

Associate in Applied Science – Information Technology (AASIT) – Computer Programming – (ITPRO) + WMPCC Certificates

Completed by: Jayson, 10/2022

Full-Time Program Map

Year 1

Quarter 1

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1003	Problem Solving and Programming Logic	4.5	FA, WI, SP, SS	
Gen Ed.	Communication	4.5	FA, WI, SP, SS	Student Choice
INFO 1002	Introduction to Information Technology	4.5	FA, WI, SP, SS	INFO Core

Additional Notes:

Quarter 2

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
Gen. Ed.	Quantitative/Numeracy Skills	4.5	FA, WI, SP, SS	Student Choice
INFO 1000	Workplace Skills for IT Professionals	4.5	FA, WI, SP, SS	INFO Core
INFO 1526	C# Programming I	4.5	FA, SP	Students must take the C# pair of classes for this degree

Additional Notes:

Quarter 3

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1536	C# Programming II	4.5	WI, SS	Students must take the C# pair of classes for this degree
INFO 2341	Fundamentals of Software Testing	4.5	FA, WI, SP, SS	
Gen. Ed.	Critical Thinking/Creativity & Social ...	4.5	FA, WI, SP, SS	Student Choice

Additional Notes:

Quarter 4

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1521	Java Programming I	4.5	FA, WI, SP, SS	Students must take the Java pair of classes for this degree

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1335	Software Engineering Foundations	4.5	FA, SP	
INFO 1311 or INFO 2323	Web Page Creation or 2D Game Programming	4.5	FA, WI, SP, SS	See note #1

Additional Notes: #1). Either INFO 1311 or INFO 2323 may be taken as a prerequisite to downstream web programming courses.

Year 2

Quarter 5

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1531	Java Programming II	4.5	FA, WI, SP, SS	See notes #1 & #2
INFO 2124	JavaScript	4.5	FA, WI, SP, SS	
Gen. Ed.	Scientific Inquiry	4.5	FA, WI, SP, SS	See note #3

Additional Notes: #1). Apply for ITPRO.

#2). Student must take the Java pair of classes for this degree.

#3). The student may choose any general education course within the scientific inquiry category.

Quarter 6

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1541 or INFO 1546	Java III or C# (C-Sharp) III	4.5	FA, WI, SP, SS	See note #1
INFO 1134	React Web App. Development	4.5	FA, WI, SP, SS	
Gen. Ed.	Professionalism/Life Skills/Info. Lit.	4.5	FA, WI, SP, SS	See note #2

Additional Notes: #1). Student should have completed Java I and Java II as well as C# I and C# II. At this point, the student must decide on what back-end technology they wish to explore.

#2). The student may choose any general education course within the Professionalism/Life Skills/Info. Literacy category.

Quarter 7

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 2589	TypeScript Web App. Development	4.5	FA, WI, SP, SS	
INFO 2134	React Native Mobile Development	4.5	FA, WI, SP, SS	
		9		See note #1

Additional Notes: #1). Students are strongly advised against completing 13.5 credit hours in Quarter 7, since the quarter is strongly focused on applied programming. While two programming courses are recommended in Quarter 7, there is overlap between elements of the two applied languages recommended during the quarter (TypeScript is a superset of JavaScript; TypeScript can be used in React development). INFO 2439 is substantially different in terms of the language being taught (Dart) and a completely different framework. Thus, the recommendation is that students consider completing INFO 2439 in Quarter 8, rather than in Quarter 7.

Quarter 8

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 2439	Flutter Mobile App. Development	4.5	FA, WI, SP, SS	

Additional Notes:

Part-Time Program Map

Year 1

Quarter 1

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1003	Problem Solving and Programming Logic	4.5	FA, WI, SP, SS	
Gen. Ed.	Communication	4.5	FA, WI, SP, SS	Student Choice

Additional Notes:

Quarter 2

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1002	Introduction to Information Technology	4.5	FA, WI, SP, SS	INFO Core
Gen. Ed.	Quantitative/Numeracy Skills	4.5	FA, WI, SP, SS	Student Choice

Additional Notes:

Quarter 3

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1335	Software Engineering Foundations	4.5	FA, SP	
INFO 1526	C# Programming I	4.5	FA, SP	Students must take the C# pair of classes for this degree

Additional Notes:

Quarter 4

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1536	C# Programming II	4.5	WI, SS	Students must take the C# pair of classes for this degree
INFO 1000	Workplace Skills for IT Professionals	4.5	FA, WI, SP, SS	INFO Core

Additional Notes:

Year 2

Quarter 5

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
Gen. Ed.	Critical Thinking/Creativity & Social ...	4.5	FA, WI, SP, SS	Student Choice
INFO 2341	Fundamentals of Software Testing	4.5	FA, WI, SP, SS	

Additional Notes:

Quarter 6

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
Gen. Ed.	Professionalism/Life Skills/Info. Lit.	4.5	FA, WI, SP, SS	See note #1
INFO 1521	Java Programming I	4.5	FA, WI, SP, SS	Students must take the Java pair of classes for this degree

Additional Notes: #1). The student may choose any general education course within the Professionalism/Life Skills/Info. Literacy category.

Quarter 7

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1531	Java Programming II	4.5	FA, WI, SP, SS	See notes #1 & #2
INFO 1311 or INFO 2323	Web Page Creation or 2D Game Programming	4.5	FA, WI, SP, SS	See note #3

Additional Notes: #1). Apply for ITPRO

#2). Student must take the Java pair of classes for this degree.

#3). Either INFO 1311 or INFO 2323 may be taken as a prerequisite to downstream web programming courses.

Quarter 8

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 2124	JavaScript	4.5	FA, WI, SP, SS	
Gen. Ed.	Scientific Inquiry	4.5	FA, WI, SP, SS	See note #1

Additional Notes: #1). The student may choose any general education course within the scientific inquiry category.

Year 3

Quarter 9

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 1541 or INFO 1546	Java III or C# (C-Sharp) III	4.5	FA, WI, SP, SS	See note #1
INFO 1134	React Web App. Development	4.5	FA, WI, SP, SS	

Additional Notes: #1). Student should have completed Java I and Java II as well as C# I and C# II. At this point, the student must decide on what back-end technology they wish to explore.

Quarter 10

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 2589	TypeScript Web App. Development	4.5	FA, WI, SP, SS	
INFO 2134	React Native Mobile Development	4.5	FA, WI, SP, SS	

Additional Notes:

Quarter 11

Course Prefix/Number	Course Title	Credit Hours	Guaranteed Quarters This Course Will Be Offered	Advising Notes (Specific to this course)
INFO 2439	Flutter Mobile App. Development	4.5	FA, WI, SP, SS	

Additional Notes: