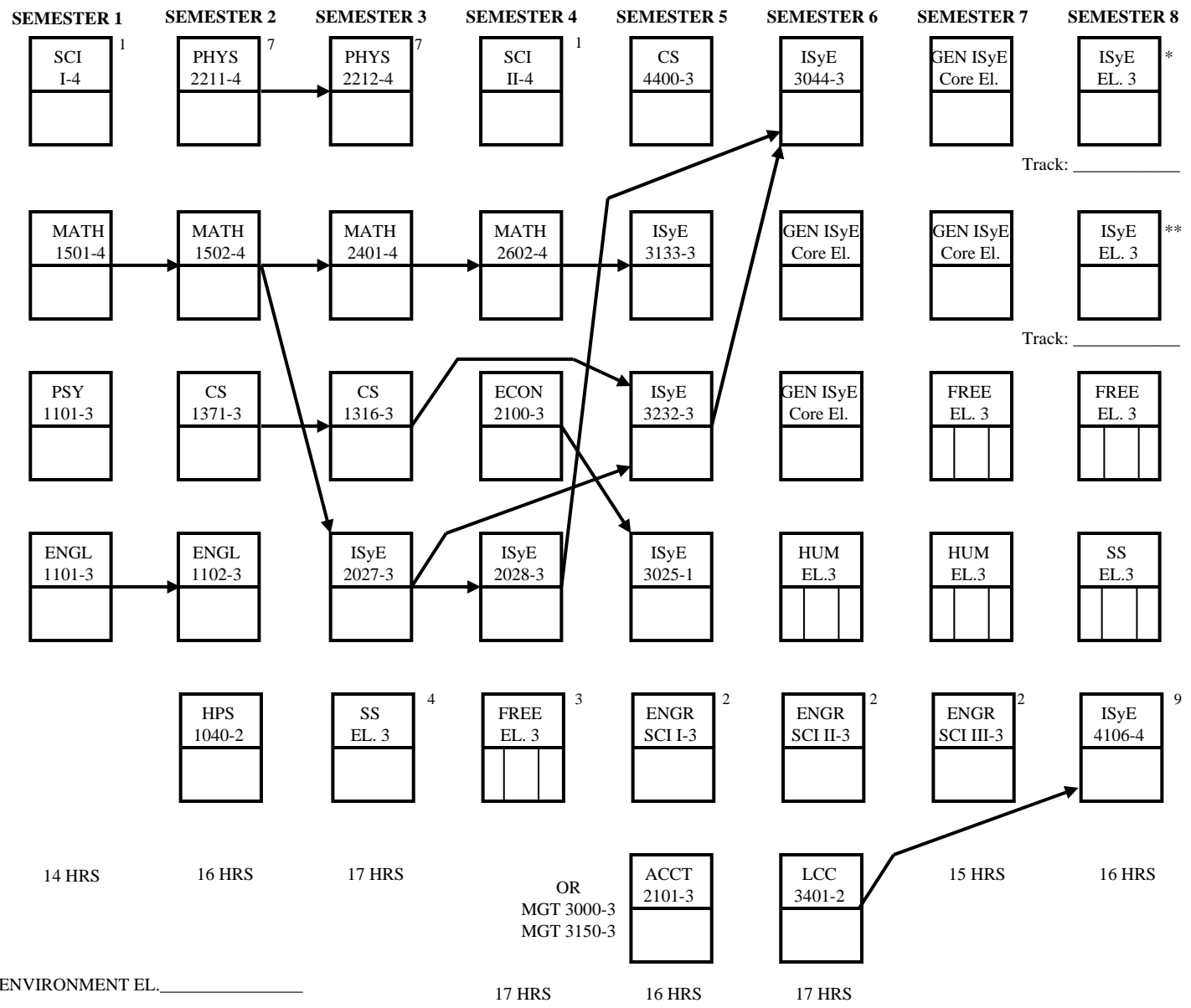


GENERAL ISyE TRACK

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. _____

TOTAL ISYE CREDIT HOURS: 128

(f) General Industrial and Systems Engineering

Complete four (4) core classes from the following list:

- i. **ISyE 3103 (Supply Chain Logistics)** Prq: ISyE 2028, 3133
- ii. **ISyE 3104 (Manufacturing Systems)** Prq: ISyE 2028, 3232, 3133
- iii. **ISyE 3039 (Statistical Methods for QC)** Prq: ISyE 2028 –**OR**
ISyE 4803 (Advanced Regression and Forecasting) Prq: ISyE 2028
- iv. **ISyE 4803 (Economics and Sup. Chains)** Prq: ISyE 3232,3133 –**OR**
ISyE 4803 (Financial Engineering) Prq: ISyE 3232,3133
- v. **ISyE 4803 (Advanced Optimization)** Prq: ISyE 3133 –**OR**
ISyE 4803 (Advanced Stochastics) Prq: ISyE 3232 –**OR**
ISyE 4803 (Advanced Simulation) Prq: ISyE 3044
- vi. **ISyE 4009 (Human-Integrated Systems)** Prq: ISyE 2028

Complete two additional ISyE electives:

- * **One** ISyE-numbered electives **in bold** from any track listing
- ** **One** elective from any track electives

Review other track flow charts for courses offered