

COMPUTER SCIENCE 2009-2010

Associate of Science
Highline Community College

This Worksheet is not intended as a substitute for meeting with your faculty Advisor.
For advising help, visit <http://flightline.highline.edu/cis> or contact a CSCI/CIS Advisor.

<u>Courses Required For A.S. Degree</u>	20 credits	<u>Planned Qtr/Year</u>
<input type="checkbox"/> English& 101	(5 credits) Principles of Writing	_____
<input type="checkbox"/> Math& 151	(5 credits) Calculus	_____
<input type="checkbox"/> Math& 152	(5 credits) Calculus II	_____
<input type="checkbox"/> Math& 153	(5 credits) Calculus III	_____

<u>Pre-Major Program</u>	40 credits	<u>Planned Qtr/Year</u>
CSCI 142	(5 credits) Obj Oriented Programming I	_____
CSCI 143	(5 credits) Objected Oriented Programming II	_____
CSCI 151	(5 credits) Exploring Com Science w/ C++	_____
CSCI 152	(5 credits) Data Structures w/C++ and .NET	_____
Chem& 161	(5 credits) General Chemistry I	_____
Phys 201	(5 credits) Mechanics	_____
Phys 202	(5 credits) Electricity/Magnetism	_____
Phys 203	(5 credits) Waves and Modern Topics	_____

<u>Humanities/Social Science Distribution</u>	15 credits	<u>Planned Qtr/Year</u>
<input type="checkbox"/> Humanities	(5 credits) (suggested: English&143 or 205)	_____
<input type="checkbox"/> Social Science	(5 credits)	_____
<input type="checkbox"/> Humanities or Social Science	(5 credits)	_____

Electives **15 credits**

*15 credits of college level courses must be pre-approved by your faculty advisor.
Please note: Baccalaureate Computer Science degrees vary significantly from
university to university. Not all classes listed transfer to all universities and
programs.*

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|-----------|------|--------------------------------------|
| Math& 254 | 5 cr | Calculus |
| Math& 146 | 5 cr | Statistics |
| Math 230 | 5 cr | Differential Equations |
| CSCI 252 | 5 cr | Advanced Data Structures /w C++ |
| CSCI 255 | 5 cr | Advanced Programming /w C++ |
| CSCI 242 | 5 cr | Object-Oriented Programming III Java |
| CSCI 115 | 5 cr | Programming /w VB.NET I |
| CSCI 116 | 5 cr | Web/Database Programming I |
| CSCI 215 | 5 cr | Web/Database Programming II |
| CSCI 216 | 5 cr | Web/Database Programming III |
| CSCI 100 | 5 cr | Survey of Computing |
| CSCI 102 | 5 cr | Introduction to Web Development |
| CSCI 110 | 5 cr | Computer Games |
| CSCI 212 | 5 cr | Web Page Development /w scripting |

With the help of your faculty advisor, use the area below to plan your classes. Some classes are only offered once each year. Check for prerequisites for all classes.

FALL	WINTER	SPRING	SUMMER

FALL	WINTER	SPRING	SUMMER

FALL	WINTER	SPRING	SUMMER

Advisor/Student notes:

Advisor Name _____ Advisor email _____ Advisor ext. _____

Check with the four year university where you plan to transfer about course requirements and GPA admissions standards.

Social Sciences and Humanities Distribution Courses for AS Degree

Humanities

Arabic 123

Art&100

Art 101-103, 105, 110, 111-115,
120, 124, 125-126, 130, 131, 134, 137,
142, 150, 155, 171-173,181

ASL & 123

Communication Studies& 101, 102, 210, 220, 230; Communication Studies 200, 205

Chinese& 123, 221, 222, 223

DGS 115, 118, 155, 175

Drama& 101;

Drama 102, 103, 105, 110, 111, 115,

118, 121-122, 131-133, 135, 138, 160, 170, 221, 222, 225, 235, 250, 260, 270, 280

English& 111, 112, 113, 220, 226, 227, 235, 244, 245, 246, 254;

English 115, 121,122, 134, 145, 200, 201, 205, 211, 220, 234, 247, 257, 265

Film Studies 105, 107, 108, 205, 207

French& 123

Honors 100, 101, 299

Humanities& 116, 117, 118;

Humanities 100, 101, 103, 104, 105, 110, 120, 125, 185, 250

Japanese& 123, 221, 222, 223

Journalism 101, 201, 202, 203

Music& 105, 121, 122, 123, 131, 132, 133, 231, 232, 233: Music 100, 104, 105, 106, 107, 109,
110, 112, 116-118, 125, 126, 127, 128, 130, 134, 142, 150, 161, 170-175, 181, 182, 183, 185-
187, 204-206, 210-215, 231-233, 281-285

Philosophy& 101; Philosophy 110, 115, 130, 145, 150, 155, 160, 200

Spanish& 123, 221, 222, 223

**A student who has successfully completed two years of one foreign language in High School or its college equivalent may receive distribution for 121 or 122 in a different foreign language.

Social Sciences

Anthropology& 100, 104, 125, 204, 206, 207, 229, 234,

DGS 110, 136, 137, 160, 165, 186, 200, 205, 206

Economics& 201, 202; Economics 110, 221

Geography 100, 120, 160, 200, 205, 207, 250

History& 116, 117, 118, 146, 147, 148, 214; History 115, 120, 125, 131,

132, 133, 135, 148, 160, 175, 208, 235, 251, 252, 260

Political Science& 200, 202, 204; Political Science 110, 125, 135, 150, 160, 170, 180, 185, 186,
190, 201

Psychology& 100, 200, 220; Psychology 120, 125, 130, 152, 202, 205, 210, 250

Sociology& 101, 201: Sociology 115, 130, 200, 210

Guidelines for completion of AS degree.

1. Degree can not include more than 5 credits from "Restricted" area classes including Professional/Technical degree classes, Cooperative Education or CLEP classes, or study skills or career exploration classes. If you have questions, consult your faculty advisor.
2. Electives must be pre-approved by your faculty advisor and can not be altered without your faculty advisor approval.
3. A minimum cumulative GPA of 2.00 is required for graduation. Ninety credits numbered over 100 are required and 23 of your 90 credits of your AS degree must be earned from Highline Community College.
4. Students are encouraged to take all Math and Science sequences at one institution.
5. To best prepare for your transfer, it is strongly recommended that you work closely with your faculty advisor.