

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**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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.

|  |  |
| --- | --- |
| 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*** |
| * **LRSP 499 (1-6 crs)** Internship |
| **\*See List on Page 4** | |

|  |  |
| --- | --- |
| **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)*** |
| **\*See List on Page 4** | |

|  |  |  |
| --- | --- | --- |
| **\*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.* | | |