



FIRST TERM COURSE SELECTION GUIDE

SUMMER (MAY) 2021

Updated March 15, 2021.



WELCOME TO ICM!

Welcome to your digital campus! You are probably wondering which courses you should select in the first term of your program. This guide contains the recommended courses for your first term so please read it carefully.

If you have any questions about choosing your courses, please contact ICM's Student Advising Team by at advisor@learning.icmanitoba.ca or for a one-on-one Zoom meeting using the link in your Student Portal. When sending an email, be sure to use your ICM Student Portal email address and include your ICM Student ID in all correspondence.

Note that the following suggested courses are only for the Summer (May) 2021 term.

DIGITAL CAMPUS TIPS!

As you navigate through our digital campus, you may have some questions about accessing courses, how to interact with instructors and classmates, and other important online study tips and etiquette. You may also have questions about textbooks, finding the course Zoom links, whether your classes will have an asynchronous component, and more. Below are some crucial resources to help you navigate our digital campus. Please download and review them now.

Digital Campus Tips:



- [**Enrolment and Course Expectations Guide**](#)
- [**How to Prepare for Your First Term \(May 2021\)**](#)
- [**How to Enrol in Courses**](#)
- [**Student Portal Tutorial**](#)

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UTP STAGE I

UTP STAGE I

In the first term, students in **UTP Stage I** must take:

- ILS 100 (non-credit, no fee)
- ESR 100 (English Skills/Reading) or ESW 100 (English Skills/Writing)
- MTH 099 or MTH 103 (based on Math Placement Test results)
- Two UTP Stage I courses (from the below list)

UTP Stage I Courses

BUS 108: Business Management
COM 101: Introduction to Computing
CHM 100: Basic Chemistry
ECN 100: Introduction to Economics
HIS 105: The Story of English
PHY 100: Basic Physics
POL 100: Politics and Society
PSY 101: Foundations of Psychology & Wellness
SOC 105: World Issues
STT 101: Basic Statistics

COURSE SELECTION TIPS!

- To successfully complete the UTP I program, students must complete ILS and 8 courses.
- Students who complete four (4) UTP Stage I courses (in addition to ILS) in a single semester with a minimum grade of B (70% minimum) in each course will be considered for the “**jump rule**” for UTP Stage II. Students in this situation should consult the Student Advisors to ensure they meet prerequisite requirements for UTP Stage II and university-level courses required for their desired program. Refer to the ICM Student Handbook in your Student Portal.
- Students should only choose one of ESR or ESW in their first term. Students that end up jumping are not required to complete the second course.
- For any program planning related questions, please email advisor@learning.icmanitoba.ca.



UTP STAGE I (MIXED ENTRY)



Students in a Mixed Entry program will find this indicated on their Letter of Offer under the ICM Academic Program information.

UTP STAGE I (MIXED ENTRY)

In the first term, students in **UTP Stage I Mixed Entry** program must take:

- AES 100 Academic English
- ILS 100 (non-credit, no fee)
- MTH 099 or MTH 103 (based on Math Placement Test results)
- Students may choose to take up to two additional UTP I courses from the following list:

UTP Stage I Courses

- BUS 108: Business Management
- CHM 100: Basic Chemistry
- COM 101: Introduction to Computing
- ECN 100: Introduction to Economics
- HIS 105: The Story of English
- PHY 100: Basic Physics
- POL 100: Politics and Society
- PSY 101: Foundations of Psychology & Wellness
- SOC 105: World Issues
- STT 101: Basic Statistics

COURSE SELECTION TIPS!

- To successfully complete the UTP Stage I program, students must complete 8 courses (in addition to AES and ILS).
- UTP Stage I Mixed Entry students are not eligible for the “jump rule” in their first semester. You may be eligible for the jump rule in your second semester if you meet the following criteria:
 - Students who complete four (4) UTP Stage I courses (not including ILS) in a single semester with a minimum grade of B (70%) in each course will be considered for the jump rule in UTP Stage II. Students in this situation should consult the Student Advisors to ensure they meet prerequisite requirements for UTP Stage II and university-level courses.
- For any program planning related questions, please email advisor@learning.icmanitoba.ca



UTP STAGE II:
AGRICULTURAL AND
FOOD SCIENCES

UTP STAGE II: AGRICULTURAL AND FOOD SCIENCES

In the first term, students in **UTP II Agricultural and Food Sciences** program must take:

- ILS 100 (non-credit, no fee)
- Recommended four UTP Stage II courses (minimum of three courses)

Required credit courses

- To select the best courses for your planned major, review the [UTP Stage II Program Planning Guide](#) and [UM's Academic Calendar](#).
- The University of Manitoba's [First Year Planning Guide](#) is also recommended.

COURSE SELECTION TIPS!

- CHEM1300 lab component will be in-person and will require you to attend these labs on campus. To confirm, please check [the Enrolment & Course Expectations Guide](#).
- You may not be able to view all courses on your Student Portal Enrolment screen. This may be due to one of the following reasons:
 - You did not complete Grade 12 Math, Chemistry, Physics, or Biology.
 - You scored less than 60% (or equivalent) in grade 12 Math, Chemistry, Physics, or Biology.
 - The course you want to register in requires you to complete a [pre-requisite course](#) with ICM.
- To enrol in PHY100 and/or CHM100, email register@icmanitoba.ca
- Students who do not take high school Biology (year 12 or 40S equivalent) will be required to take BIOL 1000 prior to taking BIOL 1020 and BIOL 1030. BIOL 1000 cannot be held for credit with BIOL 1020 and does not count towards your 30 credit hours required to complete ICM if you take BIOL 1020.
- If there's a recommended course you wish to take that isn't displayed in which you need further clarification, please email register@icmanitoba.ca from your ICM Student Portal email address.



UTP STAGE II: ARTS

UTP STAGE II: ARTS

In the first term, students in **UTP Stage II: Arts** program must take:

- ILS 100 (non-credit, no fee)
- Recommended four UTP Stage II courses (minimum of three courses)

Mathematics option (not required at ICM, but recommended):

- At least one of: MATH 1010* or MATH 1300 or MATH 1500 or STAT 1000 (to meet UM Mathematics requirement for degree purposes)

Recommended credit courses

- ANTH 1220: Cultural Anthropology
- ECON 1010: Introduction to Microeconomic Principles
- ECON 1020: Introduction to Macroeconomic Principles
- MATH 1010*: Applied Finite Mathematics – Faculty of Arts only
- PSYC 1199: Introduction to Psychology (students must enrol in PSYC 1200 the following term to receive credit for PSYC 1199)
- Elective

COURSE SELECTION TIPS!

- *MATH1010 has no year 12 or UTP Stage I math pre-requisite requirement (MTH099/MTH103). You may take MATH1010 as your math (M) requirement if your planned program at the University of Manitoba (UM) does not have a prerequisite of MATH1300, MATH1500 or STAT1000.
- To check program requirements please view the [UM's Academic Calendar](#).
- Different Arts departments at UM have different requirements, so there is no one set way to complete the UTP Stage II: Arts pathway. You can consult an Advisor by emailing questions to advisor@learning.icmanitoba.ca from your ICM Student Portal email address or joining a Zoom meeting using the links on your Student Portal.



UTP STAGE II: BUSINESS

UTP STAGE II: BUSINESS

In the first term, students in **UTP Stage II: Business** program must take:

- ILS 100 (non-credit, no fee)
- Recommended four UTP Stage II courses (minimum of three courses)

Recommended credit courses

- ECON 1010: Introduction to Microeconomic Principles
- ECON 1020: Introduction to Macroeconomic Principles
- MATH 1500: Introduction to Calculus
- STAT 1000: Basic Statistical Analysis 1
- One of the required electives:
 - ANTH: 1220 Cultural Anthropology
 - MATH: 1300 Vector Geometry and Linear Algebra
 - PSYC: 1199* Introduction to Psychology
- Elective Course

COURSE SELECTION TIPS!

- **It is important to select a mixture of required and elective courses to balance your course load for your first term.**
- * Students who register for PSYC 1199 must enrol in PSYC 1200 the following term with the same instructor to receive credit for PSYC 1199.
- Students who are required to take UTP Stage I Math cannot register in UTP Stage II Math courses and may wish to consult a Student Advisor after registering for courses by emailing advisor@learning.icmanitoba.ca. For more information on prerequisites, [click here](#).
- Business is a highly competitive faculty. Students should consider a “Plan B” in case they are not admitted to the faculty.
- **This faculty only has a Fall (September) intake every year.** If you are starting your ICM program in Fall (September), you must select **ILS + 4 credit courses** in your first term and 4 credit courses in your second term to be eligible for the upcoming September intake.



UTP STAGE II: ENGINEERING

UTP STAGE II: ENGINEERING

In the first term, students in **UTP Stage II: Engineering** program must take:

- ILS 100 (non-credit, no fee)
- Four required UTP Stage II courses (minimum three) from the list below:

Required credit courses

- *CHEM 1300 University 1 Chemistry: Structure and Modelling in Chemistry
- COMP 1012 Computer Programming for Scientists & Engineers
- ENG 1440 Introduction to Statics
- MATH 1210 Techniques of Classical and Linear Algebra
- MATH 1500 Introduction to Calculus
- PHYS 1050 Physics 1: Mechanics
- ONE Complementary Elective (**see next page**)

UTP STAGE II: ENGINEERING

One complementary elective course

- **PHIL 1290 – Critical Thinking is the recommended complementary studies elective but will only be accessible in your second term, after completing ILS.
- ANTH 1220 – Cultural Anthropology
- ECON 1010 – Introduction to Microeconomic Principles
- ECON 1020 – Introduction to Macroeconomic Principles

COURSE SELECTION TIPS!

- *CHEM1300 lab component will be in-person and will require you to attend these labs on-campus. To confirm, please check the [Enrolment & Course Expectations Guide](#)
- **Students may not register in PHIL1290 until a passing grade in ILS is obtained.
- Even though students may be able to see other available course options when they register on the Student Portal, it is important to choose only classes from the above list to get credit in Engineering.
- Engineering is a highly competitive faculty. Students should consider a "Plan B" in case they are not admitted to the faculty.
- **This faculty only has a Fall (September) intake every year.** If you are starting your ICM program in Fall (September), you must select ILS + 4 credit courses in your first term and 4 credit courses in your second term to be eligible for the upcoming September intake.
- Students who are required to take UTP Stage I Math cannot register in UTP Stage II Math or Science courses and may wish to consult a Student Advisor after registering for courses by emailing advisor@learning.icmanitoba.ca. For more information on prerequisites, [click here](#).
- If you have applied for UTP Stage II: Engineering but have received acceptance to UTP Stage II: Science, we recommend that you download and read the [Pre-Engineering Planning Guide](#). You may wish to consult a Student Advisor after registering for courses by emailing advisor@learning.icmanitoba.ca.



UTP STAGE II: ENVIRONMENT, EARTH, AND RESOURCES

UTP STAGE II: ENVIRONMENT, EARTH, AND RESOURCES

In the first term, students in **UTP Stage II: Environment** program must take:

- ILS 100 (non-credit, no fee)
- Recommended four UTP Stage II courses (minimum of three courses)

Required credit courses

- To select the best courses for your planned major, review the [UTP Stage II Program Planning Guide](#) and [UM's Academic Calendar](#).
- The University of Manitoba's [First Year Planning Guide](#) is also recommended.
- Important: CHEM1300 lab component will be in-person and will require you to attend these labs on campus. To confirm, please check [the Enrolment & Course Expectations Guide](#).

COURSE SELECTION TIPS!

- You may not be able to view all courses on your Student Portal Enrolment screen. This may be due to one of the following reasons:
 - You did not complete Grade 12 Math, Chemistry, Physics, or Biology. For more information on prerequisites, [click here](#).
 - You scored less than 60% (or equivalent) in grade 12 Math, Chemistry, Physics, or Biology. For more information on prerequisites, [click here](#).
 - The course you want to register in requires you to complete a pre-requisite course with ICM.
- To enrol in PHY100 and/or CHM100, email register@icmanitoba.ca
- Students who do not have high school Biology (year 12 or 40S equivalent) will be required to take BIOL 1000 prior to taking BIOL 1020 and BIOL 1030. BIOL 1000 cannot be held for credit with BIOL 1020 and does not count towards your 30 credit hours required to complete ICM if you take BIOL 1020.
- If there's a recommended course you wish to take that isn't displayed in which you need further clarification, please email register@icmanitoba.ca from your ICM Student Portal email address.



UTP STAGE II: RECREATION MANAGEMENT AND COMMUNITY DEVELOPMENT

UTP STAGE II: RECREATION MANAGEMENT

In the first term, students in **UTP Stage II: Recreation Management** program must take:

- ILS 100 (non-credit, no fee)
- Recommended four UTP Stage II courses (minimum of three courses)

Required credit courses

- STAT 1000 Basic Statistical Analysis 1
- KPER 1200 Physical Activity, Health and Wellness
- KPER 1400 Concepts of Recreation and Leisure
- PSYC 1199* Introduction to Psychology
- Elective Course

COURSE SELECTION TIPS!

- It is important to select a mixture of required and elective courses to balance your course load for your first term.
- *Students who register for PSYC 1199 must enrol in PSYC 1200 the following term with the same instructor to receive credit for PSYC 1199.
- Students who are required to take UTP Stage I Math cannot register in UTP Stage II Math or Science courses and may wish to consult a Student Advisor after registering for courses by emailing advisor@learning.icmanitoba.ca For more information on prerequisites, [click here.](#)
- **This faculty only has a Fall (September) and a Winter (January) intake every year.** Admission to the Winter term is on a space available basis only. Please contact a Student Advisor if you have any questions.



UTP STAGE II: SCIENCE

UTP STAGE II: SCIENCE

In the first term, students in **UTP Stage II: Science** program must take:

- ILS 100 (non-credit, no fee)
- Recommended four UTP Stage II courses (minimum of three courses)

Required credit courses

- To select the best courses for your planned major, review [UM's Academic Calendar](#).
- The University of Manitoba's [First Year Planning Guide](#) is also recommended.
- Important: CHEM1300 lab component will be in-person and will require you to attend these labs on campus. To confirm, please check [the Enrolment & Course Expectations Guide](#).

COURSE SELECTION TIPS!

- You may not be able to view all science courses on your Student Portal Enrolment screen. This may be due to one of the following reasons:
 - You did not complete Grade 12 Math, Chemistry, Physics, or Biology. For more information on prerequisites, [click here.](#)
 - You scored less than 60% (or equivalent) in grade 12 Math, Chemistry, Physics, or Biology. For more information on prerequisites, [click here.](#)
 - The course you want to register in requires you to complete a prerequisite course with ICM.
- To enrol in PHY100 and/or CHM100, email register@icmanitoba.ca .
- Students who do not have high school Biology (year 12 or 40S Equivalent) will be required to take BIOL 1000 prior to taking BIOL 1020 and BIOL 1030. BIOL 1000 cannot be held for credit with BIOL 1020 and does not count towards your 30 credit hours required to complete ICM if you take BIOL 1020.
- If you have applied for UTP Stage II: Engineering but have received acceptance to UTP Stage II: Science, we recommend that you download and read the [Pre-Engineering Planning Guide](#). You may wish to consult a Student Advisor after registering for courses by emailing advisor@learning.icmanitoba.ca
- If there's a recommended course you wish to take that isn't displayed in which you need further clarification, please email register@icmanitoba.ca from your ICM Student Portal email address.



UTP STAGE II: SCIENCE (COMPUTER SCIENCE)

UTP STAGE II: SCIENCE (COMPUTER SCIENCE)

In the first term, students in **UTP Stage II: Science** program must take:

- ILS 100 (non-credit, no fee)
- Recommended four UTP Stage II courses (minimum of three courses)

Required credit courses

- MATH 1300 Vector Geometry & Linear Algebra
- MATH 1500 Introduction to Calculus
- STAT 1000 Basic Statistical Analysis
- *One elective course from the Faculty of Arts:
 - ANTH 1220
 - ECON 1010
 - ECON 1020

COURSE SELECTION TIPS!

- COMP 1500 is a **recommended** elective for this program. It is recommended to take this course in your first term to help you prepare for the upcoming COMP courses.
- It is important to select a mixture of required and elective courses to balance your course load for your first term.
- You may not be able to view all science courses on your Student Portal Enrolment screen. This may be due to one of the following reasons:
 - You did not complete Grade 12 Math, Chemistry, Physics, or Biology. For more information on prerequisites, [click here](#).
 - You scored less than 60% (or equivalent) in grade 12 Math, Chemistry, Physics, or Biology. For more information on prerequisites, [click here](#).
 - The course you want to register in requires you to complete a prerequisite course with ICM.
 - To enrol in PHY100 and/or CHM100, email register@icmanitoba.ca.



COURSE SELECTION TIPS!

- Students who do not have high school Biology (year 12 or 40S Equivalent) will be required to take BIOL 1000 prior to taking BIOL 1020 and BIOL 1030. BIOL 1000 cannot be held for credit with BIOL 1020 and does not count towards your 30 credit hours required to complete ICM if you take BIOL 1020.
- CHEM1300 lab component will be in-person and will require you to attend these labs on-campus. To confirm, please check the [Enrolment & Course Expectations Guide](#).
- If there's a recommended course you wish to take that isn't displayed in which you need further clarification, please email register@icmanitoba.ca from your ICM Student Portal email address.



UTP STAGE II (MIXED ENTRY)



Students in a Mixed Entry program will find this indicated on their Letter of Offer under the ICM Academic Program information.

UTP STAGE II:
AGRICULTURAL AND
FOOD SCIENCES (MIXED
ENTRY)

UTP STAGE II: AGRICULTURAL AND FOOD SCIENCES (MIXED ENTRY)

In the first term, students in **UTPII Agricultural and Food Sciences (Mixed Entry)** program must take:

- AES 100: Academic English (non-credit)
- ILS 100 (non-credit, no fee)
- Recommended four UTP Stage II courses (minimum of three courses)

Required credit courses

- To select the best courses for your planned major, review [UM's Academic Calendar](#).
- The University of Manitoba's [First Year Planning Guide](#) is also recommended.
- Important: CHEM1300 lab component will be in-person and will require you to attend these labs on campus. To confirm, please check [the Enrolment & Course Expectations Guide](#).

COURSE SELECTION TIPS!

- You may not be able to view all courses on your Student Portal Enrolment screen. This may be due to one of the following reasons:
 - You did not complete Grade 12 Math, Chemistry, Physics, or Biology.
 - You scored less than 60% (or equivalent) in grade 12 Math, Chemistry, Physics, or Biology.
 - The course you want to register in requires you to complete a pre-requisite course with ICM.
 - For more information on prerequisites, [click here](#). To enrol in PHY100 and/or CHM100, email register@icmanitoba.ca.
- Students who do not have high school Biology (year 12 or 40S equivalent) will be required to take BIOL 1000 prior to taking BIOL 1020 and BIOL 1030. BIOL 1000 cannot be held for credit with BIOL 1020 and does not count towards your 30 credit hours required to complete ICM if you take BIOL 1020.
- If there's a recommended course you wish to take that isn't displayed in which you need further clarification, please email register@icmanitoba.ca from your ICM Student Portal email address.



UTP STAGE II: ARTS (MIXED ENTRY)

UTP STAGE II: ARTS (MIXED ENTRY)

In the first term, students in **UTP Stage II: Arts (Mixed Entry)** program must take:

- AES 100: Academic English
- ILS 100 (non-credit, no fee)
- A maximum of two credit courses (minimum one)

Recommended credit courses

- ANTH 1220: Cultural Anthropology
- ECON 1010: Introduction to Microeconomic Principles
- ECON 1020: Introduction to Macroeconomic Principles
- MATH 1010*: Applied Finite Mathematics – Faculty of Arts only
- PSYC 1199: Introduction to Psychology (students must enrol in PSYC 1200 the following term to receive credit for PSYC 1199)

COURSE SELECTION TIPS!

- Students may not register for ARTS 1110, ENGL 1400, POLS 1502 or PHIL 1290 until a passing grade in AES100 is obtained. It is recommended that students not register for PSYC 1199 until their second term.
- *MATH1010 has no year 12 or UTP Stage I math pre-requisite requirement (MTH099/MTH103). You may take MATH1010 as your math (M) requirement if your planned program at the University of Manitoba (UM) does not have a prerequisite of MATH1300, MATH1500 or STAT1000.
- To check program requirements please view the [UM's Academic Calendar](#).



UTP STAGE II: BUSINESS (MIXED ENTRY)

UTP STAGE II: BUSINESS (MIXED ENTRY)

In the first term, students in **UTP Stage II: Business (Mixed Entry)** program must take:

- AES 100: Academic English (non-credit)
- ILS 100 (non-credit, no fee)
- A maximum of two required courses (minimum of one course)

Recommended credit courses

- ECON 1010: Introduction to Microeconomic Principles
- ECON 1020: Introduction to Microeconomic Principles
- MATH 1500: Introduction to Calculus
- STAT 1000: Basic Statistical Analysis 1

COURSE SELECTION TIPS!

- Students who are required to take UTP Stage I Math cannot register in UTP Stage II Math courses and may wish to consult a Student Advisor after registering for courses.
- Students may not register for ARTS 1110 or ENGL 1400 or PHIL 1290 until a passing grade in AES 100 is obtained. It is recommended that students do not register for PSYC 1199 until their second term.



UTP STAGE II: ENGINEERING (MIXED ENTRY)

UTP STAGE II: ENGINEERING (MIXED ENTRY)

In the first term, students in **UTP Stage II: Engineering (Mixed Entry)** program must take:

- AES 100: Academic English (non-credit)
- ILS 100: (non-credit, no fee)
- A maximum of two required courses (minimum of one course)

Recommended credit courses

- *CHEM 1300 University 1 Chemistry: Structure and Modelling in Chemistry
- COMP 1012 Computer Programming for Scientists and Engineers
- ENG 1440 Introduction to Statics
- ENG 1450 Introduction to Electrical and Computer Engineering
- ENG 1460 Introduction to Thermal Sciences

(See next page for more courses)

UTP STAGE II: ENGINEERING

- MATH 1210 Techniques of Classical and Linear Algebra
- MATH 1500 Introduction to Calculus
- PHYS 1050 Physics 1: Mechanics
- PHIL 1290 Critical Thinking - **recommended**
complementary studies elective but will only be accessible after completing ILS.

COURSE SELECTION TIPS!

- *CHEM1300 lab component will be in-person and will require you to attend these labs on-campus. To confirm, please check the [Enrolment & Course Expectations Guide](#).
- Even though students may be able to see other available course options, it is important to choose only classes from the above list to get credit in Engineering.
- Students who are required to take UTP Stage I Math cannot register in UTP Stage II Math or Science courses and may wish to consult a Student Advisor after registering for courses by emailing advisor@learning.icmanitoba.ca. For more information on prerequisites, [click here](#).
- If you have applied for UTP Stage II: Engineering but have received acceptance to UTP Stage II: Science, we recommend that you download and read the [Pre-Engineering Planning Guide](#). You may wish to consult a Student Advisor after registering for courses by emailing advisor@learning.icmanitoba.ca



UTP STAGE II: ENVIRONMENT, EARTH, AND RESOURCES (MIXED)

UTP STAGE II: ENVIRONMENT, EARTH, AND RESOURCES (MIXED ENTRY)

In the first term, students in **UTP Stage II: Environment (Mixed Entry)** program must take:

- AES 100: Academic English (non-credit)
- ILS 100: (non-credit, no fee)
- A maximum of two required courses (minimum of one course)

Recommended credit courses

- BIOL 1020 Biology 1: Principles and Themes
- *CHEM 1300: Structure and Modelling in Chemistry
- COMP 1012: Computer Programming for Scientists and Engineers
- ECON 1010: Introduction to Microeconomic Principles
- ENVR 1000: Environmental Science 1
- GEOG 1280: Introduction to Human Geography
- GEOG 1290: Introduction to Physical Geography

More available courses on the next page

UTP STAGE II: ENVIRONMENT, EARTH, AND RESOURCES (MIXED)

Recommended credit courses

- GEOL 1340: The Dynamic Earth
- MATH 1500 Introduction to Calculus
- MATH 1300 Vector Geometry & Linear Algebra
- MATH 1210 Techniques of Classical and Linear Algebra
- PHYS 1050 Physics 1: Mechanics
- STAT 1000 Basic Statistical Analysis

COURSE SELECTION TIPS!

- *CHEM1300 lab component will be in-person and will require you to attend these labs on-campus. To confirm, please check the [Enrolment & Course Expectations Guide](#).
- Students may not register for ARTS 1110, ENGL 1400, POLS 1502 or PHIL 1290 until a passing grade in AES 100 is obtained. It is recommended that students not register for PSYC 1199 until their second term.
- Students with UTP Stage I Math/Physics/Chemistry/Biology conditions may wish to substitute some UTP Stage II courses for UTP Stage I in their first semester.
- Students who are required to take UTP I Math cannot register in UTP II Math classes or BIOL 1020, CHEM 1300, COMP 1012, PHYS 1050. These students should consult a Student Advisor once they are registered by emailing advisor@learning.icmanitoba.ca. For more information on prerequisites, click here.



UTP STAGE II: RECREATION MANAGEMENT AND COMMUNITY DEVELOPMENT (MIXED ENTRY)

UTP STAGE II: RECREATION MANAGEMENT (MIXED ENTRY)

In the first term, Students in **UTP Stage II: Recreation Management (Mixed Entry)** program must take:

- AES 100: Academic English (non-credit)
- ILS 100: (non-credit, no fee)
- A maximum of two required courses (minimum of one course)

Required credit courses

- STAT 1000 Basic Statistical Analysis 1
- KPER 1200 Physical Activity, Health and Wellness
- KPER 1400 Concepts of Recreation and Leisure
- PSYC 1199* Introduction to Psychology
- Elective Course

COURSE SELECTION TIPS!

- It is important to select a mixture of required and elective courses to balance your course load for your first term.
- *Students who register for PSYC 1199 must enrol in PSYC 1200 the following term with the same instructor to receive credit for PSYC 1199.
- Students who are required to take UTP I Math cannot register in UTP II Math courses and may wish to consult a Student Advisor after registering for courses by emailing advisor@learning.icmanitoba.ca For more information on prerequisites, [click here](#).
- Introduction to these subject areas will help you to choose the area in which you wish to specialize when you progress to the second year of the Bachelor of Commerce degree at the University of Manitoba.
- **This faculty only has a Fall/September and a Winter/January intake every year.** Admission to the Winter term is on a space available basis only.



UTP STAGE II: SCIENCE (MIXED ENTRY)

UTP STAGE II: SCIENCE (MIXED ENTRY)

In the first term, students in **UTP Stage II: Science (Mixed Entry)** program must take:

- AES 100: Academic English (non-credit)
- ILS 100: (non-credit, no fee)
- A maximum of two required courses (minimum of one course)

Recommended credit courses:

- BIOL 1020 Biology 1: Principles and Themes
- *CHEM 1300 Structure and Modelling in Chemistry
- COMP 1500 Computing: Ideas and Innovation
- MATH 1500 Introduction to Calculus
- MATH 1300 Vector Geometry & Linear Algebra
- PHYS 1050 Physics 1: Mechanics
- STAT 1000 Basic Statistical Analysis

COURSE SELECTION TIPS!

- *CHEM1300 lab component will be in-person and will require you to attend these labs on-campus. To confirm, please check the [Enrolment & Course Expectations Guide](#).
- Students may not register for ARTS 1110, ENGL 1400, POLS 1502 or PHIL 1290 until a passing grade in AES 100 is obtained. It is recommended that students not register for PSYC 1199 until their second term.
- Students with UTP Stage I Math/Physics/Chemistry/Biology conditions may wish to substitute some UTP Stage II courses for UTP Stage I in their first semester
- Students who are required to take UTP I Math cannot register in UTP II Math classes or BIOL 1020, CHEM 1300, COMP 1010, PHYS 1050. These students should consult a Student Advisor once they are registered by emailing advisor@learning.icmanitoba.ca. For more information on prerequisites, [click here](#).



UTP STAGE II: SCIENCE
(COMPUTER SCIENCE)
(MIXED ENTRY)

UTP STAGE II: SCIENCE (COMPUTER SCIENCE) (MIXED ENTRY)

In the first term, students in **UTP Stage II: Science (Mixed Entry)** program must take:

- AES 100: Academic English (non-credit)
- ILS 100 (non-credit, no fee)
- Recommended four UTP Stage II courses (minimum of three courses)

Required credit courses:

- MATH 1300 Vector Geometry & Linear Algebra
- MATH 1500 Introduction to Calculus
- STAT 1000 Basic Statistical Analysis
- *One elective course from the Faculty of Arts:
 - ANTH 1220
 - ECON 1010
 - ECON 1020

COURSE SELECTION TIPS!

- COMP 1500 is a recommended elective for this program. It is recommended to take this course in your first term to help you prepare for the upcoming COMP courses.
- It is important to select a mixture of required and elective courses to balance your course load for your first term.
- You may not be able to view all science courses on your Student Portal Enrolment screen. This may be due to one of the following reasons:
 - You did not complete Grade 12 Math, Chemistry, Physics, or Biology. For more information on prerequisites, [click here](#).
 - You scored less than 60% (or equivalent) in grade 12 Math, Chemistry, Physics, or Biology. For more information on prerequisites, [click here](#).
 - The course you want to register in requires you to complete a prerequisite course with ICM.
- To enrol in PHY100 and/or CHM100, email register@icmanitoba.ca.



COURSE SELECTION TIPS!

- Students who do not have high school Biology (year 12 or 40S Equivalent) will be required to take BIOL 1000 prior to taking BIOL 1020 and BIOL 1030. BIOL 1000 cannot be held for credit with BIOL 1020 and does not count towards your 30 credit hours required to complete ICM if you take BIOL 1020.
- CHEM1300 lab component will be in-person and will require you to attend these labs on-campus. To confirm, please check the [Enrolment & Course Expectations Guide](#).
- If there's a recommended course you wish to take that isn't displayed in which you need further clarification, please email register@icmanitoba.ca from your ICM Student Portal email address.



SEE YOU
ONLINE
SOON!
