

Program Requirements for Computer Programming B.P.S.

<p>Liberal Arts Core (30 Credits)</p> <p>Writing (6)</p> <ul style="list-style-type: none">• WRT 105 Practices of Academic Writing• WRT 205 Critical Research and Writing <p>Quantitative Skills (8)</p> <p>Math sequence from LA Core Guidebook</p> <p>Humanities (6)</p> <ul style="list-style-type: none">• Course from LA Core Guidebook• Course from LA Core Guidebook <p>Social Science (6)</p> <ul style="list-style-type: none">• Course from LA Core Guidebook• Course from LA Core Guidebook <p>Natural Science (4)</p> <ul style="list-style-type: none">• Course from LA Core Guidebook <p>Students are required to select one Liberal Arts Core Course that meets the IDEA requirement</p>	<p>Professional Competencies Core (30 credits)</p> <p>Required (6)</p> <ul style="list-style-type: none">• BPS 144 Orange Immersion (2)• BPS 211 Introduction to Professional Studies• BPS 411 Senior Seminar (3)• FYS 101 First year Seminar (1) <p>Choose 7 of the Following (21)</p> <ul style="list-style-type: none">• BPS 303 Intro to Change Management• BPS 315 Practical Financial Management• BPS 317 Assertiveness in the Workplace• BPS 319 Global Leadership• BPS 321 Rhetorical Awareness• BPS 325 Creative and Design Thinking for Professional Studies• BPS 335 Conflict in Business & Management• BPS 382 Leading Cooperative Negotiation• CYB 323 Intro to Information Security for Professional Studies• PPM 301 Foundations of Project Management• PPM 325 - Project Communications and Stakeholder Management
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Professional Concentration (Major – 48 credits)

- SCP 103 – Introduction to Computing Systems
- SCP 220 - Basic Principals of Computer Programming
- SCP 250 – Introduction to Unix Programming Environment
- SCP 282 – System Software Design for Professionals
- SCP 285 – Object Orientated Programming
- SCP 305 – Database Management
- SCP 350 – Introduction to HTML/CSS
- SCP 351 – Data Structures for Application Programming Professionals
- SCP 355 – Introduction to Javascript/jQuery
- SCP 405 – Programming in C++ - Part I
- SCP 415 – Programming in C ++ - Part II
- SCP 420 – Web Application and Design
- SCP 444 – Programming for iOS
- SCP 450 – Programming for Android
- SCP 451 – Programming in Java
- SCP 483 – C# (C Sharp) and Windows Programming

ELECTIVES

**12 Credits (or as many needed to reach
120 credits)**