

**GEOHYDROLOGY OPTION
CURRICULUM CHECKING SHEET**
(2008-2010 Catalog)

Courses REQUIRED by the Department

| Rubric | # | Core | Course Title |
|--------|---|------|--------------|
|--------|---|------|--------------|

| Rubric # | Course Title |
|----------|--------------|
|----------|--------------|

| SEM. | CREDITS | TAKEN | GRADE |
|------|---------|-------|-------|
|------|---------|-------|-------|

FRESHMAN YEAR

| | | | |
|------|-----|----|------------------------|
| CHEM | 131 | N | General Chemistry I |
| CHEM | 132 | N | General Chemistry II |
| ESCI | 111 | N | Physical Geology |
| ESCI | 112 | CS | Physical Geography |
| MATH | 181 | Q | Calculus & Anl Geom I |
| MATH | 182 | Q | Calculus & Anl Geom II |

| | | |
|------|-----|-----------------------------------|
| CHMY | 141 | College Chemistry I |
| CHMY | 143 | College Chemistry II |
| GEO | 101 | Intro to Physical Geology & lab |
| GPHY | 111 | Intro to Physical Geography & lab |
| M | 171 | Calculus I |
| M | 172 | Calculus II |

| | | |
|---|-----|--|
| 4 | | |
| 4 | | |
| 4 | | |
| 4 | | |
| 3 | Spr | |
| 4 | | |

University core or elective

TOTAL

6

30

SOPHOMORE YEAR

| | | | |
|------|-----|---|------------------------|
| GEO | 204 | R | Mineralogy |
| GEO | 210 | | Historical Geology |
| LRES | 201 | | Soil Resource |
| MATH | 224 | Q | Calc Funct Sev Varib |
| MATH | 225 | | Intro to Diff Equation |
| PHYS | 211 | N | Gen & Mod Phys I |
| PHYS | 212 | N | Gen & Mod Phys II |

| | | |
|-----|-----|--|
| GEO | 205 | Mineralogy |
| GEO | 211 | Earth History and Evolution w/o lab (no change) |
| M | 273 | Multivariable Calculus |
| M | 274 | Intro to Differential Equation (no change) |
| | | (no change) |

| | | |
|---|-----|--|
| 4 | Spr | |
| 3 | Spr | |
| 3 | | |
| 4 | | |
| 4 | | |
| 4 | | |
| 4 | | |

University core or elective

TOTAL

4

30

JUNIOR YEAR

| | | | |
|------|------------|--|------------------------------|
| ESCI | 307 | | Prin of Geomorphology |
| GEOG | 303 | | Weather and Climate |
| GEO | 306 or 308 | | Igneous Petrology or Met Pet |
| GEO | 307 | | Sedimentary Petrology |
| GEO | 309 | | Sedimentation & Strat |
| GEO | 315 | | Structural Geology |
| STAT | 332 | | Stat-Scientist & Engr |

| | | |
|------|-----|-----------------------------------|
| ERTH | 307 | Principles of Geomorphology |
| ERTH | 303 | Weather and Climate |
| GEO | 306 | Igneous Petrology or 308 Met Pet |
| GEO | 307 | Sedimentary Petrology |
| GEO | 309 | Sedimentation and Stratigraphy |
| GEO | 315 | Structural Geology (no change) |

| | | |
|---|------|--|
| 4 | Fall | |
| 3 | Fall | |
| 3 | | |
| 3 | Fall | |
| 4 | Spr | |
| 4 | Spr | |
| 3 | | |

University core or electives

TOTAL

6

30