Welcome to the Department of Electrical & Computer Engineering (ECE)
Cullen College of Engineering
University of Houston
http://www.ee.uh.edu/
Dr. Badri Roysam
Hugh and Lillie Cranz Cullen University Professor
Chair, Department of Electrical and Computer Engineering
Dr. Pauline Markenscoff : Faculty Advisor and Director of Undergraduate Studies
pmarkens@central.uh.edu
Tel#: 713-743-4438
N320 Engineering Building 1

Cecily Smith: Advising Assistant
N329 Engineering Building 1
casmit20@central.uh.edu
Tel#: 713-743-4440

Zaniffa Jan
ECE Front Office: N308 Engineering Bldg1
Tel 713-743-4400 • Fax 713-743-4444

http://www.ee.uh.edu/undergraduate/advising
What will be covered in this session?

- Communication through e-mail
- Degrees Offered/Degree Plans
- Core Curriculum
- Course Load
- University Testing Services-Credit by Examination
- Transfer Credit
- Course Registration
- Continuous Enrollment
- Seeking Assistance
- Engineering Computing Center
- PROMES
- Career Center
- Useful sites
Communication through e-mail

- The ECE Undergraduate Advising Office will send you e-mail for **significant** issues

- **Very Important**
  - receive in a timely manner (less than 24 hours) the e-mails we send
  - set-up (and update if needed) your **forwarding (destination) address** to be your preferred e-mail address, the one that you check very often.
Communication through e-mail

• Newly admitted students to UH have a UH email alias assigned.
• The UH e-mail alias will not work unless there is a valid forwarding (destination) e-mail address.
• For example, the alias of mickeymouse@uh.edu "points to" mickey@yahoo.com
How to Update Your Destination e-mail Address

- **STEP 1:** Go to myUH(PeopleSoft) and login to PeopleSoft.
- **STEP 2:** Once logged in, select UH Self-Service.
- **STEP 3:** Select Campus Personal Information; then click on Email Addresses.
- **STEP 4:** Follow the instructions to update your “Destination” email address. *You must have at least one address designated “Destination” (under Email Type) to receive official UH email.*
- **STEP 5:** Click “SAVE”. *Your UH email alias is now set up to forward emails to this address.*
- **STEP 6:** Click “Sign Out”.
Have Questions?

E-mail them to

pmarkens@central.uh.edu or
casmit20@central.uh.edu
Dr. Pauline Markenscoff is initially your advisor.

Another advisor will be assigned to you in your area of concentration in EE or in CPE when you have finished the courses of the ECE base and submitted your Degree Plan.

You can make an appointment to see your advisor when you have any question about your studies.
ECE Department

ECE web site

Engineering/University Policies Web Sites

ECE Department web sites:
http://www.ee.uh.edu/undergraduate/advising
http://www.ee.uh.edu/undergraduate/academic-professional-assistance

Engineering Policies web site:
http://www.egr.uh.edu/academics/policies/
Engineering policies are stricter than University policies

University Policies web site:
http://catalog.uh.edu/
Degrees offered by the ECE Department

- BSEE (BS in Electrical Engineering)
- BSCPE (BS in Computer Engineering)
Degree Plan

- Set of courses required for the degree for a given academic year (table or flowchart).
- The earliest degree plan that you may follow is the one that was in effect at the time you completed your first semester as an Electrical & Computer engineering major.
- The degree plan that you use for graduation cannot be more than 7 years old.
- You may choose to graduate under a more recent plan-but you must then meet all the requirements of the new plan.
Degree Plan

- 27 credit hours in math, physics, chemistry
- 42 credit hours of core curriculum
- 62 credit hours in electrical/computer/engineering courses

- Total 129 credit hours
Core Curriculum

http://www.uh.edu/academics/corecurriculum/

http://catalog.uh.edu/content.php?catoid=8&navoid=1471
Course (Catalog) Number

ECE 2300

2nd number shows “number of credit hours”

Course Number identifies the course; it is different from the Class Number.

Class Number is the number that a course is given during a particular semester; it is used when you enroll every semester.
• The ECE Base (first two years) provides fundamental skills in math, science, and electrical engineering, and is identical for BSEE and BSCpE majors.

• After completing the courses of the ECE base a student must submit either the BSEE Degree Plan or the BSCpE Degree Plan Form, available in the Department and at

http://www.ee.uh.edu/undergraduate/advising
<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (16)</td>
<td>HIST 1377</td>
<td></td>
<td>ENGI 1100</td>
<td></td>
<td>ENGL 1303</td>
<td>ECE 1100</td>
</tr>
<tr>
<td>2 (17)</td>
<td>HIST 1378</td>
<td></td>
<td>ENGL 1304</td>
<td>ECE 1331</td>
<td>MATH 1432</td>
<td>PHYS 1321/1121</td>
</tr>
<tr>
<td>3 (18)</td>
<td>POLS 1336</td>
<td>ECE 2100</td>
<td>ECE 2300</td>
<td>MATH 2433</td>
<td>PHYS 1322/1122</td>
<td>MATH 3321</td>
</tr>
<tr>
<td>4 (16)</td>
<td>Lang,Phil &amp; Cult</td>
<td>ENGI 2304</td>
<td>ECE 3331</td>
<td>ECE 3337</td>
<td>ECE 4436</td>
<td></td>
</tr>
<tr>
<td>5 (16)</td>
<td>Creative Arts</td>
<td></td>
<td>ECE 3355/3155</td>
<td>Concentration Elec</td>
<td>ECE 3317</td>
<td>ECE Elective</td>
</tr>
<tr>
<td>6 (16)</td>
<td>POLS 1337</td>
<td>INDE 2333</td>
<td>Elective Lab</td>
<td>Concentration Elec</td>
<td>ECE 2331</td>
<td>ECE Elective</td>
</tr>
<tr>
<td>7 (16)</td>
<td>ECON 2304</td>
<td>ECE 4335</td>
<td>Elective Lab</td>
<td>Concentration Elec</td>
<td>Concentration Elec</td>
<td>Technical Elec</td>
</tr>
<tr>
<td>8 (14)</td>
<td>ECE 4336</td>
<td>Elective Lab</td>
<td>Concentration Elec</td>
<td>Concentration Elec</td>
<td>Concentration Elec</td>
<td>Elective Lab</td>
</tr>
</tbody>
</table>
After having completed the ECE base, all students in the BSEE program must choose **one of six** Concentration Areas.

They must submit the BSEE Degree Plan Form prior to enrolling in their first Concentration Elective or ECE Elective.

The student will then be assigned a **Faculty Advisor in the chosen Concentration Area**. Following the initial advising session with the Faculty Advisor, the student may proceed to enroll in Elective courses.
<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (16)</td>
<td>HIST 1377, ENGI 1100, ENGL 1303, ECE 1100, MATH 1431, CHEM 1372/1117</td>
</tr>
<tr>
<td>2 (17)</td>
<td>HIST 1378, ENGL 1304, ECE 1331, MATH 1432, PHYS 1321/1121</td>
</tr>
<tr>
<td>3 (18)</td>
<td>POLS 1336, ECE 2100, ECE 2300, MATH 2433, PHYS 1322/1122, MATH 3321</td>
</tr>
<tr>
<td>4 (16)</td>
<td>Lang, Phil &amp; Cult, ENGI 2304, ECE 3331, ECE 3337, ECE 4436</td>
</tr>
<tr>
<td>5 (16)</td>
<td>Creative Arts, ECE 3355/3155, ECE 3441, ECE 3317, COSC 1320</td>
</tr>
<tr>
<td>6 (16)</td>
<td>INDE 2333, CPE Elective &amp; Lab, ECE 3457, MATH 3336, COSC 2320</td>
</tr>
<tr>
<td>7 (16)</td>
<td>ECON 2304, ECE 4335, CPE Elective &amp; Lab, COSC 4351, ECE 5367</td>
</tr>
<tr>
<td>8 (14)</td>
<td>POLS 1337, ECE 4336, ECE Elective, ECE/COSC Elective</td>
</tr>
</tbody>
</table>
• In the last two years of the BSCpE plan, students specialize in Computer Engineering.

• All students in the BSCpE program must submit the BSCpE Degree Plan Form prior to enrolling in their first Computer Engineering or Computer Science Elective.

• The student will then be assigned a Faculty Advisor in the Computer Engineering Area. Following the initial advising session with the Faculty Advisor, the student may proceed to enroll in Elective courses.

Note: Changes in prerequisites/corequisites for a course made subsequent to the date of this chart, although not reflected in the (outdated) flowchart, do apply to students who have not taken the course.

Concentration Electives: Students must take seven (7) electives in the student’s chosen Concentration Area.

ECE Electives: Students must take two (2) additional ECE 3000-, 4000-, or 5000-level courses.

Technical Elective: Students must take one (1) course from an approved list of non-ECE technical courses, or another ECE Elective.

Elective Labs: Students must take a minimum of four (4) 1-hour lab courses associated with their Concentration Electives, ECE Electives, and/or Technical Elective.

^ECE 4335-4336: These are a two-course sequence that must be taken in consecutive semesters, with 4336 to be taken in the semester of graduation.

Courses shown as XXXX X3XX: This means that any appropriate 3-hour course in the indicated category of the core will fit in this box. Remember that the second digit in a course number indicates the number of hours for that course.

1. Arrow to the top of a box means A is a prerequisite for C.

2. Arrow to the side of a box means credit for or registration in B is a prerequisite for C.

3. Two-headed arrow between the sides of two boxes means C and D must be taken at the same time.

4. In order to take C, you must have made a C- or better in every Engineering and NSM course in the prerequisite chains leading through A, B, and D.
Note: Changes in prerequisites/corequisites for a course made subsequent to the date of this chart, although not reflected in the (outdated) flowchart, do apply to students who have not taken the course.

#ECE or COSC Elective: Any ECE elective at the 3000 level or above, or choice of COSC 3480, COSC 3340, or any 3 or 4 SCH 4000-level COSC course. This elective cannot be ECE 3336.

^ECE 4335-4336: These are a two-course sequence that must be taken in consecutive semesters, with 4336 to be taken in the semester of graduation.

#Approved CpE Electives with Lab: ECE 4437, 5436 or 5440.

*ECE Elective: Choose freely from any ECE 3000-, 4000-, or 5000-level course. This elective cannot be ECE 3336.

Courses shown as XXXX X3XX: This means that any appropriate 3-hour course in the indicated category of the core will fit in this box. Remember that the second digit in a course number indicates the number of hours for that course.
How to Read the Flowcharts: Prerequisites/Corequisites

- Arrow to the top of box means A is a prerequisite of C.
- Arrow to the side of a box means “credit for” or “registration in” is a prerequisite for C.
- Two headed arrow between the sides of two boxes means C and D must be taken at the same time.
ECE Degree Plans

To view the degree plans as flowcharts and the recent (S15-F15) prerequisite changes of ECE courses
http://www.ee.uh.edu/undergraduate/advising

To view a short description of any UH course and its prerequisites go to
• http://catalog.uh.edu/ and click on “courses”

• The most recent prerequisite changes of ECE courses are not shown in the catalog yet.
In the last two years of the BSEE degree plan, students must choose one of the six Concentration Areas below prior to enrolling in any of the Concentration Electives. To apply for a Concentration Area, fill out this form and return it to the ECE Department.

You will soon be notified of a Faculty Advisor assigned to you in your chosen Concentration Area. Following your initial advising session with the Faculty Advisor, you may begin enrolling in Concentration Electives.

CHOSEN CONCENTRATION AREA: CIRCLE the column heading below for your chosen Concentration Area.

CONCENTRATION ELECTIVES: Students take seven (7) electives in their chosen Concentration in Categories 1 and 2, as described below.

Category 1: Required Courses. Students must take ALL of the courses listed in this category in their chosen Concentration Area.

<table>
<thead>
<tr>
<th>Concentration Areas: Category 1 Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Signals, Communications &amp; Controls</strong></td>
</tr>
<tr>
<td>3366: Intro to DSP</td>
</tr>
<tr>
<td>4371/4117 Intro to Telecommunications Engineering</td>
</tr>
<tr>
<td>4375/4115: Automatic Control Systems</td>
</tr>
<tr>
<td>4339/4119: Physical Principles of Solid State Devices</td>
</tr>
<tr>
<td>3441: Digital Logic Design</td>
</tr>
<tr>
<td><strong>Electronics</strong></td>
</tr>
<tr>
<td>3364: Circuits &amp; Systems</td>
</tr>
<tr>
<td>3458: Analog Electronics</td>
</tr>
<tr>
<td>3457: Digital Electronics</td>
</tr>
<tr>
<td><strong>Nanosystems</strong></td>
</tr>
<tr>
<td>4339/4119: Physical Principles of Solid State Devices</td>
</tr>
<tr>
<td>3364: Circuits &amp; Systems</td>
</tr>
<tr>
<td><strong>Applied Electromagnetics</strong></td>
</tr>
<tr>
<td>2317: Applied Electricity &amp; Magnetism</td>
</tr>
<tr>
<td>5317/5113 Microwave Engineering</td>
</tr>
<tr>
<td><strong>Power &amp; Renewable Energy</strong></td>
</tr>
<tr>
<td>2317: Applied Electricity &amp; Magnetism</td>
</tr>
<tr>
<td>3364: Circuits &amp; Systems</td>
</tr>
<tr>
<td><strong>Computers &amp; Embedded Systems</strong></td>
</tr>
<tr>
<td>3441: Digital Logic Design</td>
</tr>
<tr>
<td>4437 Embedded Microcomputer Sys OR 5440 Adv Digital Design</td>
</tr>
<tr>
<td>5318/5114 Antenna Engineering</td>
</tr>
<tr>
<td>4363/4113: Electromechanical Energy Conversion</td>
</tr>
<tr>
<td>5367: Intro to Computer Architecture &amp; Design</td>
</tr>
<tr>
<td>5321/5121: Design &amp; Fabrication of Nanoscale Devices</td>
</tr>
<tr>
<td>5377/5127: Power Transmission &amp; Distribution</td>
</tr>
<tr>
<td>COSC 1320: Intro to Computer Science II</td>
</tr>
</tbody>
</table>

(Proceed to Category 2 on reverse side.)
Students must take additional courses from Category 2 in the chosen Concentration to total seven (7) courses in the Concentration. CIRCLE the courses in your chosen Concentration Area only that you are currently planning to take (this is for our planning purposes only, you may change your mind later).

<table>
<thead>
<tr>
<th>Concentration Areas: Category 2 Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Circle 4)</td>
</tr>
<tr>
<td>(Circle 2)</td>
</tr>
<tr>
<td>(Circle 3)</td>
</tr>
<tr>
<td>(Circle 4)</td>
</tr>
<tr>
<td>(Circle 3)</td>
</tr>
<tr>
<td>(Circle 3)</td>
</tr>
<tr>
<td>Circuits &amp; Systems</td>
</tr>
<tr>
<td>3364: Circuits &amp; Systems</td>
</tr>
<tr>
<td>4375/4115: Automatic Control Systems</td>
</tr>
<tr>
<td>3364: Intro to DSP</td>
</tr>
<tr>
<td>4371/4117: Intro to Telecommunications</td>
</tr>
<tr>
<td>5335/5113: State-Space Control Systems</td>
</tr>
<tr>
<td>3366: Nanosystems</td>
</tr>
<tr>
<td>5322: Nanoengineering Research</td>
</tr>
<tr>
<td>5319/5119: Intro to Nanotechnology</td>
</tr>
<tr>
<td>4363/4113: Energy Conversion Devices</td>
</tr>
<tr>
<td>4339/4119: Physical Principles of Solid</td>
</tr>
<tr>
<td>5397: Renewable Energy Technology</td>
</tr>
<tr>
<td>3366: Signal Integrity</td>
</tr>
<tr>
<td>5346: VLSI Design</td>
</tr>
<tr>
<td>5364: Digital Video</td>
</tr>
<tr>
<td>5346: VLSI Design</td>
</tr>
<tr>
<td>5354: Digital Video</td>
</tr>
<tr>
<td>5365: CMOS Analog Integrated Circuits</td>
</tr>
<tr>
<td>5346: VLSI Design</td>
</tr>
<tr>
<td>5440: Advanced Digital Design</td>
</tr>
<tr>
<td>5335/5113: Microwave Engineering</td>
</tr>
<tr>
<td>5340 Intro to Well-Logging Techniques</td>
</tr>
<tr>
<td>5344: Signal Integrity</td>
</tr>
<tr>
<td>5451: Internetworking</td>
</tr>
<tr>
<td>5346: VLSI Design</td>
</tr>
<tr>
<td>5451: Internetworking</td>
</tr>
<tr>
<td>5380: Power Electronics &amp; Electric</td>
</tr>
<tr>
<td>5358 Modern Optics &amp; Photonics</td>
</tr>
</tbody>
</table>
Please **LIST the two courses you are currently planning to take:**

ECE ELECTIVE #1: ____________________________     ECE ELECTIVE #2: ____________________________

**ELECTIVE LABS.** Students must take a minimum of **four (4)** 1-hour lab courses associated with their Concentration Electives, ECE Electives, and/or Technical Elective. Students taking seven (7) or more 1-hour lab courses may use those additional 3+ hours in place of 1 ECE Elective. **If that is your plan,** put “3 Labs” as ECE ELECTIVE #2 above, and list all 7 Elective Lab courses you plan to take (labs associated with non-elective required courses such as ECE 3155 cannot be used here):

7 Labs:  __________________________________________

**TECHNICAL ELECTIVE.** Students must take **one (1)** of the following courses. Please **CIRCLE the one that you are currently planning to take.**

Any ECE 3000-, 4000-, or 5000-level course: __________________________

PHYS 3312 Modern Optics
PHYS 3315 Modern Physics I
MATH 3335 Vector Analysis
MATH 3364 Complex Analysis
MATH 4364 Numerical Analysis
ENGI 2334 Intro to Thermodynamics
MECE 3400 Intro to Mechanics
LAST NAME: ____________________________ FIRST NAME: ____________________________ STUDENT ID # __________________

In the last two years of the BSCpE degree plan, students must choose a number of elective courses in ECE and COSC. Before registering for any of these electives, fill out this form and return it to the ECE Department.

You will soon be notified of a Computer Engineering Faculty Advisor assigned to you. Following your initial advising session with the Faculty Advisor, you may begin enrolling in the Electives.

CPE ELECTIVES. Students must take two (2) of the following courses. Circle the 2 that you plan to take.

ECE 4437    ECE 5436    ECE 5440

ECE ELECTIVE. You may choose freely from any ECE 3000-, 4000- or 5000-level course. Tell us which one:

ECE Elective: ______________________________

ECE/COSC ELECTIVE. Students must take one (1) of the following courses. Please CIRCLE the one that you are currently planning to take.

Any ECE 3000-, 4000-, or 5000-level course: ______________________________
COSC 3380 Design of File and Database Systems
COSC 3340 Introduction to Automata and Computability
Any 3- or 4-SCH 4000-level COSC course: ______________________________
• 3 credit hour courses meet 3 hours/week (either 2 times/week **MW** or **TTh** or 3 times/week **MWF**) with 10 minutes between classes.

• You can take back to back a couple of classes; it is difficult to take too many back to back classes.

• 1 credit hour lab meets more than an hour, i.e., ECE 1100, which is a 1 credit hour course meets twice per week for an hour.
Course Offerings

• Many ECE courses are offered every semester.
• Some are offered every Fall semester and some are offered every Spring semester.

• We post on the web the planned course offerings of the ECE department for the next 12 to 18 months:
  http://www.ee.uh.edu/undergraduate/future-course-offerings

• Few ECE courses are offered in the Summer.
C- Rule:

The College of Engineering requires a grade of "C-" or better for credit in any mathematics, science, or engineering course that applies toward the bachelor's degree.

In addition, the "C-" is required for any mathematics, science, or engineering course used as a prerequisite for a subsequent course.
Max. number of attempts:

The College of Engineering policy does not allow a student to attempt Engineering courses more than two times and science or mathematics more than three times. Counted attempts include all courses that resulted in a grade of “A-F”, “W” or “I”.
Six “W” grades limit:

- A student can drop a course up to the *last day to drop a course* or *withdraw from all courses* deadline. This deadline falls approximately four weeks before the last class day of the Fall and Spring semesters.

- *Once the 6 'W's have been used, you must complete all courses you are enrolled in regardless of academic performance.*

- Courses dropped at other Texas public institutions count towards the 6-drop limit.
Residency Requirements:
A student of the Cullen College of Engineering (CCE) cannot take an Engineering course at another University. Only engineering courses taken before the student has transferred to the CCE can apply for transfer credit.

The College of Engineering requires that a minimum of 30 hours of engineering courses must be completed in residency.

The University requires that the last 30 semester hours have to be completed in residency.
ECE Degree Plans FAQ

- Can I substitute CHEM1331 for CHEM1372?
- CHEM1372 is a combination of CHEM1331 and CHEM1332 most relevant for engineering.
- Taking either CHEM1331 or CHEM1332 alone is not equivalent to CHEM1372.
- CHEM1331 and CHEM1332 can substitute CHEM1372.
- CHEM1111 Lab or CHEM1112 Lab can substitute CHEM1117
- Submit a General Petition only if you have taken one of the two labs.
- It is possible to take one semester CHEM 1372 and a later semester CHEM1117.
ECE Degree Plans FAQ

• The degree plan specifically requires ECON 2304 (Microeconomics) but I took ECON 2305 (Macroeconomics). Do I have to take ECON 2304?

• No, we will continue to accept either ECON 2304 or ECON 2305.

• Because we feel that ECON 2304 is more relevant to engineering, we decided to list it explicitly in our degree plan to encourage students to choose it over 2305.
• I have already taken Math 3331 (Differential Equations). Do I need to take Math 3321 (Engineering Math)?

• Yes, unless you have taken Math 2331 (Linear Algebra) and Math 3331 (Differential Equations).

• Math 2331 **and** Math 3331 can substitute Math 3321.
Changes in Prerequisites

• An older flowchart indicates that course xxxx is not a prerequisite for course yyyyy, while a new flowchart indicates that course xxxx is a prerequisite for course yyyyy. Does that mean that the course prerequisite does not apply to students who follow the older flowchart?

• Changes in prerequisites apply to everybody who has not taken a course, no matter what the old flowchart indicates.
Course Load

• To graduate in 4 years you will need to enroll in 32-33 credit hours per year (16 to 18 hours per semester).

• Max. Load:
  – 19 credit hours for Fall and Spring

• To enroll for more credit hours than the max. (up to 22) you need to submit a General Petition
  – has to be approved by the Advisor and the Undergraduate Associate Dean of Engineering
UH in 4

• Enroll in at least 15 semester hours credit hours in the Fall semester that apply towards the degree plan (developmental courses are not counted).

• Successfully complete a minimum of one quarter of the credits of the degree program each year (129/4 = 32.25 credit hours for BSEE or BSCpE).

• Remain in good academic standing.

• http://www.uh.edu/provost/UHin4/
## Course Load

<table>
<thead>
<tr>
<th>Employment Work Load/Week</th>
<th>Recommended Semester Course Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Employed</td>
<td>16-18 Credit Hours</td>
</tr>
<tr>
<td>1-20 Hours</td>
<td>Not more than 14 Hours</td>
</tr>
<tr>
<td>20-30 Hours</td>
<td>Not more than 13 Hours</td>
</tr>
<tr>
<td>30-40 Hours</td>
<td>Not more than 10 Hours</td>
</tr>
</tbody>
</table>
A more realistic Rule to determine the Number of Credit Hours to enroll in

If \( x \) is the number of credit hours a student is enrolled in, then

**Number of hours employed + 4 \cdot X \leq 60**

\[ X = \frac{(60 - \text{Number of hours employed})}{4} \]

*Example*

if a student works 20 hours, he/she should enroll for

\[ X = \frac{(60 - \text{Number of hours employed})}{4} \]

\[ = 10 \text{ credit hours} \]
University Testing Services (UTS)

204 Student Service Center 1

www.las.uh.edu/uts
• All new engineering students must take the mathematics placement examination before enrolling in their first math course.

• Students that have received transfer credit for Math 1431, do not need to take the placement examination.
Math Placement Exams

- Placement into Math 1310
  - Math 1310
    - College Algebra

- Placement into Math 1330
  - Math 1330
    - Pre-Calculus

- Placement into Math 1431
  - Math 1431
    - Calculus I

Grade of 65 or better is needed for all placement tests.

http://online.math.uh.edu/MathPlacement/

Placement exams are available at http://www.casa.uh.edu/casa/
Prerequisite of CHEM 1372

- Math 1330 (Pre-calculus) and

- successful completion of either the Chemistry test or CHEM 1301.
Transfer Students

- Transfer students should already have credit for Math 1431.
Credit By Examination

- Credit by Examination Programs accepted at UH
  - Advanced Placement (AP) Examinations
  - SAT Subject Tests
  - International Baccalaureate (IB)
  - UH Departmental Examinations

- Official Test Scores must be sent to UTS

- The Course Credit Request form must be filled out at UTS, Room 204 Student Service Center 1
Credit By Examination

• Placement in English and Mathematics will be determined by student’s
  – SAT/ACT scores
  – AP scores or
  – Internal UH Placement tests
How Do I Get My Transfer Courses To Be Equivalent To Courses at UH?

Transfer Course Equivalencies for Engineering:

http://www.uh.edu/admissions/apply/apply-transfer/by-major/engineering-4-2014.pdf
How Do I Get My Transfer Courses To Be Equivalent To Courses at UH?

Step 1:
- **Official transcript** must be submitted to the Admissions Office. Evaluation is done by the Office of the Registrar and the process takes 6-8 weeks.

  http://www.uh.edu/admissions/admitted/transfer-credit

Check in PS for which equivalent U of H course you received credit for.
- If the designation of the course that you took somewhere else is “Elective”, then, if you still think that the course that you took somewhere else is equivalent to a U of H course, then submit a transfer credit petition.
How Do I Get My Transfer Courses To Be Equivalent To Courses at UH?

Step 2:

• Transfer Credit Petition
  – Detailed Course Description
  – Detailed Syllabus
  – Any other information needed for the course

http://www.uh.edu/academics/forms/

or you can also find it at

http://www.ee.uh.edu/undergraduate/forms
Transfer Credit

• Any course in which a student received a grade below C- is not transferable or applicable towards degree requirements.

• Credit given for Technology courses cannot apply for Engineering courses.
Course Registration

• Before enrolling for a course check carefully the Prerequisites/Corequisites.
  – http://www.ee.uh.edu/undergraduate/advising (for ECE courses)
  – http://catalog.uh.edu/ and click on “courses”
    (http://catalog.uh.edu/content.php?catoid=6&navoid=1222)

• For core courses check
  – http://www.uh.edu/academics/corecurriculum/

• Go to myUH to enroll
  – http://www.uh.edu/academics/courses-enrollment/
Continuous Enrollment

- Registering for and **successfully** completing at least one 3 hour course in a 13 month period

- Otherwise need to reapply for admission
  
  [http://www.uh.edu/admissions/apply/re-apply-former-student](http://www.uh.edu/admissions/apply/re-apply-former-student)
  
  - $50 fee
  
  - Deadlines
    
    - May 1st for Summer Term
    - June 1st for Fall Term
    - November 1st for Spring term
General Petition

• Course Overload Request
• Course Substitution
• Degree Requirement Exception
• Change of Major

You can find this petition at
• http://www.uh.edu/academics/forms/#generalpetition

or at the ECE dept. web site:
• http://www.ee.uh.edu/undergraduate/forms
All students and faculty of the University of Houston are responsible for being familiar with this policy. You can find it at

http://catalog.uh.edu/content.php?catoid=9&navoid=1866

• Pay attention to the policy of each instructor for homeworks, labs, projects, etc., especially with regard to collaboration.
• Make sure you know beforehand what is permissible and what is not. Do not assume.
• At the beginning of the semester in every ECE course you will sign an academic honesty agreement form.
Seeking Assistance

Cecily Smith
Undergraduate Advisor
N329 Engineering Building 1

Dr. Pauline Markenscoff
Faculty Advisor
N320 Engineering Building 1
Administration

Dr. Badrinath Roysam
Chairman, ECE Dept.

Dr. Dave Shattuck
Associate Dean
Engineering Computing Center

W 129 Engineering Building 2

http://ecc.egr.uh.edu/

Cougarnet:
Network of PCs running Windows XP available to engineering students.
Program for
Mastery In Engineering Studies
E316 Engineering Bldg 2
http://promes.egr.uh.edu/

– Learn to manage your time effectively
– Improve your study and testing skills
– Attend academic workshops to supplement your math, science, and engineering courses
– Meet peer mentors
Engineering Career Center

N302 Engineering Bldg 1

http://career.egr.uh.edu/

• Industrial Scholars interns Program (ISIP)
• Co-Operative Education (CO-OP)
• Internships
Useful sites

ECE Department web sites:

http://www.ee.uh.edu

http://www.ee.uh.edu/undergraduate/advising

http://www.ee.uh.edu/undergraduate/forms
Useful sites

Engineering Policies web site:

http://www.egr.uh.edu/academics/policies/

University Policies web site:

http://catalog.uh.edu/
Useful sites

For course enrollment:

http://www.uh.edu/academics/courses-enrollment/

For prerequisite checking:

- http://www.ee.uh.edu/undergraduate/advising
  (for ECE courses)
- http://catalog.uh.edu/ and click on “courses”

For core curriculum:

- http://www.uh.edu/academics/corecurriculum/
Useful sites

For course transfer credit:

http://www.las.uh.edu/uts

http://www.uh.edu/admissions/admitted/transfer-credit
Useful sites

For academic Forms:

http://www.uh.edu/academics/forms

http://www.ee.uh.edu/undergraduate/forms

http://www.uh.edu/academics/forms/#generalpetition

http://www.uh.edu/academics/forms/#transferpetition
Useful sites

College of Engineering Services:

http://ecc.egr.uh.edu/

http://promes.egr.uh.edu

http://career.egr.uh.edu