### B.S. - COMPUTER SCIENCE 2017-18 CATALOG

#### FRESHMAN YEAR

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>*@#ENG 101 (3)</td>
<td>*@#ENG 102 (3)</td>
</tr>
<tr>
<td>SAT SCORE &gt; 499 or SAT ERWS &gt; 479 OR ACT SCORE &gt; 17 OR PLACEMENT EXAM</td>
<td>PREREQUISITE ENG 101 or ENG 101 E/F</td>
</tr>
<tr>
<td>*@#MATH 181 (4)</td>
<td>*@#MATH 182 (4)</td>
</tr>
<tr>
<td>PREREQUISITE MATH 127 OR 128 OR SAT SCORE &gt; 629 OR SAT MSS &gt; 649 OR ACT SCORE &gt; 27 PLACEMENT TEST</td>
<td>PREREQUISITE MATH 181</td>
</tr>
<tr>
<td>*@#COM 101 (3)</td>
<td>*@#PHIL 114 (3)</td>
</tr>
<tr>
<td>*@#CS 135/L (3)</td>
<td>*@#CS 202 (3)</td>
</tr>
<tr>
<td>PREREQUISITE MATH 127 OR MATH 128 or HIGHER</td>
<td>PREREQUISITE CS 135/L</td>
</tr>
<tr>
<td>*FIRST-YEAR SEMINAR (2-3)</td>
<td>*@#CPE 100/L (4)</td>
</tr>
<tr>
<td>EGG 101/L RECOMMENDED</td>
<td>PREREQUISITE MATH 127 OR MATH 128</td>
</tr>
</tbody>
</table>

#### SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CONSTITUTIONAL REQUIREMENT</strong> SUGGESTED</td>
<td>*@#FINE ARTS ELECTIVE (3)</td>
</tr>
<tr>
<td>*@#PHIL 422 (3)</td>
<td>NOTE REFER TO THE 2017-18 CATALOG</td>
</tr>
<tr>
<td>*@#MATH 365 (3)</td>
<td>@#MATH 321 (3)</td>
</tr>
<tr>
<td>PREREQUISITE MATH 182 &amp; CS 135</td>
<td>PREREQUISITE CS 202 &amp; CS 218</td>
</tr>
<tr>
<td>*@#GEN. ED REQ. (3)</td>
<td>*@#CS 219 (3)</td>
</tr>
<tr>
<td>SOCIAL SCIENCE (MULTI/INTL) NOTE: REFER TO THE 2017-18 UNIVERSITY CATALOG</td>
<td>PREREQUISITE CS 202 &amp; MATH 181</td>
</tr>
<tr>
<td>*@#CS 218 (3)</td>
<td>*@#CS 302 (3)</td>
</tr>
<tr>
<td>PREREQUISITE CPE 100 &amp; (CS 117 OR CS 135)</td>
<td>PREREQUISITE CS 202 &amp; MATH 181</td>
</tr>
<tr>
<td>*@#SOPHOMORE SEMINAR (3)</td>
<td>*@#PHIL 422 (3)</td>
</tr>
<tr>
<td>NOTE: REFER TO THE 2017-18 UNIVERSITY CATALOG</td>
<td>PREREQUISITE PHIL 114</td>
</tr>
</tbody>
</table>

* INDICATES COURSES OFFERED IN FALL

@ INDICATES COURSES OFFERED IN SPRING

# INDICATES COURSES OFFERED IN SUMMER (SUBJECT TO CHANGE BASED ON DEPT. OFFERING)
B.S. - COMPUTER SCIENCE 2017-18 CATALOG

JUNIOR YEAR

FALL SEMESTER
- LAB SCI. ELECTIVE (4)
  NOTE: CHOOSE SEQUENCE
  BIOL 189/L & 197/L, OR
  CHEM 121A/L & 122A/L OR
  GEOL 101/D & GEOL 102/L
  OR PHYS 180/L & PHYS 181/L
- *@CS 301 (1)
  PREREQUISITE
  CS 218 & COM 101
- *@CS 326 (3)
  PREREQUISITE
  CS 302 & (CS 219 OR
  CPE 300)
- *@CS 370 (3)
  PREREQUISITE
  CS 302 & (CS 219 OR
  CPE 300)
- *@MATH 351 (3)
  PREREQUISITE
  MATH 251

SPRING SEMESTER
- LAB SCI. ELECTIVE (4)
  NOTE: CHOOSE SEQUENCE
  BIOL 189/L & 197/L, OR
  CHEM 121A/L & 122A/L OR
  GEOL 101/D & GEOL 102/L
  OR PHYS 180/L & PHYS 181/L
- *@CS 456 (3)
  PREREQUISITE
  CS 302 & MATH 351
- *@CS 472 (3)
  PREREQUISITE
  CS 326 & CS 370
- *@STAT 411 (3)
  PREREQUISITE
  MATH 182
- *@ENG 407B (3)
  FREE ELECTIVE (3)

SENIOR YEAR

FALL SEMESTER
- *@#GEN. ED REQ. (3)
  SOCIAL SCIENCE
  (MULTI/INTL)
  NOTE: REFER TO THE 2017-
  18 UNIVERSITY CATALOG
- *@CS 460 (3)
  PREREQUISITE
  CS 326 & CS 456
- CS 400+ LEVEL
  ELECTIVE (3)
- CS 400+ LEVEL
  ELECTIVE (3)
- CS 400+ LEVEL
  ELECTIVE (3)
- CS 400+ LEVEL
  ELECTIVE (3)

SPRING SEMESTER
- *@#GEN. ED REQ. (3)
  SOCIAL SCIENCE
  (MULTI/INTL)
  NOTE: REFER TO THE 2017-
  18 UNIVERSITY CATALOG
- *@CS 477 (3)
  PREREQUISITE
  CS 302 AND MATH
  351
- CS 400+ LEVEL
  ELECTIVE (3)
- CS 400+ LEVEL
  ELECTIVE (3)
- CS 400+ LEVEL
  ELECTIVE (3)

* COURSE OFFERED IN FALL
@ COURSE OFFERED IN SPRING

# INDICATES COURSES OFFERED IN SUMMER
(SUBJECT TO CHANGE BASED ON DEPT. OFFERING)