

Applied Computing (AC)
Planning Worksheet 2022-2023

<u>Applied Computing Website</u>

Prerequisite Courses:  STMATH 124 Calculus I (NSc)  *CSS 142/CSSSKL 142 Fund. Of Computing (NSc)  *CSS 143/CSSSKL 143 Programming Methodology (NSc)  B WRIT 134 Composition or B WRIT 132 & 133 Comp. Stretch I & II  B WRIT 135 Research Writing			
CSS 107, CSS 101, or BIS 111 before CSS 142 is highly recommended for students with no exposure to programming concepts. We also offer a limited experience section of CSS 142, typically offered in Autumn and Winter, for students who have some understanding of coding. A self-assessment is available here: TINYURL.COM/EVAL-142			
* A minimum 2.7 grade in CSS 142 is required to advance to CSS 143.			
General Education and Areas of Inquiry (+ courses are prerequisites to major courses)			
Writing Requirement – 15 credits		Natural Sciences (NSc) – 15 credits	
☐ +B WRIT 134 Composition or B WRIT 132/133		+ST MATH 124 Calculus I	
☐ +B WRIT 135 Research Writing		☐ +C\$\$ 142/ C\$\$\$KL 142 Fund. Of Computing	
CSS 301 Technical Writing (taken in major)		☐ +C\$\$ 143/ C\$\$\$KL 143 Fund. Of Computing	
Arts & Humanities (A&H) – 15 credits		Social Sciences (SSc) – 15 credits	
☐ Course:		☐ Course:	
☐ Course:		☐ Course:	
Course:		☐ Course:	
Reasoning (RSN) – 5 credits		Diversity (DIV) – 3 credits	
Statistics (BBUS 215, BMATH 215, or BIS 215)		☐ Course:	
☐ General Electives or Other Courses			
A W Sp Su 20_	A W Sp Su 20_	A W Sp Su 20	A W Sp Su 20_
Course/Requirement	Course/Requirement	Course/Requirement	Course/Requirement
1	1	1	1
2	2	2	2
3	3	3	3
(4)	(4)	(4)	(4)

# **Applying to Applied Computing (AC)**

### How to apply:

- Complete the application using your UW NET ID at <a href="https://admissions.uwb.edu/apply/">https://admissions.uwb.edu/apply/</a>.
- Write a Personal Statement. Review the writing prompt and statement tips at <a href="https://www.uwb.edu/css/admission/personal-statement">https://www.uwb.edu/css/admission/personal-statement</a>.
- Ensure the Office of Admissions has official transcripts for courses taken elsewhere.
- Include a resume. This is optional, but encouraged.
- Current UWB students are encouraged to email the department directly with questions regarding admissions review and final decision: <a href="mailto:cssadv@uw.edu">cssadv@uw.edu</a>.

Application deadlines: See website for dates.

# Number of in-progress prerequisites at the time of application submission:

- Applicants with prerequisites in progress will not be considered.
- Internal applicants may use "S" grades in prerequisite courses, if the prerequisite course was taken during an extraordinary circumstance quarter: Spring 2020 through Summer 2021, and Winter 2022. These courses also will count as the prerequisites for other courses, even if the other course would normally require a minimum numerical grade.

# Competitive applicants:

- Have a competitive GPA, generally a 3.3 or above in most or all prerequisite courses.
- Have overall college-level grades that improve over time.
- Have a strong personal statement that showcases their unique interest in our curriculum, second discipline interest, and a commitment to diversity, equity, and inclusion.

#### Is it helpful to repeat classes?

Multiple retakes are not encouraged. Grades upon retake need to be substantially higher.

# Other helpful information

- The Bachelor of Arts in Applied Computing (AC) is a multidisciplinary degree that allows students to become experts in integrating computer technology with a second discipline. This degree is designed specifically to build in-depth, well-rounded knowledge as both a computing professional and in an area of specialized interest.
- Second discipline
  - o Is outside of the CS academic discipline
  - o Students complete an official minor through any UW campus **or** a custom cluster of courses (10cr at the 100+ level, and 15cr at the 300+ level). Custom clusters require an approved contract.
  - o Encourages interdisciplinary thinking and problem solving
- <u>Capstone, CSS 496</u>, involves synthesizing your computing knowledge and second discipline knowledge. It will help you demonstrate your knowledge and abilities to potential employers.