Advising Guide for BPS Concentrations

**Effective Fall 2005**

The requirements for the BPS major with a concentration in Accounting, Computer Technology,

E-Commerce, Leadership/Management, or Network Security consist of the following:

I General Education Requirements (Lower Division) 21 credits

II General Education Requirements (Upper Division) 9 credits

III Elective Credits 48\* credits

IV Concentration Courses 42\*\* credits

 Total: 120 **credits**

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|  ACROSS THE CURRICULUM REQUIREMENT |
| Writing Intensive (2 courses)* English Composition
* BPST 311
* BPST 312
* Other\_\_\_\_\_\_\_\_\_\_\_
 | Speaking Intensive (2 courses)* BPST 311
* BPST 312
* Other\_\_\_\_\_\_\_\_\_\_\_\_
 |
| I. GENERAL EDUCATION LOWER DIVISION | 21 CRS |
| English Competence GE1* 3 cr. composition course (writing intensive course)
* credit-by-examination (to include writing samples) evaluated by faculty
 | 3 credits |
| Sciences and Math GE2 (3 credits must be in Science) | 6 credits |
| * college-level math
* college algebra
* trigonometry
* calculus
 | * geometry
* natural science
* biology
* chemistry
 | * geology
* physics
* astronomy
 |
| Humanities GE3* art appreciation
* art history
* classics
* creative writing
* drama performance
 | * foreign languages
* history of drama
* history of film
* literature
 | * music appreciation
* music history
* philosophy (excluding logic)
* religion
 | 6 credits |
| Social Sciences GE4* anthropology
* economics
* geography
 | * history
* historic preservation
* linguistics
 | * political science
* psychology
* sociology
 | 6 credits |
| II. GENERAL EDUCATION UPPER DIVISION | **9 CRS** |
| Communication GE5* BPST 311 - Critical Thinking, Research, and Assessment

*(prereq: English Composition and BPST 308 or BPST 313) 3 credits** BPST 312 - Technical and Business Communication

 *(prereq: English Composition and BPST 308 or BPST 313)3 credits* | 6 credits |
| Statistics GE6* BPST 316 – Statistics for Managers ( 3 credits)
 | 3 credits |
| III. ELECTIVE CREDITS required for the following concentrations: Computer Technology, E-Commerce, Leadership/Management, and Network Security | **48 CRS** |
|  \***ELECTIVE CREDITS required for Accounting Concentration** | **45 CRS** |
| \*\*Accounting requires 45 credits to complete concentration requirements |
| Highly Recommended:Working knowledge of standard microcomputer software applications (word processing, spreadsheet, database) and the Internet. |  |

### ***Courses taken pass/fail*** can only be used for elective credit and such courses cannot be used to fulfill concentration, core or general education requirements.

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| IV. CONCENTRATION COURSES |
| **Accounting** | Leadership/Management |
| **Required Modules: (45 credits)** | **Required Modules: (24 credits)** |
| * **BPST 313** **(3 crs)** Prof. Assess.& Business Ethics

***Previously BPST 308 & BPST 309*** | * **BPST 313** **(3 crs)** Prof. Assess.& Business Ethics

***Previously BPST 308 & BPST 309*** |
| * **LRSP 331** **(3 crs)** Org. Behavior*cannot take if completed LRSP 301*
* **AND** **LRSP 343** **(3 crs)** Leadership, Theory, & Practice*cannot take if completed LRSP 301*

***Previously LRSP 301 (6 crs)*** | * **BPST 314** **(3 crs)** Bus. Legal Environment [*prereq: Eng Comp]*
 |
| * **LRSP 331 (3 crs)** Org. Behavior*cannot take if completed LRSP 301*
* **AND** **LRSP 343** **(3 crs)** Leadership, Theory, & Practice*cannot take if completed LRSP 301*

***Previously LRSP 301 (6 crs)*** |
| * **ACCT 201 (3 crs)** Acct. for Managers*cannot take if completed LRSP 302*

***Previously LRSP 302 (6 crs)*** |
| * **ACCT 201 (3 crs)** Acct. for Managers*cannot take if completed LRSP 302*
* **AND** an Elective **(3 crs)** \*

***Previously LRSP 302 (6 crs)*** |
| * **LRSP 306 (3 crs)** Econ. for Business*cannot take if completed LRSP 304*
* **AND** an Elective **(3 crs)\***

***Previously LRSP 304 (6 crs)*** |
| * **LRSP 460 (3 crs)** Leadership Strategy & Policy *[prereq: Enrolled in last 7-week session of degree program] cannot take if completed LRSP 461*
* **AND** an Elective **(3 crs)\***

***Previously LRSP 461 (6 crs)*** |
| * **LRSP 460 (3 crs)** Leadership Strategy & Policy *[prereq: Enrolled in last 7-week session of Degree Program] cannot take if completed LRSP 461*
* **AND** an Elective **(3 crs)\***

***Previously LRSP 461 (6 crs)*** |
| **Related Elective Modules: (Choose 18 credits)** |
| * **COMM 315 (3 crs)** Communication & Tech.

 *cannot take if completed COMM 310** **COMM 316 (3 crs)** Strategic Communications

 *cannot take if completed COMM 311* ***Previously COMM 310 (6 crs) or COMM 311 (6 crs)*** |
| * **ACCT 301** **(3 crs)** Intermediate Acct I *(prereq: ACCT 201)*
* **ACCT 302 (3 crs)** Intermediate Acct II *(prereq: ACCT 301)*
* **ACCT 303 (3 crs)** Bus. Law for Accountants *(prereq: Eng. Comp)*
* **ACCT 304 (3 crs)** Cost Acct *(prereq: ACCT 201)*
* **ACCT 305 (3 crs)** Intermediate Acct III *(prereq: ACCT 302)*
* **ACCT 460 (3 crs)** Auditing *(prereq: ACCT 302 AND BPST 316)*
* **ACCT 461 (3 crs)** Advanced. Acct *(prereq: ACCT 302)*
 |
| * **CIST 301** **(3 crs)** Bus. Info. Systems*cannot take if completed CTEC 301A*
* **AND** CIS Elective **(3 crs)\***

***Previously CTEC 301A (6 crs)*** |
| * **LRSP 344 (3 crs)** Financial Management*[prereq: ACCT 201] cannot take if completed LRSP 303]*
* **AND** an Elective **(3 crs)\***

***Previously LRSP 303 (6 crs)*** |
| **SEE CHART BELOW TO DETERMINE WHICH OF THE ABOVE ACCOUNTING COURSES WOULD APPLY TO YOUR PROGRAM.** |
| * **LRSP 306 (3 crs)** Econ. for Business*cannot take if completed LRSP 304*
* **AND** an Elective **(3 crs)\***

***Previously LRSP 304 (6 crs)*** |
| * **LRSP 305 (3 crs)** Public Sector Management
 |
| * If you have not completed the previous requirements before fall 2007: LRSP 302, ACCT 301, or ACCT 302 **(Total 12 crs)**

 ***Complete:*** ACCT 201, ACCT 301, ACCT 302, ACCT 305 **(Total 12 crs)*** If you have completed LRSP 302, but not ACCT 301 & ACCT 302 before fall 2007

 ***Complete:*** ACCT 302 & ACCT 305; ***do not complete*** ACCT 301* If you have completed LRSP 302 and ACCT 301, but not ACCT 302 before fall 2007:

***Complete:*** ACCT 305, ***do not complete*** ACCT 302***NOTE: All students*** in the Accounting concentration ***must complete****:*ACCT 201 ***previously LRSP 302***, ACCT 303, ACCT 304,ACCT 460, & ACCT 461  | * **ACCT 465 (3 crs)** Governmental & Non-profit Acct.*[prereq: ACCT 305] cannot take if completed LRSP 342*

***Previously LRSP 342 (3crs)*** |
| * **LRSP 412 (3 crs)** Marketing for Mangers*cannot take if completed LRSP 404*
* **AND** an Elective **(3 crs)\***

***Previously LRSP 404 (6 crs)*** |
| * **LRSP 406 (3 crs)** Human Resource Mgt*cannot take if completed LRSP 405*
* **AND** **LRSP 407** **(3 crs)** Employment Law [prereq: BPST 314] *cannot take if completed LRSP 405*
* ***Previously LRSP 405***
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| * **LRSP 499 (1-6 crs)** Internship
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| **\*See List on Page 4** |

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| **IV. CONCENTRATION COURSES continued** |
| **Computer Information Systems** | **Network Security** |
| **(previously Comp. Tech.)** Required Modules: **(24 credits)** | Required Modules: **(24 credits)** |
| * **BPST 313** **(3 crs)** Prof. Assess.& Business Ethics

***Previously BPST 308 & BPST 309*** | * **BPST 313** **(3 crs)** Prof. Assess.& Business Ethics

***Previously BPST 308 & BPST 309*** |
| * **BPST 314** **(3 crs)** Bus. Legal Environment *(prereq: Eng Comp)*
 | * **BPST 314** **(3 crs)** Bus. Legal Environment*(prereq: Eng Comp)*
 |
| * **CIST 404** **(3 crs)** Bus. Data Comm. *[prereq: CIST 299]* ***OR* CIST406** Data Comm. & Networking (prereq. CIST 299)
* **AND CIST 405** **(3 crs)** Comp. Networking *[prereq: CIST 299]* **OR CIST 440** Comp. Inf. Sec. **or permission of faculty advisor**

***Previously CTEC 404A (6 crs)*** |
| * **CIST 301** **(3 crs)** Bus. Info. Systems *cannot take if completed CTEC 301A*
* **AND CIS Elective** **(3 crs)\***

***Previously CTEC 301A (6 crs)*** |
| * **CIST 425** **(3 crs)** Sys. Anal. *[Prereq.CIST 299]*

 *cannot take if completed CTEC 425** **AND CIST 426** **(3 crs)**Managing Emerging Tech.*[Prereq.CIST 299] cannot take if completed CTEC 425*

***Previously CTEC 425 (6 crs) or CTEC 402 (crs)*** | * **CIST 425** **(3 crs)** Sys. Anal. *[prereq.CIST 299]*

 *cannot take if completed CTEC 425** **AND CIST 426 (3 crs)** Managing Emerging Tech**.** *[prereq.CIST 299] cannot take if completed CTEC 425*

***Previously CTEC 425 (6 crs) or CTEC 402 (crs)*** |
| * **CIST 461** **(3 crs)** Proj. Mgt for IT [*Prereq: 18 crs of CIST courses]*

 *cannot take if completed CTEC 461A** **AND** **CIST 490** **(3crs)** IT Research Project

[*Prereq: 18 crs of CIST courses]* ***Previously CTEC 461A (6 crs)*** | * **CIST 461** **(3 crs)** Proj. Mgt for IT [*prereq: 18 crs of CIST courses]*

 *cannot take if completed CTEC 461A** **AND** **CIST 490** **(3crs)** IT Research Project

[*prereq: 18 crs of CIST courses]****Previously CTEC 461A (6 crs)*** |
| **Related Elective Modules:** **(Choose 18 credits)** | ***Related NVCC Courses****: The 24 credit 200 level NVCC Network Security program will transfer to UMW as the equivalent of the 18 credit 300/400 level Network Security concentration requirement.* |
| * **COMM 315 (3 crs)** Communication & Tech.

 *cannot take if completed COMM 310** **COMM 316 (3 crs)** Strategic Communications

 *cannot take if completed COMM 311* ***Previously COMM 310 or COMM 311 (6 Crs)*** | * **ITN 260** Network Security Basics
* **ITN 261** Network Attacks, Computer Crime and Hacking
* **ITN 262** Network Communication, Security and Authentication
* **ITN 263** Internet-Intranet Firewalls and E-Commerce Security
* **ITN 266** Network Security Layers
* **ITN 267** Cyberlaw
* **ITN 293** Studies in Network – Capstone Course
 |
| * **CIST 302 (3 crs)** Visual Programming *[Prereq: CIST 299; cannot take if comp. CTEC 302]* **OR CIST304 Comp Inf. Sys. Prog I (prereq. CIST299)**

**AND CIST 303** **(3crs)** Obj. Oriented App. in Bus. **OR CIST305 Com. Inf. Sys. Prog. II (prereq. CIST299, 304)** *cannot take if completed CTEC 302* |
| **E-Commerce** Required Modules: **(42 credits)** |
| * **BPST 313** **(3 crs)** Prof. Assess.& Business Ethics
* ***Previously BPST 308 & BPST 309***
 |
| * **CTEC 303A** **(6 crs)** Data Structures & Obj. Oriented Prog.

*(no longer offered)* |
| * **BPST 314** **(3 crs)** Bus. Legal Environment*(prereq: Eng Comp)*
 |
| * **CIST 325** **(3 crs)** Information Security [*cannot take if completed CTEC 325]* ***OR* CTEC440 Comp. Inf. Security**
* **AND CIS Elective** **(3 crs)**

***Previously CTEC 325 (6 crs)*** |
| * **CIST 301** **(3 crs)** Bus. Info. Systems

 *cannot take if completed CTEC 301A** **AND CIS Elective** **(3 crs)\***

***Previously CTEC 301A (6 crs)*** |
| * **CIST 401** **(3 crs)** Database Systems *[Prereq: CIST 299]*

*cannot take if completed CTEC 401A** **AND** **CIS Elective** **(3 crs)\***

***Previously CTEC 401A (6 crs)*** |
| * **CIST 401** **(3 crs)** Database Systems *[prereq: CIST 299]*

*cannot take if completed CTEC 401A** **AND CIS Elective** **(3 crs)\***

***Previously CTEC 401A (6 crs)*** |
| * **CIST 404** **(3 crs)** Bus. Data Comm. *[Prereq: CIST 299; cannot take if completed CTEC 404A]* **OR CIST406 Data Com & Networking (prereq. CIST299)**
* **AND CIST 405** **(3 crs)** Comp. Networking *[Prereq: CIST 299; cannot take if completed CTEC 404A]* **OR CIST406 Data Com & Networking (prereq. CIST299) or permission of fac. advisor**

***Previously CTEC 404A (6 crs)*** |
| * **CIST 404** **(3 crs)** Bus. Data Comm. *[prereq: CIST 299]*

*cannot take if completed CTEC 404A** **AND CIST 405** **(3 crs)** Comp. Networking *[prereq: CIST 299]cannot take if completed CTEC 404A*

***Previously CTEC 404A (6 crs)*** |
| * **LRSP 331** **(3 crs)** Org. Behavior

*cannot take if completed LRSP 301** **AND** **LRSP 343** **(3 crs)** Leadership, Theory, & Practice

*cannot take if completed LRSP 301* ***Previously LRSP 301 (6 crs)*** |
| * **ACCT 201** **(3 crs)** Acct. for Mgrs *cannot take if completed LRSP 302*
* AND an Elective **(3 crs)\***

***Previously LRSP 302 (6 crs)*** |
| * **ACCT 201** **(3 crs)** Acct. for Managers

*cannot take if completed LRSP 302** **AND** **an Elective (3 crs)\***

***Previously LRSP 302 (6 crs)*** | * **LRSP 344 (3 crs)** Financial Management [prereq: ACCT 201]*cannot take if completed LRSP 303*
* **AND an Elective** **(3 crs)\***

***Previously LRSP 303 (6 crs)*** |
| * **CIST 471** **(1-6crs)** Special Topics *[Prereq: Topic Dependant]****Previously CTEC 471 (3-6crs)***
 | * **CIST 461** **(3 crs)** Proj. Mgt for IT [p*rereq: 18 crs of CIST courses]*

 *cannot take if completed CTEC 461A/462A** **AND** **CIST 490** **(3crs)** IT Research Project[*prereq: 18 crs of CIST courses]*

***Previously CTEC 461A (6 crs) or 462A (6 crs)*** |
| * **CIST 499 (1-6crs)** Internship*[Prereq: Approval from PEN Dir. Prog. Dir.]****Previously CTEC 499 (3-6 crs)***
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| **\*See List on Page 4** |

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| **\*Electives to Take if Additional *CIST* Concentration Credits are Needed:** | **\*Electives to Take if Additional *ACCT* Concentration Credits are Needed:** | **\*Electives to Take if Additional *LRSP* Concentration Credits are Needed:** |
| **Any CIST course not being used to satisfy another requirement****COMM 315**  Communication and Technology**COMM 316** Strategic Communications  **COMM 317** Corporate Interpersonal Communication**LRSP XXX** Any 3-credit LRSP course**ACCT XXX** Any 3-credit ACCT course | **ACCT 450** Forensic Accounting**ACCT 465** Governmental & Non-Profit Accounting**CIST XXX** Any 3-credit CIST course**COMM 315**  Communication and Technology**COMM 316** Strategic Communications **COMM 317** Corporate Interpersonal Communication**LRSP 305** Public Sector Management**LRSP 311** The Management Process**LRSP 344** Financial Management**LRSP 406** Human Resource Management**LRSP 412**  Marketing for Managers**LRSP 435** Leadership, Innovation & Creativity**LRSP 434** International Management | **ACCT 301** Intermediate Accounting I **ACCT 302**  Intermediate Accounting II **ACCT 303**  Business Law for Accountants**ACCT 304** Cost Accounting **ACCT 305** Intermediate Accounting III**ACCT 450** Forensic Accounting**ACCT 460**  Auditing **ACCT 461**  Advanced Accounting**CIST XXX** Any 3-credit CIST course**COMM 315**  Communication and Technology**COMM 316** Strategic Communications **COMM 317** Corporate Interpersonal Communication**LRSP 311** The Management Process**LRSP 433**  Production/Operations Management**LRSP 434** International Management **LRSP 435**  Leadership, Innovation and Creativity |
| ***PLEASE NOTE !!******Concentration Course Equivalents*** *–Transfer courses comparable to the BPS concentration courses must be completed within six years of a student’s official program admission date to be considered equivalent.* |