

CHEMICAL ENGINEERING CHECKSHEET

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|------------------|--------------------|-----------------|-------------------|---------------|---------------------|--|--|
| CHE 430 | COMP. APPL. IN CHE | 3 _____ | CHE 489 | CHE CO-OP III | 2 _____ | <u>NOTES</u> _____ _____ _____ _____ | |
| CHE 311 | CHE THERMO I | 3 _____ | | | | | |
| CHE 331 | PRI FLUID DYNAMICS | 3 _____ | | | | | |
| CHE 401 | SAFE, HEALTH, ENV | 1 _____ | | | | | |
| EAC 307 | NUMERICAL METH | 2 _____ | | | | | |
| 12 hrs | | | 2 hrs | | | | |
| CHE 389 | CHE CO-OP II | 2 _____ | XXX ⁴ | XXX | FREE ELECTIVE | 3 _____ | _____ _____ _____ _____ _____ _____ |
| | | | CHE 435 | | MASS TRANSFER | 3 _____ | |
| | | | CHE 436 | | SEP OPERATIONS | 3 _____ | |
| | | | CHE 471 | | STRA. & ECON DESIGN | 3 _____ | |
| | | | CHE 485 | | UNIT OPS LAB I | 2 _____ | |
| | | | XXX | XXX | HUM/SS ELECTIVE | 3 _____ | |
| 2 hrs | | | 17 hrs | | | | |
| CHE 312 | CHE THERMO II | 3 _____ | XXX ⁴ | XXX | FREE ELECTIVE | 3 _____ | _____ _____ _____ _____ _____ _____ |
| IE 360 | PROB & STATISTICS | 3 _____ | CHE 461 | | ELE. PROCESS CONT | 3 _____ | |
| CHE 434 | HEAT TRANSFER | 3 _____ | CHE 486 | | UNIT OPS LAB II | 2 _____ | |
| CHE 441 | KINETICS | 3 _____ | CHE 572 | | PLANT PROC DESIGN | 3 _____ | |
| XXX | XXX | HUM/SS ELECTIVE | CHEM ⁵ | XXX | CHEM ELECTIVE | 3 _____ | |
| XXX ³ | XXX | SCI. ELECTIVE | XXX | XXX | HUM/SS ELECTIVE | 3 _____ | |
| 18 hrs | | | 17 hrs | | | | |

MINIMUM REQUIREMENTS FOR BS IN CHEMICAL ENGINEERING: 138 SEMESTER HOURS

Students are expected to have an adequate background in PC applications (word processing, spreadsheets) before taking CHE 251 and 305, and in structural programming before taking CHE 430. Students lacking an adequate background in spreadsheet applications are recommended to take CIS 100.

1. Can be taken another semester
2. One Hum/SS Elective must be an Ethics course (PHIL 222, 225, 321,323, or 328); one HUM/SS must be a HIST course approved for GEN ED; HUM/SS must meet all University Requirements for GEN ED, including CD Requirements.
3. Courses to be chosen from Footnote 8, CHE curriculum in the 2006-2008 Undergraduate Catalog.
4. Free Electives may be used to complete GEN ED Requirements, to gain prerequisites for professional programs such as medicine or business, or in any other way the student desires.
5. Select one course from Footnote 6, CHEM ENG curriculum in the 2006-2008 Undergraduate Catalog.