# Undergraduate Requirements for Graduation 2004-2005

## Core Requirements

### Preparation Core

| | |
|---|---|
| 4 | Math 112 (GE) |
| 4 | Math 113 |
| 3 | Math 214 |
| 3 | CS 100 (or CS 142) |
| 3 | Eng 316 (GE) |

17 Hours (Includes 7 hours of GE credit)

### Statistics Core

| | |
|---|---|
| 3 | Stat 212 |
| 3 | Stat 221 |
| 0.5 | Stat 291 |
| 0.5 | Stat 292 |
| 2 | Stat 322 |
| 3 | Stat 334* |
| 3 | Stat 336 |
| 3 | Stat 337 |
| 3 | Stat 431* |
| 3 | Stat 441 |
| 3 | Stat 442 |

27 Hours

* Stat 334 and Stat 431 are elective courses for the actuarial science degree

## Undergraduate Advisors 2003-2004

| | | | |
|---|---|---|---|
| Actuarial | Bruce J. Collings | 230B TMCB | 2-4870 |
| Biostatistics | Gilbert W. Fellingham | 212 TMCB | 2-2806 |
| Business | Scott D. Grimshaw | 210 TMCB | 2-6251 |
| Information Systems | Del T. Scott | 214 TMCB | 2-7054 |
| Quality Science | John S. Lawson | 223B TMCB | 2-7051 |
| Statistical Science | William F. Christensen | 219 TMCB | 2-7057 |
| College Advisement Center | | N-179 ESC | 2-6270 |

## 2004-2005 Course Availability

| F | W | Sp | Su |
|---|---|---|---|
| 105 | 105 | 105 | 105 |
| 212 | 212 | | |
| 221 | 221 | 221 | 221 |
| 221H | 221H | | |
| 221E | 221E | | |
| 291 | 291 | 291 | 291 |
| 292 | 292 | 292 | |
| 301 | | 301 | |
| 321 | 321 | | 321 |
| 322 | 322 | 322 | |
| 333[b] | | | |
| 334 | 334 | | |
| 336 | 336 | | |
| 337 | 337 | | |
| 361 | 361 | 361 | |
| 361E | 361E | | |
| 412 | | | |
| 431 | 431 | | |
| 435 | | | |
| 441 | 441 | | |
| 442 | 442 | | |
| | 462 | | |
| | 466 | | |
| 469 | | | |
| | 472 | | |
| 474 | | | |
| | 475 | | |
| 510 | 510 | 510 | 510 |
| 511 | 511 | 511E | |
| | 512 | | 512 |
| | 522 | | |
| 525 | | | |
| 532[c] | | | |
| 533[b] | | | |
| 534[b] | | | |
| 535 | | | |
| | 536[b] | | |
| 537 | | | |
| | | 545 | |
| | 551 | | |
| | 590 | | |
| 591R | 591R | | |
| | 595R | | |
| 611 | | | |
| | 631[c] | | |
| 635 | | | |

[a] taught on demand
[b] taught in **even** years
[c] taught in **odd** years

## STATISTICS

### ACTUARIAL SCI 695224

3 Classes
3 Econ 110*
3 Stat 474
3 Stat 475

6 Classes
3 Acc 200
3 Acc 210
3 BusM 300
3 BusM 406
3 Econ 380
3 Econ 381
3 Econ 382
3 Econ 450
3 Stat 334
3 Stat 412
3 Stat 431
3 Stat 435
3 Stat 462
3 Stat 466
3 Stat 469
3 Stat 545

* GE Course

27 Hours

62 Total Hours
55 Without GE courses

### STAT SCI 695220

7 Classes
3 Math 190
3 Math 311
3 Math 315
3 Math 316
3 Math 334
3 Math 350
3 Math 355
3 Math 371
3 Math 387
3 Math 480
3 Stat 412
3 Stat 435
3 Stat 462
3 Stat 466
3 Stat 469
3 Stat 474
3 Stat 475
3 Stat 545

21 Hours

62 Total Hours
57 Without GE course

### BIOSTAT 69523

2 Classes
3 Hlth 478
3 Stat 412
3 Stat 435
3 Stat 466
3 Stat 469

1 Minor
(see advisor)

20-27 Hours

61-63 Hours
57-59 Without GE Courses

### BUS ANAYSIS 695223

2 Classes
3 Stat 412
3 Stat 462
3 Stat 466
3 Stat 469

Minor
Management

24 Hours

64 Hours
57 Without GE Courses

### INFO SYS 695221

7 Classes
3 Acc 200
3 ISys 401
3 ISys 402
3 ISys 403
3 ISys 411
3 ISys 412
3 ISys 413

1 Class
3 Stat 412
3 Stat 462

24 Hours

65 Hours
61 Without GE Courses

### QUALITY SCI 695222

3 Classes
3 Stat 361
3 Stat 462
3 Stat 466

Minor
Manufacturing

24 Hours

65 Hours
61 Without GE Courses

B.S. Stat Minor – 19 Hours
CS 100 (or CS 142), Stat 212, 221, 322, 366 & 2 additional courses numbered 321 or higher except Stat 333 and Stat 472.

M.S. Stat Minor – 9 Hours
- Nine hours in statistics courses numbered 400 or above except Stat 510.
- Methods Exam or Theory Exam

Ph.D. Stat Minor – 15 Hours
- Stat 441, 442
- 9 hours from stat courses 500 above except 510
- Methods Exam and Theory Exam

**Methods Exam:** Covers topics from Stat 511 and 512
**Theory Exam:** Covers topics from Stat 441 and 442

**Note:**
Undergraduates who enter the program as a freshmen and plan to pursue an M.S. in the department can complete both the BS and MS degrees in 5 years with careful planning. See the Graduate Coordinator for full details.

(If you plan to pursue a graduate degree here or elsewhere you should see an undergraduate or graduate advisor concerning the courses that would best prepare you for graduate work.)

Revised 11/11/2004

For those interested in pursuing a Ph.D. Math 190, Math 315 and Math 316 are recommended.