

AAS WEB DATABASE DEVELOPER ADVISING SHEET

Highline’s Web/Database Developer program equips you with the practical skills you need to develop interactive, data-driven websites for small to mid-size businesses. Students will apply current Web tools and technologies to business problems to create professional solutions.

Students seeking a particular skill-set may complete one or more of the certificates shown below. To earn an AAS Degree in Web/Database Developer, students will complete all four certificates.

Client Side Scripting Certificate (26 credits)	
CSCI 102	Intro to Web Development <i>Fa, W, Sp, Su</i>
CSCI 202	Web Development II <i>Spr, Fa*</i>
CSCI 212	Web Development w/ Javascript <i>W</i>
CSCI 201	CMS Featuring WordPress <i>W</i>
CSCI 112	Animation with Scripting <i>Fa, W, Sp, Su</i>
CIS 140	Internship (1 cr)

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General Requirements	
ENGL& 101	English Composition I
MATH& 141 ** <i>or Math& 146 **</i> <i>or PHIL& 120</i>	Pre-Calculus Statistics Symbolic Logic
BUSN 160	Human/Labor Relations

Server Side Scripting Certificate (26 credits)	
CSCI 131	Python <i>Fa, W, Sp, Su</i>
CSCI 116	Web/Database Programming I <i>Fa, Wi, Sp</i>
CIS 218	Database Programming & SQL <i>Fa, Sp</i>
CSCI 215	Web/Database Programming II <i>W</i>
CSCI 216	Web/Database Capstone <i>Sp</i>

** Students transferring to CWU (BAS-ITAM) or students transferring to HC’s BAS in Cybersecurity are required to take Math& 146.

Electives (25 credits)	
Electives	Refer below
CIS 140	Internship (1cr)

AAS Degree: 93 credits TOTAL

For more information, contact:

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Web/Database Electives

With the assistance of your academic advisor, select 25 credits of electives from the *one or more* of the following emphasis areas, or in another related area of interest.

<i>CWU BAS Transfer</i>
<ul style="list-style-type: none">• BUSN 125 – Exploring E-Commerce
<ul style="list-style-type: none">• PHIL& 120 – Elementary Symbolic Logic
<ul style="list-style-type: none">• ENGL 205 – Research and Persuasive Writing
<i>Programming/Scripting</i>
<ul style="list-style-type: none">• CSCI 142 – Intro to OOP w/Java
<ul style="list-style-type: none">• CSCI 143 – Java II Data Structures
<i>Others</i>
<ul style="list-style-type: none">• CIS 215 Intro to UNIX/Linux
<ul style="list-style-type: none">• VICOM 230 – Photoshop I
<ul style="list-style-type: none">• CIS 113 – Introduction to 3D Graphics

<i>Mobile App Development & Gaming</i>
<ul style="list-style-type: none">• CSCI 121 - Mobile Gaming I
<ul style="list-style-type: none">• CSCI 221 - Mobile App Dev
<i>Highline BAS in Cybersecurity</i>
<ul style="list-style-type: none">• CIS 150 – OS & Hardware Fundamentals
<ul style="list-style-type: none">• CIS 160 – Intro to Networks
<ul style="list-style-type: none">• CIS 161 – Local Area Networks
<ul style="list-style-type: none">• CIS 155 Intro to Data Recovery
<ul style="list-style-type: none">• CIS 166 Networking Intrusion Detection

<i>Introductory</i>
<ul style="list-style-type: none">• CSCI 100 Survey of Computing
<i>Others</i>
<ul style="list-style-type: none">• CIS 190 Intro to Cyber Design (1 – 5 credits)