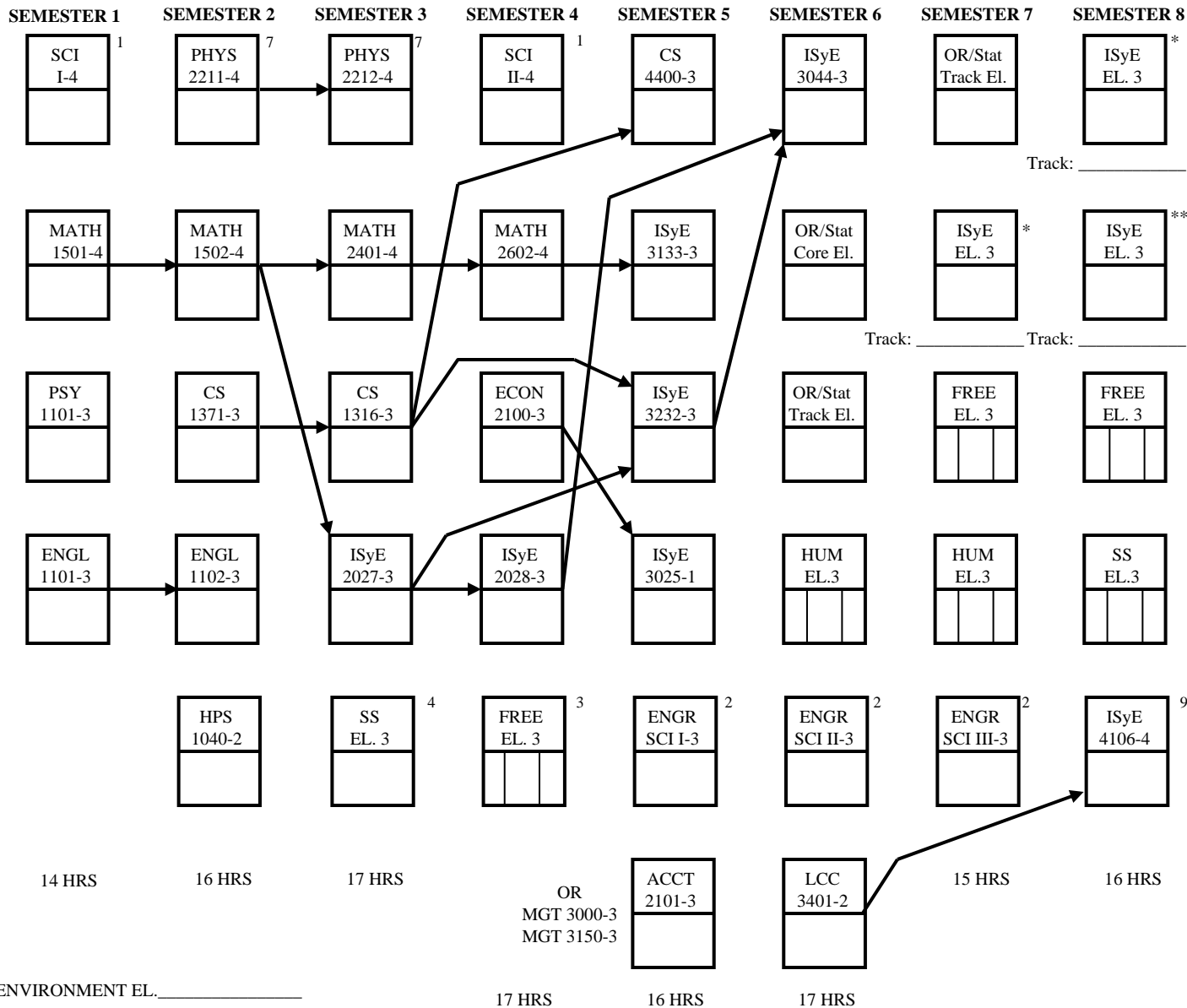


# OR and STAT TRACK

## BSIE PROGRAM for the 2007-2008 Year



- (1) SCI EL ARE TAKEN FROM: CHEM, BIOL, OR EAS.
  - (2) STUDENTS ARE REQUIRED TO TAKE 9 HRS OF TECHNICAL ELECTIVES IN ENGINEERING (NON-ISYE) FROM AN APPROVED LIST AVAILABLE IN THE ACADEMIC OFFICE.
  - (3) SCI EL OR FREE EL MUST INCLUDE A COURSE ON THE ENVIRONMENT.
  - (4) ONE OF THE SS EL MUST BE HIST 2111 OR 2112, POL 1101, INTA1200, OR PUBP3000. CREDIT IS NOT GIVEN FOR BOTH POL 1101 & INTA 1200.
  - (5) D'S IN MATH MUST BE REPEATED THE TERM AFTER THE D IS MADE.
  - (6) MATH 2401 & ISYE 2027 ARE CO-REQUISITES.
  - (7) PHYSICS MUST BE TAKEN PRIOR TO YOUR JUNIOR YEAR.
  - (8) YOU MUST BE WITHIN 2 SEMESTERS OF GRADUATION TO REGISTER FOR SENIOR DESIGN.
  - (9) THESE MUST BE COMPLETED PRIOR TO SENIOR DESIGN: ISYE 3232, 3133, 3044, AND LCC 3401.
- \* SEE REVERSE SIDE FOR TRACK INFORMATION  
 \*\* SEE REVERSE SIDE FOR TRACK INFORMATION

ENVIRONMENT EL. \_\_\_\_\_  
 FACULTY ADVISOR \_\_\_\_\_  
 BOARD OF REGENTS  
 SOCIAL SCIENCE EL. \_\_\_\_\_

17 HRS      16 HRS      17 HRS

**TOTAL ISYE CREDIT HOURS: 128**

## **(d) Operations Research and Statistics**

Complete at least one core elective:

- i. **ISyE 4803 (Advanced Optimization)** Prq: ISyE 3133
- ii. **ISyE 4803 (Advanced Stochastics)** Prq: ISyE 3232
- iii. **ISyE 4803 (Advanced Simulation)** Prq: ISyE 3044
- iv. **ISyE 4803 (Advanced Statistics)** Prq: ISyE 2028

Complete **two** additional track electives from the following list:

- v. ISyE 4803 (Advanced Optimization) Prq: ISyE 3133
- vi. ISyE 4803 (Advanced Stochastics) Prq: ISyE 3232
- vii. ISyE 4803 (Advanced Statistics) Prq: ISyE 2028
- viii. ISyE 4803 (Advanced Simulation) Prq: ISyE 3044
- ix. Math 3012 (Applied Combinatorics) Prq: Math 1502
- x. Math 4022 (Graph Theory) Prq: Math 3012
- xi. Math 4305 (Linear Algebra) Prq: Math 1502
- xii. Math 4360 (Real Analysis) Prq: Math 2406

Complete three additional ISyE electives:

\* **Two** ISyE-numbered electives **in bold** from any track listing

\*\* **One** elective from any track electives

Review other track flow charts for courses offered