## Transfer Guide
### Lee College & UHD
### Bachelor of Science in Applied Statistics
### 2012-2013

Students pursuing a Bachelor of Science degree in Applied Statistics 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.

### Common 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 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 Math. Science Requirements**

#### 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.

#### Visual and Performing Arts (3 hours) 050

Select one of the following:

### Common 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**

### Mathematics (4 hours) 020

**See Math. Science Requirements**

### 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:
<table>
<thead>
<tr>
<th>Core Component</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART, DRA or MUS</td>
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<tr>
<td>American History (6 hours)</td>
<td>060</td>
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<tr>
<td>HIST 1301 History of the U.S. to 1877</td>
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<tr>
<td>HIST 1302 History of the U.S. Since 1877</td>
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<tr>
<td>HIST 2301 History of Texas</td>
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<tr>
<td>(Select 6 hours with 3 hours from U.S. History)</td>
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<tr>
<td>Government (6 hours)</td>
<td>070</td>
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<tr>
<td>GOVT 2301 American Government I</td>
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<tr>
<td>GOVT 2302 American Government II</td>
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<tr>
<td>Social/Behavioral Science (3 hours)</td>
<td>080</td>
<td>Select one of the following:</td>
<td>GEOG 1303 World Regional Geography</td>
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<td>PSYC 2301 Introduction to Psychology</td>
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<td>SOCI 1301 Introductory Sociology</td>
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<td>Any course taken to complete this core component not listed above will satisfy the requirement at UHD.</td>
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<td>For a complete list of all fully transferable Lee College Social/Behavioral courses and options check the 2012-2013 catalog.</td>
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<tr>
<td>Kinesiology (1 hour)</td>
<td>090</td>
<td>Any One hour KINE course</td>
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<td>For a complete list of all fully transferable Lee College KINE course options check the 2012-2013 Lee College Catalog.</td>
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<tr>
<td>Computer Literacy (4 hours)</td>
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<td>See Math. Science Requirements</td>
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<td>See Math. Science Requirements</td>
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<td>NOTE: Students must also take the following upper-level writing course.</td>
<td>ENG 3302 Business &amp; Technical Report Writing</td>
</tr>
</tbody>
</table>

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.
MATH 1324 Finite Mathematics with Business Applications  
MATH 1325 Calculus with Business Applications  
COSC 1436 Fundamentals of Programming I  
MATH 2305 Discrete Mathematics  
MATH 2318 Linear Algebra  
MATH 1305 Finite Mathematics with Applications  
MATH 1306 Fundamentals of Calculus w/Applications  
CS 1410 CS I-Introduction to Computer Science w/C++  
MATH 2405 Discrete Mathematics  
MATH 2407 Linear Algebra**  
STAT 3309 Statistical Analysis for Business Application I  
STAT 3310 Statistical Analysis for Business Applications II  
MATH 4294 Senior Seminar  
#STAT 43XX  
#STAT 43XX  
#STAT 43XX  
#STAT 43XX  
*STAT 4395 Senior Project in Statistics or "W" course. Check the department advisor for a list of "W" courses.  

**Choose 4 courses from the following list:**  
STAT 4300 Statistical Quality Control  
STAT 4303 Decision Mathematics  
STAT 4306 Mathematical Models & Computer Simulation  
STAT 4307 Time Series  
STAT 4309 Design and Analysis of Experiments  
STAT 4310 Applied Regression  
STAT 4311 Operations Research  

Minor (minimum 18 hours)  
Any approved university minor may be chosen to satisfy this requirement. Refer to the UHD catalog for details on minor requirements.  

Free Electives (Enough to complete 120 hours)  

No grade of "D" in any course in the Department of Computer and Mathematical Sciences may be applied toward satisfying the degree requirements.  

Courses taken at Lee College 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.  

To learn more about the UHD Bachelor of Science in Applied Statistics contact the College of Sciences Technology, department web site at www.cms@uhd.edu.  

Revised 9/18/12