

## Indigenous Student Achievement Pathways (ISAP) – Reference Sheet (May 2019)

Established in 2012, ISAP welcomes First Nations, Inuit and Métis students to the College of Arts and Science Main Campus (Saskatoon) through academically-grounded programming that builds our students' confidence, knowledge, and skills, while connecting them to one another and to our campus community. ISAP programming includes:

- first year ISAP learning communities
- preparatory non-degree credit 90-level science courses and STEM Accelerator Certificate
- ISAP common courses aimed at students in year 2+
- STEM Pathways coaching and intercollege advising (Nursing, Engineering, Agriculture & Bio resources, Health Sciences)

### Key feature of ISAP include

- popular first-year courses + interdisciplinary electives, used toward a variety of programs
- small class and cohort sizes (usually a maximum of 30 students)
- financial advocacy and ISAP student bursaries
- LC course combinations designed for students with common academic interests
- dedicated and culturally responsive instructors
- peer mentorship and social connection — a community for learning
- weekly ISAP LC hour facilitated by an upper year Indigenous Peer Mentor
- weekly subject-specific tutorials to build academic skills
- support with inter-college transfers, professional college admissions, and career preparation
- ISAP celebrations and cultural engagement throughout the academic year
- ISAP Summer Start (3 day summer bridging program held August 26<sup>th</sup> to 28<sup>th</sup>) available to all first year ISAP students

Learn more about the program, and view ISAP FAQs here: <https://artsandscience.usask.ca/indigenous/faq.php>

View current ISAP LC course clusters, STEM Accelerator and ISAP common course offerings and schedules here: <https://artsandscience.usask.ca/indigenous/isap-lc.php>

### Term 1 2019-2020

#### Medicine Wheel 1\* -- BIOL 120, ENG 114, INTS 102

Medicine Wheel (STEM LC) courses are designed for Métis, First Nations, and Inuit students interested in the disciplines of **Science, Technology, Engineering and Medicine (STEM)**

- Students in this LC can enroll concurrently in Chemistry 90 and/or Physics 90
- Students in this LC can enroll in Biology 90 in lieu of Biology 120
- Students in the LC may be interested in pursuing admission to **Nursing** or **Engineering** in the second year of their studies, and should choose pre-requisite courses and electives accordantly
- Students in this LC can opt-in to the **Developmental Math Lab**
- Students in this LC are strongly recommended to attend the **ISAP Summer Start**
- **The ISAP MW 1 LC is designed to be paired with the Medicine Wheel 2 (NAT SCI) and (HLTH SCI) LCs**

#### Star Blanket 1 – SOC 111, PSY 120, ENG 120

The Star Blanket LC courses provide a strong introduction to the **social sciences and humanities** with a focus on Indigenous perspectives, and are well aligned with Bachelor of Arts degree programs in the College of Arts & Science, as well as for application to professional programs such as Law and Social Work.

- Students in this LC are strongly recommended to attend the **ISAP Summer Start**
- The ISAP Star Blanket 1 LC is designed to be paired with either the ISAP Star Blanket 2 LC (social sciences/humanities) or ISAP Willow Hoop LC (fine arts/humanities) in Term 2
- Students in the Star Blanket LC can enroll in our STEM Accelerator courses

### Willow Hoop 1 \*NEW\* -- DRAM 118, ART 136, ENG 113

The Willow Hoop 1 LC brings students together from multiple programs to explore an array of artistic mediums from voice, body, language, and other extended artistic mediums.

- This LC can be used towards a pathway in Fine Arts and other humanities and social science degree programs.
- This LC can be applied to BFA and B A & S programs and is a foundational course for the *wicêhtowin* Theatre Program (WTP): a comprehensive and experiential-based learning program for emerging First Nations, Métis and Inuit actors, playwrights and designers that delivers meaningful and principled curricula centered on Indigenous perspectives to provide graduates with the requisite skills for success in a creative milieu.
- **ISAP Willow Hoop students can also enroll in our STEM Accelerator Courses**
- **The ISAP Willow Hoop 1 LC is designed to be paired with the ISAP Willow Hoop 2 LC, but works well with all other ISAP term 2 LCs**
- Students in this LC are strongly recommended to attend the **ISAP Summer Start**

### STEM Accelerator -- CHEM 90, BIO 90, PHYS 90

These non-degree credit preparatory courses are designed for students who want to pursue STEM Pathways to a **degree in science or a related professional degree (e.g. health science, science education, or engineering)** who may lack high school pre-requisite courses or have been away from these subjects for more 3 years and would like to refresh their knowledge.

- They may be taken as individual electives by students in other ISAP LCs
- They may be taken together (over multiple or a single year) contributing to a STEM Accelerator Certificate
- They are also available as an introduction to each science discipline to any ISAP student, **with Bio 90 recommended as preparation for successful completion of Biology 121** or Geology 108 as a required science elective within arts and humanities programs
- Students in Chem 90 and Physics 90 will be registered in a co-curricular **ISAP Developmental Math Lab**
- NOTE: Each 90-level course will stand in lieu of 30-level pre-requisites for STEM degree programs.

### ISAP Common Course, Statics 244

ISAP's Walking Together initiative includes one common course and an extension seminar/problem based learning lab hour per term, designed for second- year+ students who are interested in exploring Indigenous perspectives through interdisciplinary course curricula that complement a diversity of degree programs.

- Statistics 244 teaches students statistical concepts and techniques including graphing of distributions, measures of location and variability, measures of association, regression, probability, confidence intervals, hypothesis testing. Weekly extension seminars reinforce course concepts through collaborative learning activities and process-oriented guided inquiry learning.
- **This course will appeal to students pursuing nursing or other select STEM and social science degree programs as their stats requirement.**
- The problem based learning lab tied to this course focuses on enhancing students hands on mathematical skills in a hands on learning environment.

## Term 2 2019-2020

### Medicine Wheel 2 LCs:

(HLTH SCI) PSY 121, INDG 107, NUTR 120 (recommended Nursing Pathways and BSc Psychology, Sociology and Health Studies Students)

(NAT SCI) GEOL 121, INDG 107, MATH 102 (recommended Engineering & BSc Pathways including Natural Sciences and Computational and Mathematical Science)

\*CHEM 112 (fits both MW2 HLTH SCI and NAT SCI schedules)

Medicine Wheel (STEM LC) courses are designed for Métis, First Nations, and Inuit students interested in the disciplines of **Science, Technology, Engineering and Medicine (STEM)**

- **Seats in CHEM 112, will be prioritized for students who completed CHEM 90 in Term 1, or were in the MW LC in Term 1**
- **Registration in CHEM 112 will be also available to upper year Indigenous students requiring Chemistry 112**
- Participation in the **Developmental Math Lab** in Term 1 is strongly recommended for ISAP MW 2 and CHEM 112 students
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### Star Blanket 2 LCs:

(SOC) POLS 111, SOC 112, PSY 121 (Recommended for student interested in the Social Sciences [e.g, BA Psychology, Sociology, Indigenous Studies, Economics])

(HUM) GEOL 121, INDG 107, WGST 112 (Recommended for students interested in Humanities [e.g., English, History, Womens and Gender Studies, Philosophy])

The Star Blanket LC courses provide an engaging introduction to the **social sciences** and **humanities** with a focus on Indigenous perspectives, and are well aligned with Bachelor of Arts degree programs in the College of Arts & Science, including History, Sociology, Political Studies, and **Aboriginal Justice**, as well as for application to professional programs such as **Law** and **Social Work**.

- The Star Blanket LCs pair well with any Term 1 ISAP LC

### Willow Hoop 2 – ENG 120, WGST 112, CREE 110

The Willow Hoop LC courses offer a breadth of disciplines for students to explore, and strong foundation for studies in the **humanities and fine arts** as well as in the **natural sciences**.

- An excellent course combination for student interested in bringing Indigenous perspectives to their studies in **humanities** programs, or practice in **Fine Arts** programs
- Engaging with local language and cultural resources at U of S, in Saskatoon's cultural community, and in their home communities, Buffalo LC students will enjoy a dynamic and collaborative experience of language learning.
- Recommended pathway for students in the **wicêhtowin Theatre Program (WTP)**
- The Willow Hoop LC pairs well with any Term 1 ISAP LC

### ISAP Common Course, Walking Together- INDG 241 and/or CHEM 112

ISAP's Walking Together initiative includes a common course and extension seminar hour per term, designed for second- year+ students who are interested in exploring Indigenous perspectives through interdisciplinary course curricula that complement a diversity of degree programs.

- **Indigenous Studies 241, Weaving Indigenous Science and Western Science**, explores how Indigenous and Western knowledge systems situate human beings in relation to the natural world through a mixed instruction model that combines online and classroom learning with outdoor, land-based activities and visits with Elders, knowledge keepers and research scientists.
- This course will appeal to students in **STEM degree programs** as a humanities elective, and to **Indigenous Studies, fine arts, and social science students**
- **Students entering this course who do not have strong STEM backgrounds may benefit from Biology 90 in Term 1**
- **Chemistry 112** provides the opportunity for students to learn about the structure, bonding and properties of materials in a small cohort. Students registered in ISAP's Chemistry 112 will participate in Lectures (3 hour per week), Labs (3 hour per week), and an Extension Tutorial (1.5 per week). Our Extension Tutorials allow students to review and reinforce lab skills, and to build understanding through hands-on activities and problem sets in a collaborative learning environment.

*ISAP Website:*

<https://artsandscience.usask.ca/indigenous/isap.php>

*Or follow the 'Indigenous Students' Link from the College of Arts & Science Main Page*

*Or search 'USASK ISAP'*

ISAP FAQs can be found in drop tabs at

<https://artsandscience.usask.ca/indigenous/faq.php>

Additional FAQ topics of special interest to First Nations, Inuit & Metis students can be found at

<https://artsandscience.usask.ca/indigenous/faq.php>

**Did you know?** Our Indigenous Student Advisors in the Trish Monture Centre (TMC) can provide advice on selecting courses, building a workable time table, getting lined up with financial supports... and registering in ISAP courses and learning communities! Get in touch with **Milo** or **Shanelle** through the **TMC**

[tmc@artsandscience.usask.ca](mailto:tmc@artsandscience.usask.ca) : (306) 966-2004 : Arts 250 \*Top of the Ramp\*  
9am - 12pm and 1pm - 4pm, Monday – Friday: Text the advisors [306-361-5990](tel:306-361-5990)

Additional Questions about ISAP can be sent to:

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