# Prince Al-Hussein Bin Abdullah College of information technology

# Guidance plan of Bachelor Degree for Computer Information Systems students

<table>
<tr><td colspan="6"><strong>First year (preparatory)</strong></td></tr>
<tr><td colspan="3"><strong>First Term</strong></td><td colspan="3"><strong>Second Term</strong></td></tr>
<tr><td><strong>Course No.</strong></td><td><strong>Course Name</strong></td><td><strong>Credit hours</strong></td><td><strong>Course No.</strong></td><td><strong>Course Name</strong></td><td><strong>Credit hours</strong></td></tr>
<tr><td>-</td><td>University requirement</td><td>3</td><td>-</td><td>University requirement</td><td>3</td></tr>
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<tr><td>1009011</td><td>Computer (2) for the Faculty of Information Technology students</td><td>3</td><td>0904233</td><td rowspan="2">Principles of information systems</td><td>3</td></tr>
<tr><td rowspan="2">1109011</td><td rowspan="2">Computer lab (2) for the Faculty of Information Technology students</td><td rowspan="2">1</td><td>2100901</td><td>Object-oriented programming</td><td>3</td></tr>
<tr><td>2140901</td><td>Object-Oriented Programming Lab</td><td>1</td></tr>
<tr><td colspan="2"><strong>Total</strong></td><td><strong>13</strong></td><td colspan="2"><strong>Total</strong></td><td><strong>16</strong></td></tr>
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<tr><td colspan="6"><strong>Second year</strong></td></tr>
<tr><td colspan="3"><strong>First Term</strong></td><td colspan="3"><strong>Second Term</strong></td></tr>
<tr><td><strong>Course No.</strong></td><td><strong>Course Name</strong></td><td><strong>Credit hours</strong></td><td><strong>Course No.</strong></td><td><strong>Course Name</strong></td><td><strong>Credit hours</strong></td></tr>
<tr><td>-</td><td>University requirement</td><td>3</td><td>-</td><td>University requirement</td><td>3</td></tr>
<tr><td>-</td><td>University requirement</td><td>3</td><td>0902210</td><td>Programming in visual basic language</td><td>3</td></tr>
<tr><td>0401237</td><td>Probability and Statistics</td><td>3</td><td>0901240</td><td>Data structures</td><td>3</td></tr>
<tr><td>0901211</td><td>Programming in Java</td><td>3</td><td>0901325</td><td>Computer networks</td><td>3</td></tr>
<tr><td>0901200</td><td>Discrete mathematics</td><td>3</td><td>0902355</td><td>Human-computer interaction</td><td>3</td></tr>
<tr><td>0902201</td><td>Applied numerical methods</td><td>3</td><td>0904341</td><td>Systems analysis and design</td><td>3</td></tr>
<tr><td colspan="2"><strong>Total</strong></td><td><strong>18</strong></td><td colspan="2"><strong>Total</strong></td><td><strong>18</strong></td></tr>
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<tr><td colspan="6"><strong>Third year</strong></td></tr>
<tr><td colspan="3"><strong>First Term</strong></td><td colspan="3"><strong>Second Term</strong></td></tr>
<tr><td><strong>Course No.</strong></td><td><strong>Course Name</strong></td><td><strong>Credit hours</strong></td><td><strong>Course No.</strong></td><td><strong>Course Name</strong></td><td><strong>Credit hours</strong></td></tr>
<tr><td>-</td><td>Optional Department requirement</td><td>3</td><td>-</td><td>Optional Department requirement</td><td>3</td></tr>
<tr><td>0901330</td><td>Databases</td><td>3</td><td>0901332</td><td>Operating system</td><td>3</td></tr>
<tr><td>0901340</td><td>Algorithms analysis and design</td><td>3</td><td>0902333</td><td>Information retrieval</td><td>3</td></tr>
<tr><td>0902356</td><td>Computer network management</td><td>3</td><td>0901341</td><td>Software engineering</td><td>3</td></tr>
<tr><td>0902350</td><td>Web page design</td><td>3</td><td>0902371</td><td>Fundamentals of intelligent systems</td><td>3</td></tr>
<tr><td>0902354</td><td>Web design lab</td><td>1</td><td>0902352</td><td>Internet Application Development (1)</td><td>3</td></tr>
<tr><td colspan="2"><strong>Total</strong></td><td><strong>16</strong></td><td colspan="2"><strong>Total</strong></td><td><strong>18</strong></td></tr>
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<table>
<tr><td colspan="3"><strong>Summer Term</strong></td></tr>
<tr><td><strong>Course No.</strong></td><td><strong>Course Name</strong></td><td><strong>Credit hours</strong></td></tr>
<tr><td>0902498</td><td>Field Training</td><td>3</td></tr>
<tr><td colspan="2"><strong>Total</strong></td><td><strong>3</strong></td></tr>
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| Fourth year | | | | | |
|---|---|---|---|---|---|
| First Term | | | Second Term | | |
| Course No. | Course Name | Credit hours | Course No. | Course Name | Credit hours |
| - | Optional Department requirement | 3 | - | Optional Department requirement | 3 |
| 0902431 | Data warehouses | 3 | - | Free course | 3 |
| 0902450 | E-commerce and e-government | 3 | 0902432 | Data mining | 3 |
| 0902451 | Developing database applications | 3 | 0902452 | Internet Application Development (2) | 3 |
| 0902490 | graduation project | 3 | 0901460 | System and cyber security | 3 |
| Total | | 15 | Total | | 15 |