Transfer Guide
Lee College & UHD
Bachelor of Science in Biological and Physical Sciences
2012-2013

Students pursuing a Bachelor of Science degree in Biological & Physical Sciences at the University of Houston-Downtown are strongly encouraged to complete an Associate degree before transferring to UHD. The Associate degree provides a solid foundation through the traditional liberal arts education, and Associate degree core curriculum courses taken at Lee College will transfer to UHD. Studies indicate students who complete an Associate degree are more likely to successfully complete a Bachelors degree.

General Education Core (30 hours)

General Core Requirements

Lee College

Written Communication (6 hours) 010
ENGL 1301 English Composition I
ENGL 1302 English Composition II

Oral Communication (3 hours) 011
Select one of the following:
SPCH 1311 Introduction to Speech Communication
SPCH 1315 Principles of Public Speaking
SPCH Interpersonal Communication
SPCH 1321 Business & Professional Communication*

Any course taken to complete this core component not listed above will satisfy the requirement at UHD.

For a complete list of all fully transferable Lee College Communication courses and options check the 2012-2013 Catalog.

Mathematics (4 hours) 020
See List of Math courses

Natural Science (8 hours) 030
Note: Eight hours of lab sciences for science majors in the same natural science* approved by the CMS department advisor.
BIOL, CHEM, GEOL, or PHYS

Humanities (3 hours) 040
For a complete list of all fully transferable Lee College Humanities core course options check the 2012-2013 Catalog.

NOTE: Students should consider taking a sophomore literature class to meet future prerequisites.

General Education Core (30 hours)

General Core Requirements

UHD

Written Communication (6 hours) 010
ENG 1301 Composition I
ENG 1302 Composition II

Oral Communication (3 hours) 011
Select one of the following:
COMM 1304 Introduction to Speech Communication
COMM 1306 Beginning Public Speaking
COMM 2309 Interpersonal Communication
COMM 3306 Business & Professional Speech Comm

Any course taken to complete this core component not listed above will satisfy the requirement at UHD.

For a complete list of all fully transferable Lee College Communication courses and options check the 2012-2013 Catalog.

Mathematics (4 hours) 020
See List of Math courses

Natural Science (8 hours) 030
Note: Eight hours of lab sciences for science majors in the same natural science* approved by the CMS department advisor.
BIOL, CHEM, GEOL, MBIO, or PHYS

Humanities (3 hours) 040
Any literature class
Visual and Performing Arts (3 hours) 050
Select one of the following:
ARCH, ARTS, DRAM or MUSI

American History (6 hours) 060
HIST 1301 History of the U.S. to 1877
HIST 1302 History of the U.S. Since 1877
HIST 2301 History of Texas
(Select 6 hours with 3 hours from U.S. History)

Government (6 hours) 070
GOVT 2301 American Government I
GOVT 2302 American Government II

Social/Behavioral Science (3 hours) 080
Select one of the following:
GEOG 1303 World Regional Geography
PSYC 2301 Introduction to Psychology
SOCI 1301 Introductory Sociology
Any course taken to complete this core component not listed above will satisfy the requirement at UHD.
For a complete list of all fully transferable Lee College Social/Behavioral courses and options check the 2012-2013 catalog.

Kinesiology (1 hour) 090
Any One hour KINE course
For a complete list of all fully transferable Lee College KINE course options check the 2012-2013 Lee College Catalog.

Computer Literacy (4 hours) 090
See basic mathematics and sciences list

A transfer student who has successfully completed all of the common core requirements at Lee College or another institution of higher education will satisfy all the UHD common core requirements. If not all of the common core requirements have been completed prior to the transfer, each core course transferred will be credited and will satisfy the corresponding common core requirements at UHD. Remaining UHD Common Core requirements must be satisfied. All prerequisites for UHD courses must be met.

Courses not listed on this sheet that satisfy core curriculum components (see italicized number) satisfy the equivalent component at the transferring institution or as free elective.

Lower-Level Science Requirements at HCC
(Some of the following courses may be taken to fulfill the common core requirements)
### Upper-Level Requirements (44 hours)

Forty-four hours of which at least 22 hours must be in the natural sciences, (biology, chemistry, geology, microbiology and physics) with a minimum grade point average in the natural sciences courses of 2.0 or better. At least 18 hours must be taken at UHD. At least 7-8 hours must be in 4000-level natural sciences lecture courses with at least one laboratory course. Field experience or thesis credit cannot be used to satisfy this requirement. No more than 3 hours in upper-level sciences with a grade of D.

**Electives**

At least 10 hours, at any level, chosen with advisor approval (at least 18 hours of Emphasis in Teacher Certification)

**NOTE:** Excluding the hours listed under "Lower-Level Science Requirements," no more than 28 hours of natural sciences courses (biology, chemistry, geology, microbiology and physics) may be in a single discipline, and no more than 18 hours of the required upper-level sciences may be in a single discipline.

*course has prerequisites not listed on this worksheet

120 hours required

Courses taken at LC do not transfer as Upper Level credits.

Check with your advisor about how requirements from the Associate of Arts, the Associate of Science, and whether requirements from the Associate of Applied Science may be applied.

### ADDITIONAL REQUIREMENTS - May be satisfied by requirements above

- **Two Upper Level Writing Courses** (See Enhancement Courses list on NS website)
- **One course in Ethical and Moral Issues** (See Enhancement Courses list on NS website), can be satisfied by several **Upper-level Courses**
- **One World Community Course** (See Enhancement Courses list on NS website), can be satisfied by several **Lower-level Courses**
  - ENG 2301, 2302, 2313, or 2314 will satisfy both the Sophomore Lit and World Community requirements.

**ONE NONVERBAL ANALYTICAL SKILLS COURSE** - Satisfied by degree requirements
For a complete list of all Academic Requirements and criteria for the College of Sciences and Technology, Natural Sciences Department, located at 813-North, call 713-221-8015, or visit the UHD web site at www.uhd.edu/sciences/ns

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