



Ontario High School Course Planning Guide

Plan your pathway to the University of Windsor. Here is a list of Ontario Grade 12 courses which are required for admission along with the high school courses you may need to meet the admission requirements. This chart should be used as a guide, we advise you to consult your guidance counsellor who can better assist with course selections and as always, our recruitment team is here to help with all things UWindsor. Please note that our admission requirements may change, check our website for up-to-date information. uwindsor.ca/programs

Program	Grade 12 Admission Requirements	Grade 12 Course Code	Grade 11 Recommended Prerequisite	Grade 10 Recommended Prerequisite	Grade 9 Recommended Prerequisite
BUSINESS					
Business Administration Business & Psychology	English	ENG4U	ENG3U	ENG2D	ENG1D
Business Administration & Political Science Business Administration & Women's and Gender Studies	One Grade 12U Math	MHF4U / MCV4U / MDM4U	MCR3U (MCF3M)	MPM2D	MPM1D
Business Administration & Computer Science Business Administration & Economics	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Calculus and Vectors**	MCV4U**			
Business Administration & Mathematics	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Calculus and Vectors	MCV4U			
CONCURRENT EDUCATION					
Communication, Media & Film/Education Drama/Education English/Education History/Education Modern Languages/Education Music Education/Education Political Science/Education Psychology/ECE/Education Visual Arts/Education	English	ENG4U	ENG3U	ENG2D	ENG1D
French Studies/Education	English	ENG4U	ENG3U	ENG2D	ENG1D
	Any Grade 12U French	FSF4U / FEF4U / FIF4U	FSF3U / FEF3U / FIF3U	FSF2D / FEF2D / FIF2D	FSF1D / FEF1D / FIF1D
General Science/Education	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Two of: Chemistry / Biology / Physics	Two of: SCH4U/ SBI4U / SPH4U	Two of: SCH3U / SBI3U / SPH3U	SNC2D	SNC1D
	Calculus and Vectors**	MCV4U**	MCR3U	MPM2D	MPM1D
Mathematics/Education	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Calculus and Vectors	MCV4U			
	Physics*	SPH4U*	SPH3U	SNC2D	SNC1D
ENGINEERING					
Civil Engineering	English	ENG4U	ENG3U	ENG2D	ENG1D
Electrical Engineering	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
Environmental Engineering	Chemistry	SCH4U	SCH3U	SNC2D	SNC1D
Industrial Engineering	Physics	SPH4U	SPH3U		
Mechanical Engineering General Engineering	Calculus and Vectors**	MCV4U**	MCR3U	MPM2D	MPM1D

*Recommended **Strongly Recommended



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ARTS, HUMANITIES AND SOCIAL SCIENCES					
Acting Communication, Media & Film Criminology Disability Studies Drama English Family & Social Relations Film Production Greek & Roman Studies History International Relations Law & Politics Liberal Arts & Professional Studies Media Arts & Culture Modern Languages Music Philosophy Political Science Psychology Social Work Sociology Visual Arts Women’s & Gender Studies	English	ENG4U	ENG3U	ENG2D	ENG1D
Aeronautics Leadership	English	ENG4U	ENG3U	ENG2D	ENG1D
	One of: Physics / Advanced Functions / Calculus and Vectors / Mathematics of Data Management	One of: SPH4U / MHF4U / MCV4U / MDM4U	SPH3U / MCR3U	SNC2D / MPM2D	SNC1D / MPM1D
English & Creative Writing	English	ENG4U	ENG3U	ENG2D	ENG1D
	The Writer’s Craft*	EWC4U*			
French Studies	English	ENG4U	ENG3U	ENG2D	ENG1D
Political Science with French Specialization	Any Grade 12U French	FSF4U / FEF4U / FIF4U	FSF3U / FEF3U / FIF3U	FSF2D / FEF2D / FIF2D	FSF1D / FEF1D / FIF1D
Interdisciplinary Arts & Science	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Two of: Chemistry / Biology / Physics	Two of: SCH4U, SBI4U / SPH4U	Two of: SCH3U / SBI3U / SPH3U	SNC2D	SNC1D
	Calculus and Vectors**	MCV4U**	MCR3U	MPM2D	MPM1D
Visual Arts & the Built Environment	English	ENG4U	ENG3U	ENG2D	ENG1D
	Physics	SPH4U	SPH3U	SNC2D	SNC1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Calculus and Vectors*	MCV4U*			
HUMAN KINETICS					
Kinesiology – Movement Science	English	ENG4U	ENG3U	ENG2D	ENG1D
	One of: Biology / Chemistry/ Physics	One of: SBI4U / SCH4U /SPH4U	One of: SBI3U / SCH3U / SPH3U	SNC2D	SNC1D
Sport Management & Leadership	English	ENG4U	ENG3U	ENG2D	ENG1D
	One Grade 12U Math	MHF4U / MCV4U / MDM4U	MCR3U (MCF3M)	MPM2D	MPM1D
NURSING					
Nursing	English	ENG4U	ENG3U	ENG2D	ENG1D
	Biology	SBI4U	SBI3U	SNC2D	SNC1D
	Chemistry	SCH4U	SCH3U		
		One Grade 12 Math	MHF4U / MCV4U / MDM4U	MCR3U (MCF3M)	MPM2D

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Program	Grade 12 Admission Requirements	Grade 12 Course Code	Grade 11 Recommended Prerequisite	Grade 10 Recommended Prerequisite	Grade 9 Recommended Prerequisite
SCIENCE					
Behaviour, Cognition & Neuroscience Biochemistry & Biomedical Sciences (Health Stream) Biochemistry Molecular Biology & Biotechnology Biological Sciences	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Chemistry	SCH4U	SCH3U	SNC2D	SNC1D
	Biology	SBI4U	SBI3U		
	Calculus and Vectors**	MCV4U**	MCR3U	MPM2D	MPM1D
Chemistry	Physics*	SPH4U*	SPH3U	SNC2D	SNC1D
	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Chemistry	SCH4U	SCH3U	SNC2D	SNC1D
	Physics* or Biology	SPH4U* or SBI4U	SPH3U / SBI3U		
Computer Science	Calculus and Vectors**	MCV4U**	MCR3U	MPM2D	MPM1D
	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
Computer Science (Software Engineering Specialization) Computer Science & Mathematics	Calculus and Vectors	MCV4U			
	English	ENG4U	ENG3U	ENG2D	ENG1D
Economics	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Calculus and Vectors**	MCV4U**			
	Mathematics of Data Management**	MDM4U**			
	English	ENG4U	ENG3U	ENG2D	ENG1D
Environmental Studies (BES)	English	ENG4U	ENG3U	ENG2D	ENG1D
Environmental Science (BSc)	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Chemistry	SCH4U	SCH3U	SNC2D	SNC1D
	Biology	SBI4U	SBI3U		
	Physics*	SPH4U*	SPH3U		
	Calculus and Vectors*	MCV4U*	MCR3U	MPM2D	MPM1D
Forensic Science (BFS)	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Chemistry	SCH4U	SCH3U	SNC2D	SNC1D
	Biology	SBI4U	SBI3U		
	Physics**	SPH4U**	SPH3U		
	Calculus and Vectors*	MCV4U*	MCR3U	MPM2D	MPM1D
Forensics (BA)	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Biology	SBI4U	SBI3U	SNC2D	SNC1D
	Calculus and Vectors**	MCV4U**	MCR3U	MPM2D	MPM1D
General Science Interdisciplinary Arts & Science	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Two of: Chemistry / Biology / Physics	Two of: SCH4U / SBI4U / SPH4U	Two of: SCH3U / SBI3U / SPH3U	SNC2D	SNC1D
	Calculus and Vectors**	MCV4U**	MCR3U	MPM2D	MPM1D
Mathematics	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Calculus and Vectors	MCV4U			
Physics Medical Physics	English	ENG4U	ENG3U	ENG2D	ENG1D
	Advanced Functions	MHF4U	MCR3U	MPM2D	MPM1D
	Physics	SPH4U	SPH3U	SNC2D	SNC1D
	Calculus and Vectors**	MCV4U**	MCR3U	MPM2D	MPM1D
	Chemistry*	SCH4U*	SCH4U	SNC2D	SNC2D

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What can I do before University?

- ☐ Consider your interests and passions. Take the time to reflect on your strengths.
- ☐ Research your options by visiting universities and their websites. Find schools that offer your programs of interest.
- ☐ Talk to your guidance counsellor, teachers, parents/guardians. See what resources are available.
- ☐ Use your volunteer hours to explore careers and gain skills in the field.
- ☐ Make the most of a Job Shadow Experience and ask lots of questions about the role.
- ☐ Keep track of your achievements in high school to make the application process easier. It is useful for scholarship applications when listing your academic achievements and more.
- ☐ Sign up for a University Shadow Day and see what it’s like to be a student.
- ☐ Investigate what courses you need in high school to meet the university’s academic requirements.
- ☐ Think about the ways to finance your education - through scholarships, government loans, part-time jobs and more.

Keep an open mind as you learn more about yourself and different careers.

UWindsor program information: uwindsor.ca/programs