



NATIONAL ALLIANCE OF
CONCURRENT ENROLLMENT
PARTNERSHIPS

Discovery Series
University of Wisconsin Oshkosh
Innovative Collaboration
‘1+3’...The Three Year Bachelor’s

November 10, 2017

CAPPTM

Cooperative • Academic • Partnership • Program



Convenient. Challenging. Affordable.

UW Oshkosh: Innovative Collaboration
'1+3'...The Three Year Bachelor's
Degree Promise

uwosh.edu/capp

UNIVERSITY OF
WISCONSIN

OSHKOSH

Presenters:



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The CAPP Story in brief

UW Oshkosh

- Founded in 1871
- Research-enhanced comprehensive university
- 10,000 on campus students

CAPP

- 42 year program
- Housed in COLS
- Run by our 29 academic departments
- Original NACEP member
- 3.2 human FTEs run the program

CAPP Factoids

- 85 courses offered
- 105 high schools (ish)
- 4000+ students
- 25,000 credits projected in 2017-2018
- HLC compliant (300+ adjuncts)

Fond du Lac High School

- 13 out of 15 schools exceeds or significantly exceeds expectations on state report cards
- Circa 2100 students (among 10 largest in WI)
- Mascot: Cardinal
- 13 dual credit courses (50+ credits) from CAPP
- Class of 2017, nearly 300 senior students combined to earn college credits through UW Oshkosh, MPTC, and UW-FDL.

WHY a 3-year “IT” degree?



Governor Walker's angle

- Workforce needs
- Decrease cost of degree
- Decrease time to degree



UW System President Ray Cross's view

- Flexibility of UW System
- Response time to meet pending crisis in IT
- Cost control for IT degrees



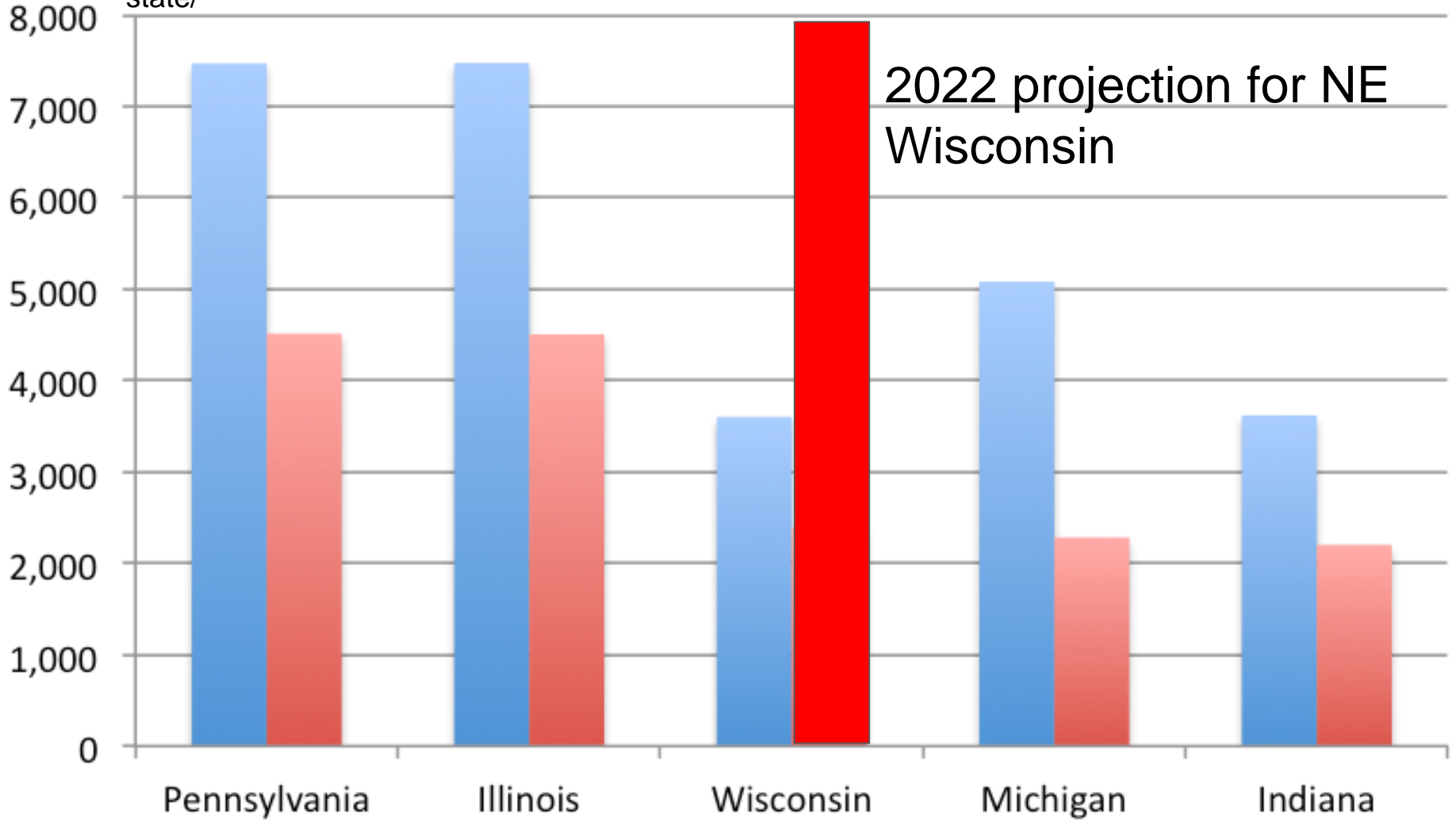
Chancellor Leavitt's take

- Fulfill the needs of the NEW IT Alliance and NEW Chambers of Commerce, as supporters of UW Oshkosh
- Take the lead in UW System for the 1+3 (advertising, student measurables, tuition income)

It Supply & Demand: Largest Surpluses

■ 2011 Completers in Relevant Programs ■ 2012 Estimated IT Annual Openings

Source: <http://www.economicmodeling.com/2012/09/26/an-it-worker-shortage-it-depends-on-the-state/>



2022 projection for NE Wisconsin

The Role of a \$900,000 UW System Grant

1. Pay for Master's Degrees in Computer Science for teachers
2. Defray the cost of Computer Science 221 (3 credits) course for students
3. Fund outreach events in high school and middle school to increase interest in IT
 - a. "Girls Who Code"
 - b. Women in Technology (W.I.T.)
 - c. STEM Outreach events at UW Oshkosh

“IT student pipeline!?”



The CAPP Office task: “How to turn a 4-year, research enhanced, regional comprehensive university into a 3-year school for IT?”

1+3 feasibility on campus (Comp Sci/IS)

Identify potential HS partner schools

Work with Academic Advising on Computer Science and Information Systems pathways

Roll out the platform at partner schools, actively create more 1+3 partner schools

Build contracts for students/guardians

Model for other UW System partners (“coopertition” or “comperation”)

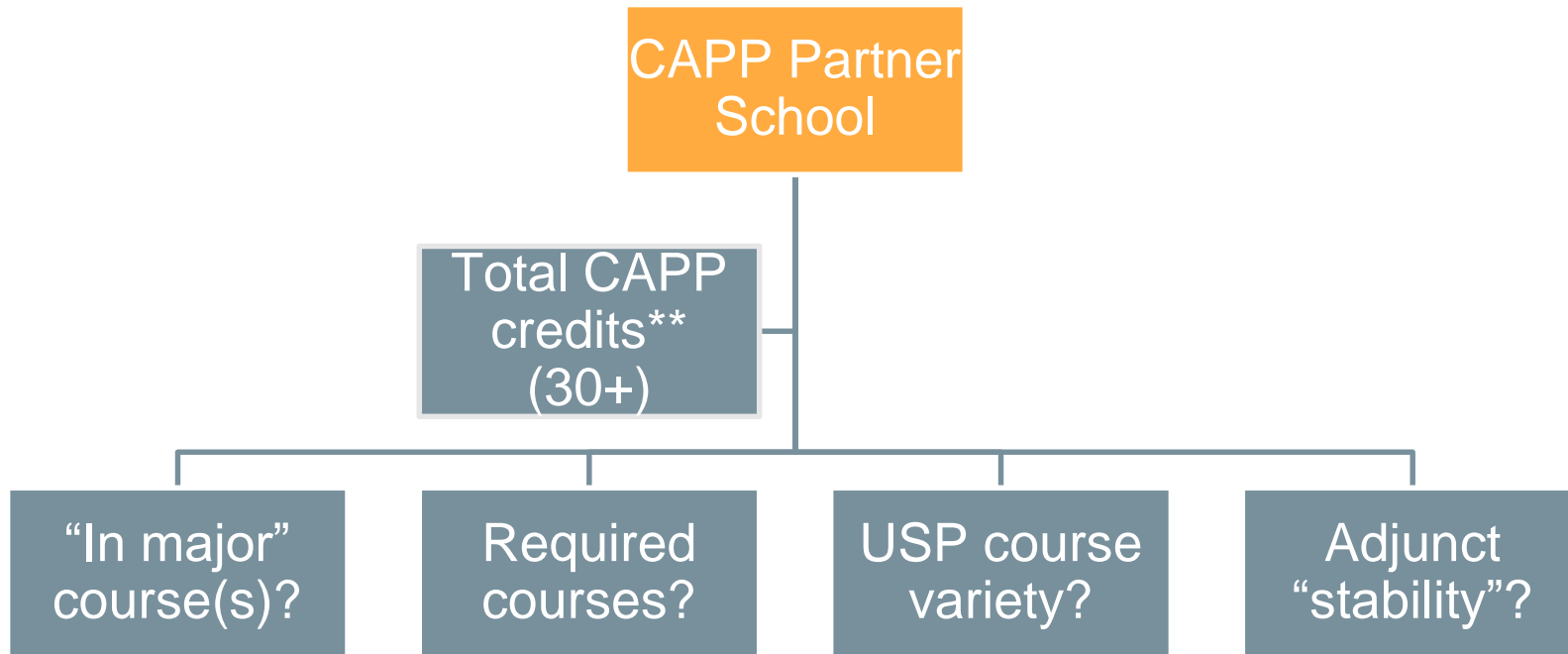
Step 1: On campus feasibility

Meet with CS/IS professors and chairs....courses offered (timing, availability, etc.)

Take information to Academic Advising for approval

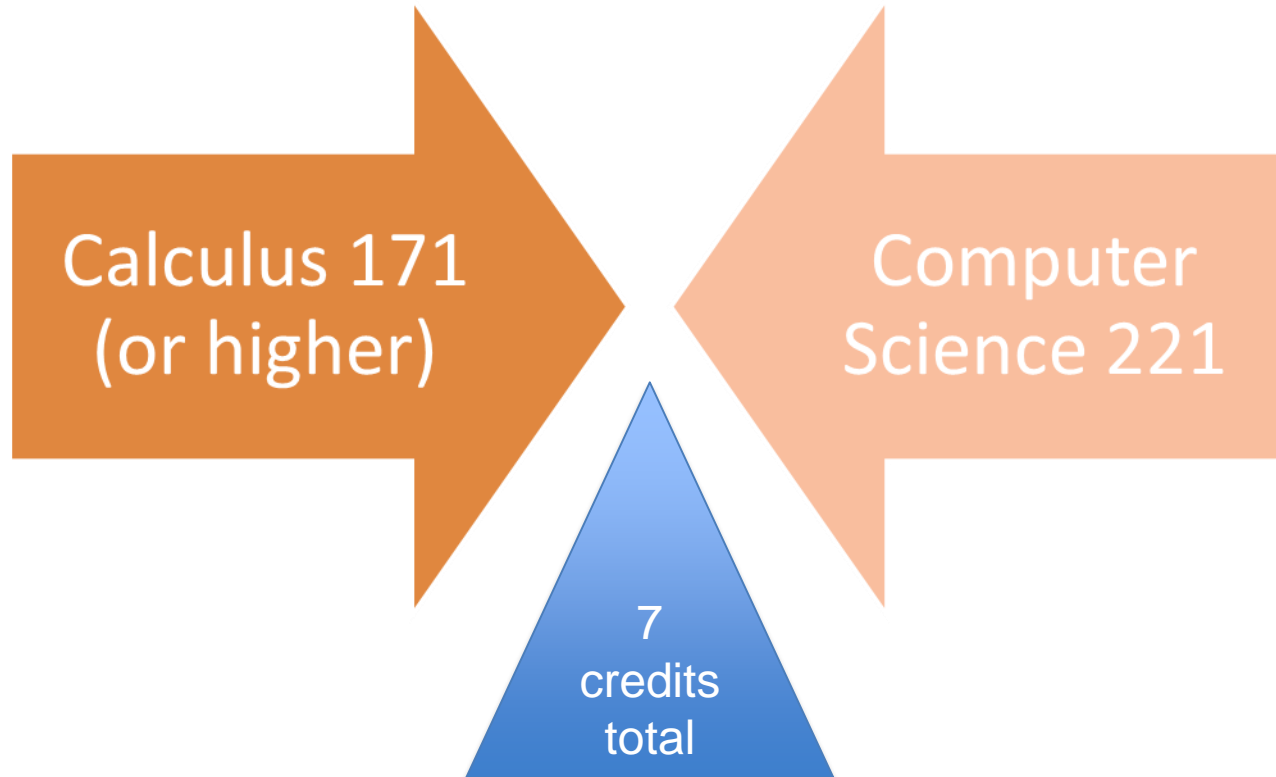
Alert Admissions and Registrar to the 1+3 dynamic, create “contract language” and potential recruiting tools

Step 2: It works internally, can it work in our partner schools?



**We did not initially include Advanced Placement® and other credit bearing classes

Required courses for BS in Computer Science



Other recommended courses

Lab
classes
help!

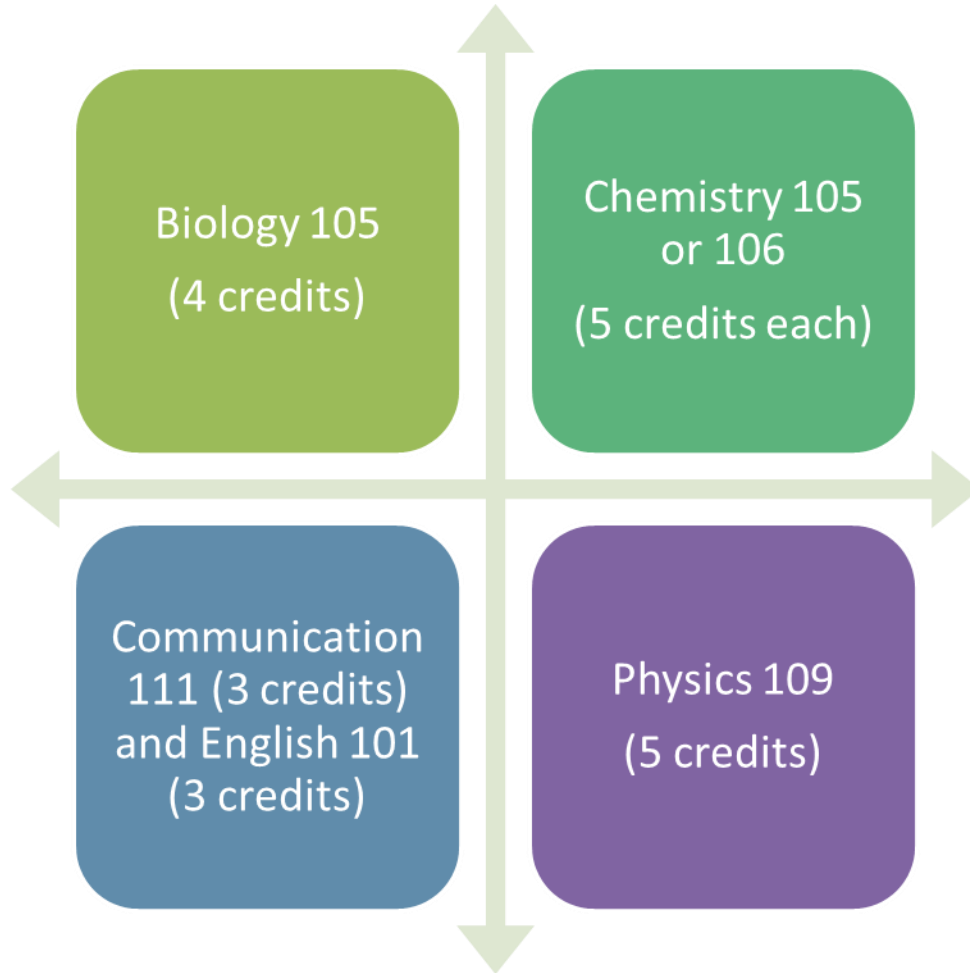
Biology 105
(4 credits)

Chemistry 105
or 106
(5 credits each)

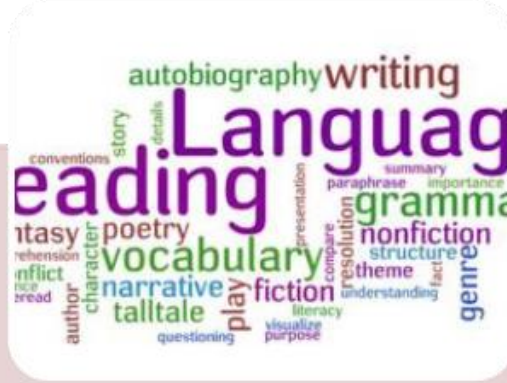
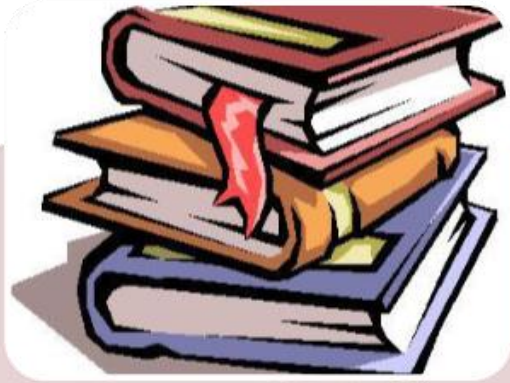
PAIRED
courses
for on
campus
freshman

Communication
111 (3 credits)
and English 101
(3 credits)

Physics 109
(5 credits)



USP courses or other “gen ed” offerings



200-level English
courses
(3 credits each)

Spanish 204
German 204
French 204
Japanese 204
(5 credits each)

Economics 101
Sociology 101
Psych 101
Political Science
and/or
History courses
(3 credits each)



The University Studies Program and 1+3

- Enrolling at UW Oshkosh with fewer than fifteen college credits: participate in the 3-course Quest sequence of first-year and second-year experiences.
- Every student completes 9 Explore courses total from:
 - **Nature**
 - **Culture**
 - **Society**

Step 3: Engage with Academic Advising (round two!)

- **Fond du Lac High School CAPP offerings 2017-18:**
- BIOLOGY 105 - 4 credits
- BUSINESS 231 - 3 credits
- COMMUNICATION STUDIES 111 - 3 credits
- CRIMINAL JUSTICE 110 - 3 credits
- ENGLISH 101 - 3 credits
- JOURNALISM 221 - 3 credits
- MATH 171 - 4 credits
- MUSIC 102 - 3 credits
- PHYSICS/ASTRONOMY 107 - 5 credits
- PHYSICS/ASTRONOMY 108 - 5 credits
- SOCIOLOGY 101 (online) - 3 credits
- SPANISH 204 - 5 credits (adjunct-less)

44 CAPP credits available for students to access

The Advising Documents (internal)

USP/Degree Requirements	Computer Science 1+3	MIS 1+3	Engineering Technology 1+3	“Accelerated Educator” pathway	Courses Offered in Fond du Lac High School
Explore Math (XM) (3 credits required for USP)	Math 171 (4 cr.)	Math 171 (4 cr.)	Math 171 (4 cr.) Math 172 (4 cr.)	Math 108 (5 cr.)	Math 108 (5 cr.) Math 109 (3 cr.) Math 171 (4 cr.) Math 172 (4 cr.)
Explore Lab Sciences (XL) (8 credits required for USP)	Biology 105 (4 cr.) Physics 107/108 (5/5 cr.)	Biology 105 (4 cr.) Physics 107/108 (5/5 cr.)	Biology 105 (4 cr.) Physics 107/108 (5/5 cr.)	Biology 105 (4 cr.)* Physics 107/108 (5/5 cr.)	Biology 105 (4 cr.) Physics 107/108 (5/5 cr.)
Explore Culture (XC) (9 credits, 3 courses required from at least 2 departments)	Spanish 204 (5 cr.) Music 102 (3 cr.) Journalism 141 (3 cr.)	Spanish 204 (5 cr.) Music 102 (3 cr.) Journalism 141 (3 cr.)	Spanish 204 (5 cr.) Music 102 (3 cr.) Journalism 141 (3 cr.)	Spanish 204 (5 cr.) Music 102 (3 cr.) Journalism 141 (3 cr.)	Spanish 204 (5 cr.) Music 102 (3 cr.) Journalism 141 (3 cr.)
Explore Society (XS) (9 credits, 3 courses required from at least 2 departments)	Psych 101 (3 cr.) Sociology 101 (3 cr.)	Psych 101 (3 cr.) Sociology 101 (3 cr.)	Psych 101 (3 cr.) Sociology 101 (3 cr.)	Psych 101 (3 cr.) Sociology 101 (3 cr.)	Psych 101 (3 cr.) Sociology 101 (3 cr. ONLINE)
Additional courses available to meet USP and/or pathway requirements.	Eng. 101 (3 cr.) <u>Comm</u> 111 (3 cr.) Criminal Justice 110 (3 cr. ...SS course)	Eng. 101 (3 cr.) <u>Comm</u> 111 (3 cr.) Business 231 (3 cr.) Criminal Justice 110 (3 cr. ...SS course)	Eng. 101 (3 cr.) <u>Comm</u> 111 (3 cr.) Criminal Justice 110 (3 cr. ...SS course)	Eng. 101 (3 cr.) <u>Comm</u> 111 (3 cr.) Criminal Justice 110 (3 cr. ...SS course)	Eng. 101 (3 cr.) <u>Comm</u> 111 (3 cr.) Business 231 (3 cr.) Criminal Justice 110 (3 cr. ...SS course)

CAPP solution....thus far:

AP®

- List courses accessible at partner school
- Passing scores discussed during counselling sessions (must take Sophomore/Junior year to be able to sign our 3 year contract)

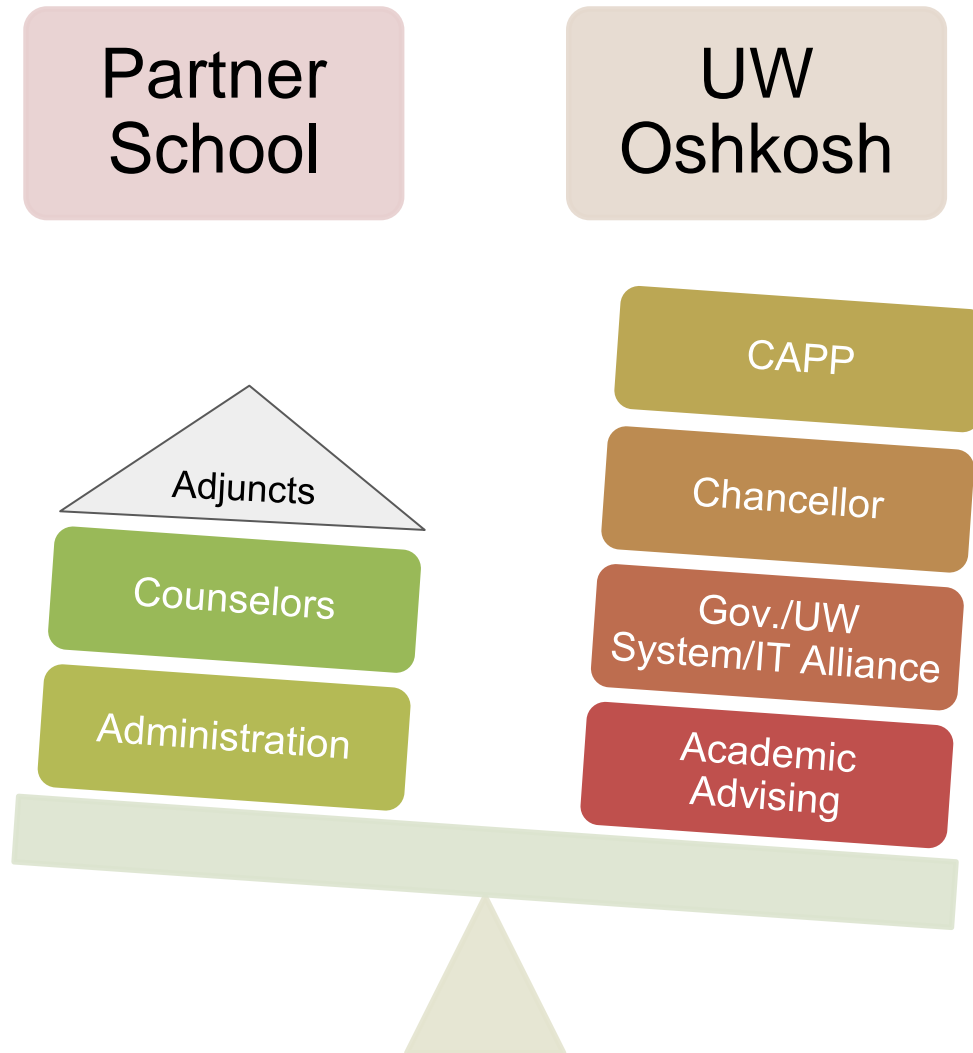
PLTW

- UW Oshkosh partnership with PLTW
- Must access our transcribed courses with proper stanine score

Other providers

- Check UW System credits through UW System Transfer Wizard
- Pre-Approve non-UW System courses (private colleges) through Admissions and Departments offering the 1+3

Step 4: Reach out to partner school admin!



Step 4: The High School Counselor Perspective:

This is not for everyone!!

Strive to find balance in student schedules and dealing with stress.

We do have students leaving with 30 + credits anyway, but this is more prescribed.

Which students are the target group?

High Achievers

Motivated Students

Students looking
ahead toward
graduate school

Those interested in
staying in Wisconsin
for the start of their
career in IT

Learners who want to
minimize the financial
impact of the normal
4+ years in college

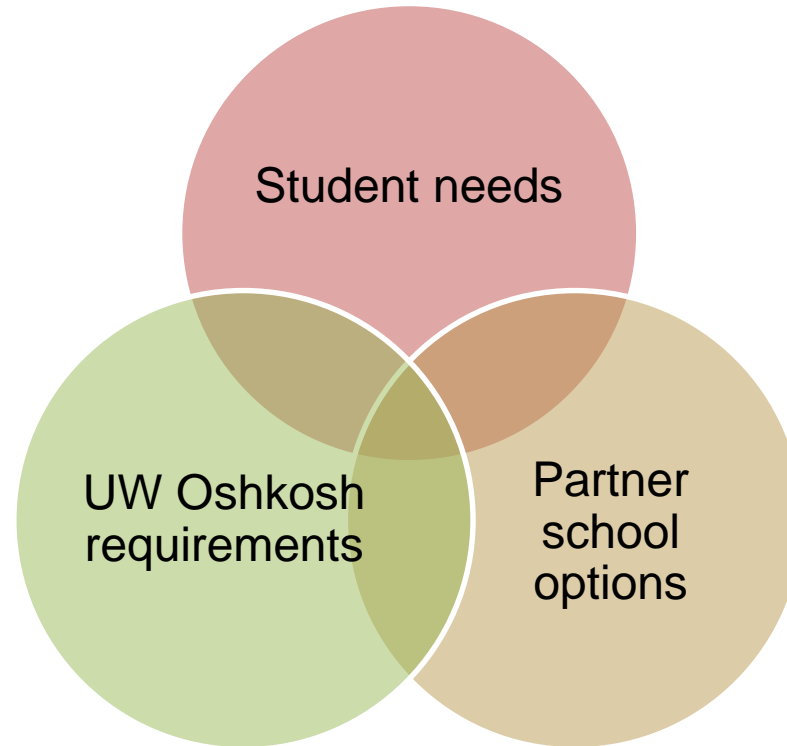
The Partner Schools “job” recruiting kids...

We are still working on this.

The challenge is that these students need to be in our accelerated group of students, as well as focused on IT area. Additionally, they need to commit to attending UW-Oshkosh. It is challenging for students to know where they want to attend college when they are sophomores/juniors/seniors.

However, when we find this student, they will save college tuition, CAPP costs, start work force sooner....

Step 5: The Kids (and the contract)



Student requirements

Meet with HS counselors by end of Junior year in high school

Complete all identified "1st year" courses...the "1" in 1+3 in high school

Maintain appropriate grades in these courses that allow for the next courses/admissions to be attempted

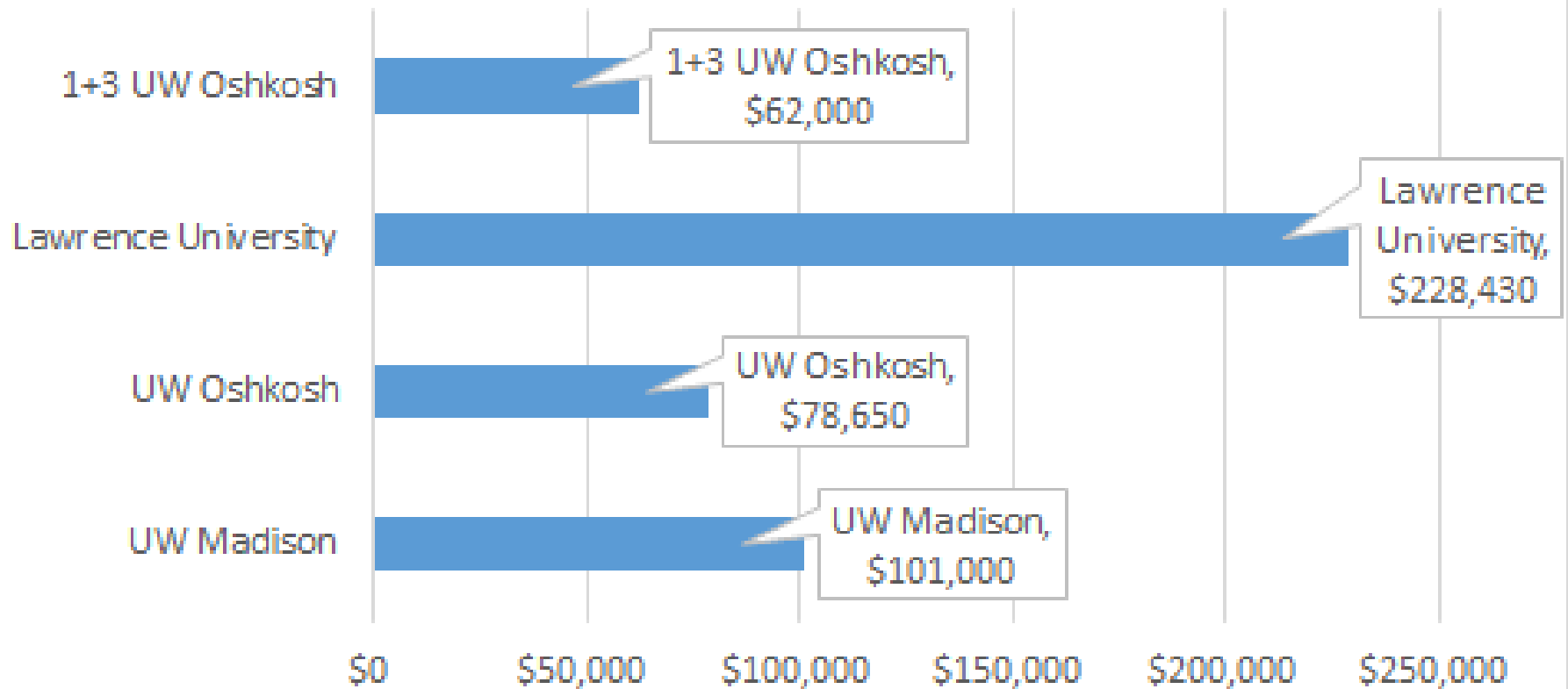
UW Oshkosh Requirements

- Build courses through CAPP
- Offer courses on campus to matriculated 1+3 kids
- Find (and pay for) alternative courses should we not have an open section
- Meet with the student each semester
- Organize internships (Chambers of Commerce?)

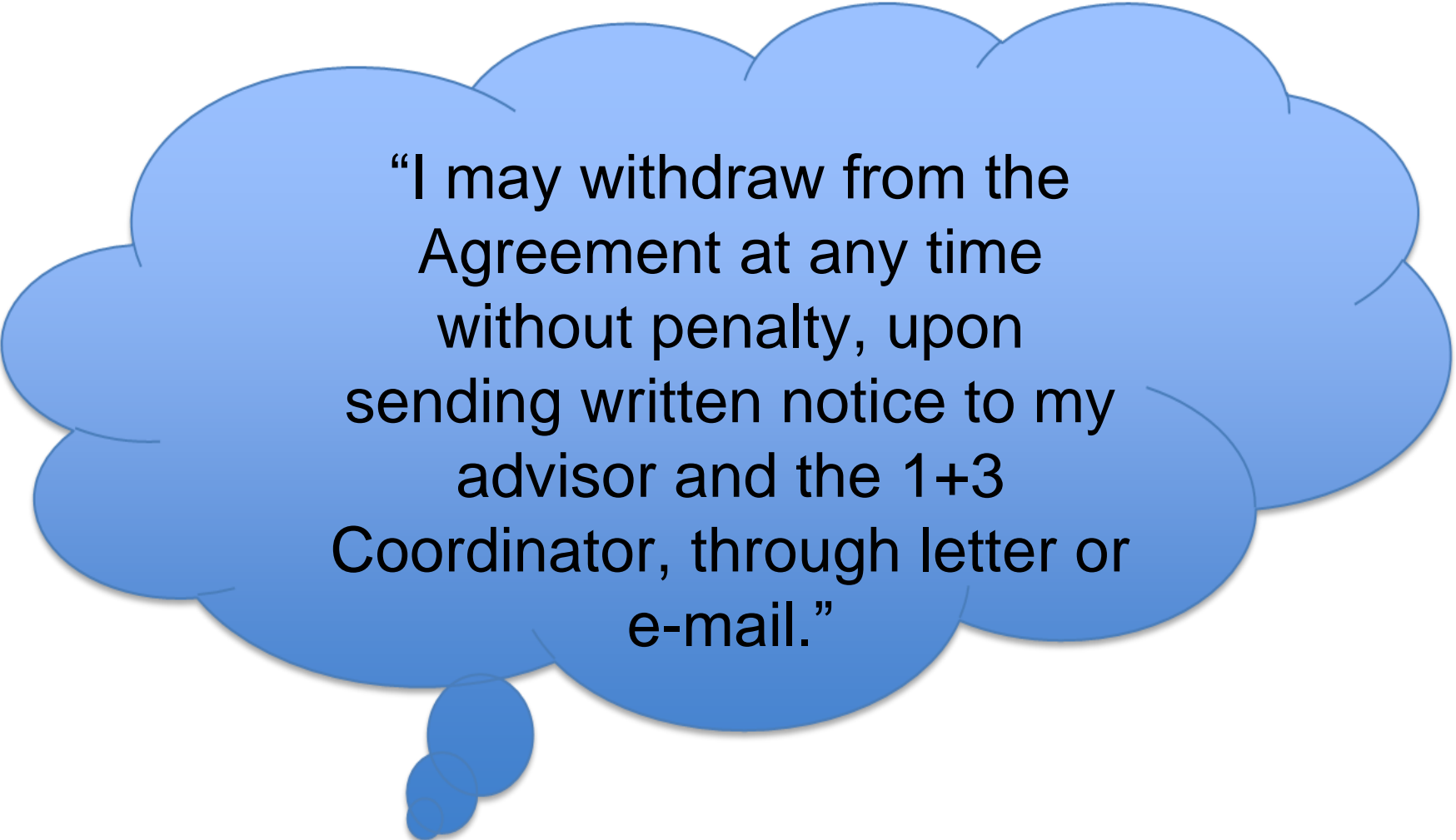
Benefits for Student and HS

1. Computer Science 221 (3 credits) cost is covered by System grant.
2. Meet with UW Oshkosh Advisors (no chance to populate “useless” credits).
3. Summer employment through NEW IT Alliance businesses (in IT area).
4. Scholarships upon matriculation at UW Oshkosh.
5. Cost and time to degree.
6. FULLY paid Computer Science MS

Cost to Bachelor's Degree in Comp Science or Information Systems

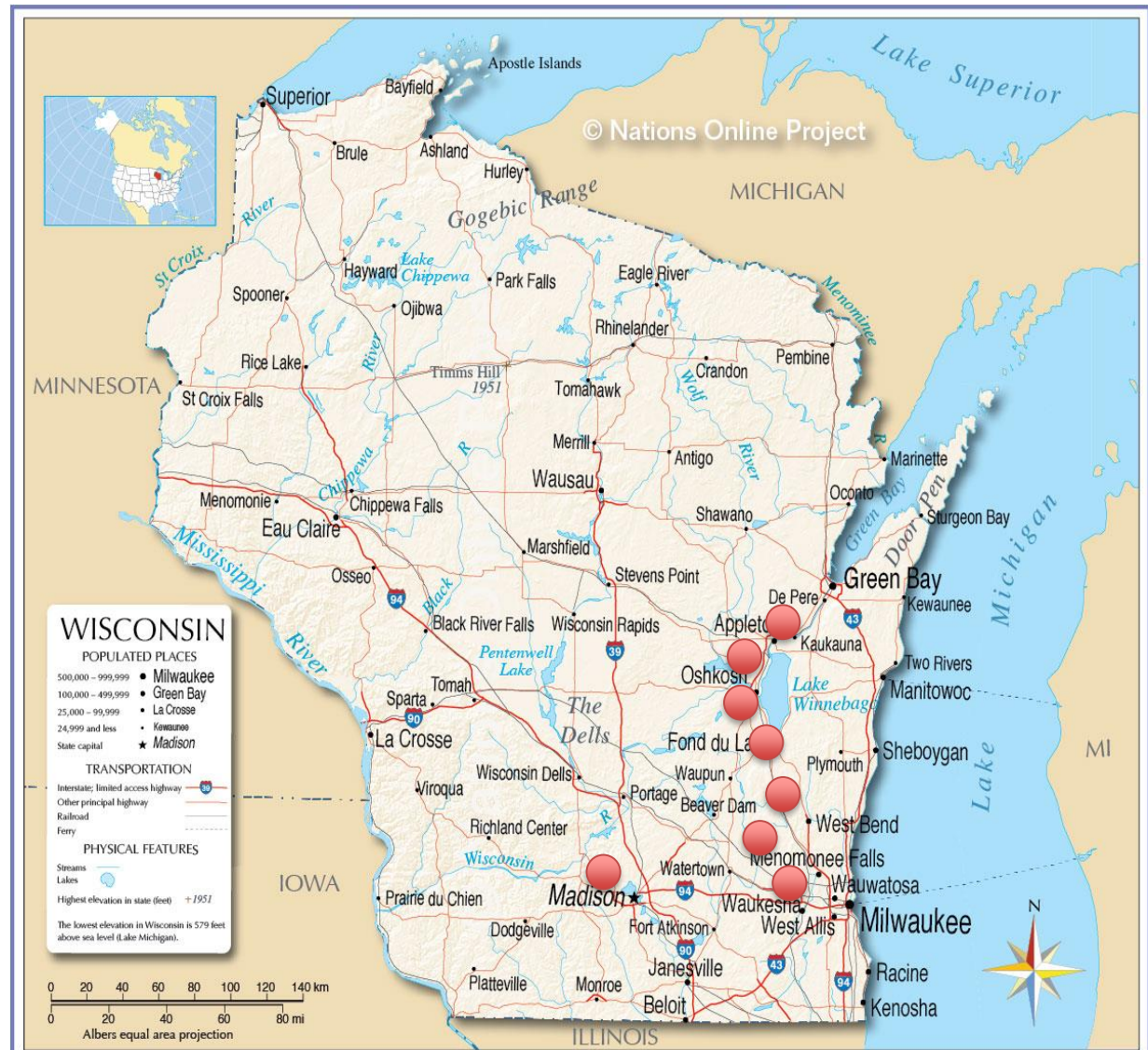


“The Out”

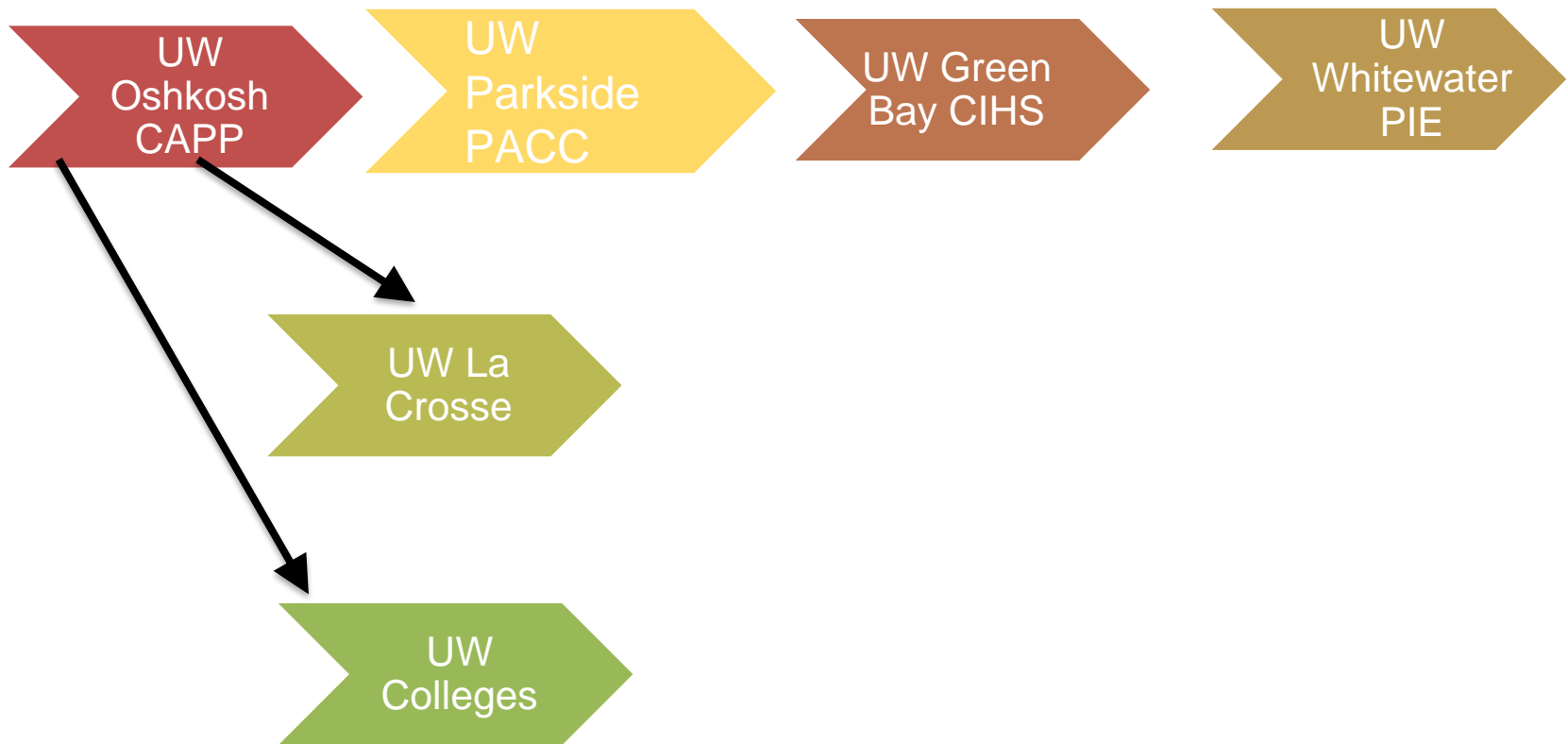


“I may withdraw from the Agreement at any time without penalty, upon sending written notice to my advisor and the 1+3 Coordinator, through letter or e-mail.”

Step 6: Increase access for all throughout Wisconsin



UW System implementation statewide



Take home messages on the build:

1. Involve your Advising Office earlier than later.
2. Float the balloon to your partner schools before it's done, seek input.
3. Have marketing ideas/materials in place before it's launched.
4. Tip to tail program. Summer workshops for kids in IT (middle school and elementary school).

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START COLLEGE NOW WITH 1+3

The UW Oshkosh 1+3 program allows you to complete a full year of college while still in high school. The program is for students who plan to study one of the following majors:

- Computer Science
- Information Systems
- Engineering Technology

The program also offers access to internships during high school or college! If you love computers, technology or engineering, talk to your high school counselor about the UW Oshkosh CAPP 1+3 program.

Learn more at uwosh.edu/go/1+3



GET A JUMP START ON YOUR DEGREE!

- Earn college credit in high school
- Save money by completing your college degree in only 3 years
- Gain experience through internships
- Benefit from a degree in a field with strong job prospects

1+3 is a unique partnership between UW Oshkosh, other UW System schools (the New ERA group) and the NEW IT Alliance, and is coordinated by the Cooperative Academic Partnership Program (CAPP) at UW Oshkosh with input from area businesses in need of IT professionals.

Find out more at uwosh.edu/go/1+3

First 1+3 Student

- Junior from Fond du Lac High School
- Completely changed his HS schedule this summer (Thank you, Tiffany!)
- Parents are UW Oshkosh grads
- Visiting with Chair of Computer Science and others on October 20th, 2017
- Fall of 2019 on campus!

Thank you for your attention!!

Questions?



uwosh.edu/capp

Future NACEP Webinars and Events:

November 29th: NACEP Webbytes: A Journey through Institutional Change.

December 4th: NACEP Webbytes: Continuing the Discussion on AP/IB/DE

January 18th: NACEP Webbytes: Crossing the Streams

February 1st: NACEP Webbytes: Creating a Digital Community of CE Instructors

February 1-2: Winter Accreditation Institute in Miami, Florida. Hosted by Florida International University

