

# BS in Engineering with an Electrical Track

adding

additional courses, retaking classes, or registering for less than a full course load will delay graduation, so consult your academic advisor before deviating from this suggested sequence. Students may enroll in a course only if they have met all prerequisites for that course. Check the UIW Bulletin for details.

The **bolded** courses indicate the courses required for the Electrical Track.

	<b>FALL</b>		<b>SPRING</b>	
<b>FR</b>	CHEM 1301 Chemical Principles 1	3 hrs	CHEM 1302 Chemical Principles 2	3 hrs
	MATH 2312 Calculus 1	3 hrs	CHEM 1203 General Chemistry Lab	2 hrs
	ENGL 1311 Composition 1	3 hrs	MATH 2313 Calculus 2	3 hrs
	ENGR 1201 Introduction to Engineering	2 hrs	ENGL 1312 Composition 2	3 hrs
	ENGR 1310 Engineering Graphics CAD 1	3 hrs	ENGR 1312 Engineering Graphics CAD 2	3 hrs

## UIW Core Course Options

### FINE ARTS

Any three-hour Performance or History course in Visual Art, Dance, Music, or Theatre

### RELIGIOUS STUDIES

Choose from RELS 1305, 1315, 1325, 1327

### PHILOSOPHY

PHIL 1381

### PHIL or RELS Upper level

3000 level or above

### SOCIAL SCIENCE

ANTH 1311, CLST 2315, **ECON 2301**, GOVT 1315, 1316, PSYC 1301, SOCI 1311

### NATURAL SCIENCE

BIOL 1401, 1402, 2321/2121;

**CHEM 1301/1203**, 1405

ENSC 1410

GEOL 1401, 1402, 1415, 1420

METR 1430

NUTR 2400

PHYS 1301/1101, 2305/2105

### HISTORY

HIST 1311, 1312, 1321, 1322

### MATH

MATH 1304, 1306, 2303,

**or higher level**

### Electrical Track Courses

Choose Four Courses

-ENGR 2463 Digital Logic

-ENGR 3364 Signals and Systems

-ENGR 4366 Digital Signal Processing

-ENGR 4368 Intro to Control Systems

-Or other Electrical elective, approved by

Academic Advisor