

NAME: \_\_\_\_\_ H# \_\_\_\_\_ DATE: \_\_\_\_\_

CATALOG YEAR: **2020/2021**

**Candidates for a single major undergraduate baccalaureate degree must complete a total of at least 128 credit hours along with the following requirements:**

- No fewer than 30 semester hours of upper / advanced level (3000 or 4000) courses.
- No more than 6 credit hours in Kinesiology activity courses or other student activity hours will count towards the 125 credit hour requirement.
- Complete the Liberal Arts Core Requirements (certain majors may have their own prescribed Liberal Arts Core Requirements--please see your advisor in your major.)
- Complete a minimum of 32 hours or 25% of the required hours, whichever is greater, of residency at HBU including at least 12 advanced credit hours in the major.
- Cumulative GPA of at least 2.00 with no grade below "C" in courses required for the major.
- If completing a MINOR, at least 9 upper level hours of RESIDENCY at HBU included in the MINOR w/grade of C or higher in all courses.

**Once admitted and enrolled at HBU, each student MUST:**

- Receive prior approval for any courses taken at another college (once an undergraduate student has enrolled at HBU, no more than 18 semester hours total will be accepted for transfer credit.)
- File a degree plan with the Registrar's Office before 64 credit hours have been completed.
- File a graduation application at least one (1) semester before anticipated date of graduation.

**LIBERAL ARTS CORE REQUIREMENTS:**

“\*\*” Indicates course must be completed with a “C” or higher.

| COURSES   | Hours | COURSES   | Hours     |
|---|-------|---|-----------|
| *ENGL 1313 Composition and Literature I             | 3     | *MATH 1451 Calculus I                                     | 4         |
| *ENGL 1323 Composition and Literature II            | 3     | GOVT 2313 American and Texas Government                   | 3         |
| ENGL 2315 or 2325 Great Works of Literature I or II | 3     | HIST 2311 Western Civilization I                          | 3         |
| PSYC 1313 General Psychology                        | 3     | HISTORY: Choose 1 from HIST 2312, HIST 2313 or HIST 2323  | 3         |
| PHIL 1313 Introduction to Philosophy                | 3     | ART 2343 Art Appreciation or MUSI 1331 Music Appreciation | 3         |
| PHYS 2413 Principles of Physics I                   | 4     | COMM 1323 Rhetoric and Public Speaking                    | 3         |
| CHRI 1301 Introduction to the Bible                 | 3     |   |           |
| CHRI 2373 Christian Theology and Tradition          | 3     | <b>TOTAL HOURS IN LIBERAL ARTS CORE</b>                   | <b>44</b> |

**Students transferring to Houston Baptist University with 45 hours or more of transferable college credit are only required to take CHRI 3300, *Introduction to the Bible and Theology*, to meet their Liberal Arts Core Curriculum Christianity requirements.**

| COURSE NO.             | COURSE NAME  | HOURS     |
|------------------------|--|-----------|
|                        | <b>MATH AND SCIENCE REQUIREMENTS:</b>                            |           |
| MATH 1451              | Calculus I   | LACC      |
| MATH 1452              | Calculus II  | 4         |
| MATH 3311              | Discrete Math  | 3         |
| MATH 2451              | Calculus III   | 4         |
| MATH 2323              | Linear Algebra   | 3         |
| PHYS 2413              | Principles of Physics I  | LACC      |
| PHYS 2423              | Principles of Physics II   | 4         |
| CHEM 2415 or BIOL 2454 | General Chemistry I or General Biology I                         | 4         |
|                        | <b>TOTAL MATH AND SCIENCE REQUIREMENTS (in addition to LACC)</b> | <b>22</b> |

**MAJOR REQUIREMENTS: All courses within major must be completed with a “C” or higher.**

| COURSE NO. | COURSE NAME                              | HOURS      |
|------------|--|------------|
| ENSC 1411  | Engineering and Cyber Projects I         | 4          |
| ENSC 1412  | Engineering and Cyber Projects II        | 4          |
| ENSC 4311  | Senior Project I                         | 3          |
| ENSC 4312  | Senior Project II                        | 3          |
| ENSC 4315  | Internship/Professional Experience       | 3          |
| COSC 1351  | Introduction to Computer Programming     | 3          |
| COSC 1352  | Intermediate Computer Programming        | 3          |
| COSC 2351  | Data Structures                          | 3          |
| COSC 2352  | Systems Programming                      | 3          |
| COSC 2353  | Operating Systems                        | 3          |
| CYEN 3331  | Computer Network Security                | 3          |
| COSC 3341  | Computer Architecture                    | 3          |
| COSC 2354  | Advanced Data Structures and Algorithms  | 3          |
| COSC 3352  | Theory of Computing                      | 3          |
| COSC 3353  | Programming Languages                    | 3          |
| COSC 3342  | Computer Networks                        | 3          |
| CYEN 4351  | Software Design and Engineering          | 3          |
| CYEN 4335  | Applied Cryptography                     | 3          |
| ELECTIVES  | 3 hours from CYEN 4332, 4333, 4352, 4381 | 3          |
|            | <b>Total Hours in Major</b>              | <b>59</b>  |
|            | <b>TOTAL HOURS IN DEGREE</b>             | <b>128</b> |

**OTHER GRADUATION REQUIREMENTS**

Any departmental Exit Exams.

Community Life & Worship (CLW): 80 credits by graduation (Worship Events - at least 50 CLW credits & Community Life Events – no more than 30 CLW credits)

A max of 60 CLW credits can be earned through CLEP, dual credits & transfer credit that is accepted through the HBU Registrar.

FYS 1300 (freshmen only) – Required for all students entering with less than 32 completed semester hours credit. 100% online students will take a three hour course, **ONLN 1300** Introduction to Online Learning, in place of FYS 1300.

APPROVED BY:

FACULTY ADVISOR \_\_\_\_\_ DATE \_\_\_\_\_

DEAN OF COLLEGE \_\_\_\_\_ DATE \_\_\_\_\_

I HAVE READ AND AGREE TO ABIDE BY ALL REQUIREMENTS ON THE DEGREE PLAN

STUDENT SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**THIS DEGREE PLAN IS NOT VALID UNTIL RECEIVED & PROCESSED BY THE OFFICE OF THE REGISTRAR**

PROCESSED BY \_\_\_\_\_ DATE \_\_\_\_\_