |
| | | Total Hours | 54 | | | Total Hours* *S&T advisor permission is required to transfer more than 68 credits toward the S&T Nuclear Engineering degree. | |

| | Petroleum Engineering Group 2 Major Requirements | | | | | | | | |
|-----------------------|--|--------|----------|---------------------------------|--|----|--|--|--|
| | Lyon College | | Semester | | Missouri S&T | | | | |
| ENG 102 | English Composition II | 3 | | ENGLISH 1160 | Writing and Research | 3 | | | |
| HIS 202 or PSL 101 | Western Civilization II or US Government Perspectives | 3 | | HISTORY 1200 or POL SCI 1200 | Modern Western Civilization or American Government | 3 | | | |
| | Humanities/Social Science Elective | 3 | | | Humanities/Social Science Elective | 3 | | | |
| | Humanities/Social Science Elective | 3 | | | Humanities/Social Science Elective | 3 | | | |
| | No free electives applied to the degree. | 0 | | | Maximum Free Electives | 0 | | | |
| | Group 2 Major Requirements | 12 | | | Group 2 Major Requirements | 12 | | | |
| | Group 1 Core Requirements | 33 | | | Group 1 Core Requirements | 34 | | | |
| | Total Ho | urs 45 | | | Total Hours* | 46 | | | |
| | | | | | *S&T advisor permission is required to transfer more than 69 credits toward the S&T Petroleum Engineering degree. | | | | |