

POST-SECONDARY PREREQUISITES

GRADE 12 REQUIREMENTS

KEY: ✓ Course is **required** for program.

R Course is **recommended** for program.

 Program is not offered at this post-secondary.

Note:

1. All programs and prerequisites are subject to change. **Consult the post-secondary institution's website for the most recent information.**
2. The following University of Saskatchewan, University of Regina, and Saskatchewan Polytechnic programs (with gr. 12 prerequisites) require English Language Arts A30 & B30 and a Social Science 30 (History, Social Studies, Native Studies).

You need **Health Science 20** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Medical Laboratory Assistant (Min 70%)			Health Sc.20 or Bio. 30
Phlebotomy			Health Sc. 20 or Bio. 30

You need **Biology 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Agriculture & Bioresources	✓		
Agronomy (diploma or degree)	✓		
Biomedical Sciences	✓		
BioScience Technology (Min. 65%)			✓
Combined Laboratory & X-Ray Technician (Min. 70%)			✓
Cytotechnology (Min. 70%)			Bio. 30 and Chem. 30
Dental Aide (Min. 70%)			✓
Dental Assisting (Min 65%)	✓		✓
Dental Hygiene (Min. 70%)			✓
Dental Therapy (Min. 70%)	✓		
Dentistry	✓		
Kinesiology			
• Kinesiology & Health Studies (U of R)	✓		Bio.30 or Chem. 30 or Physics 30
• Exercise and Sport Studies or Kin/Education (U of S)			
Medicine	✓		
Medical Laboratory Assistant (Min. 70%)			Health Sc.20 or Bio. 30
Medical Laboratory Technology (Min. 70%)			✓

BIOLOGY 30 (CONTINUED) PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Medical Radiologic Technology (Min. 70%)			✓
Nursing (Min. 70%)	✓		✓
Phlebotomy			Health Sc. 20 or Chem. 30
Pharmacy & Nutrition	✓		
Pharmacy Technician (Min. 70%)			✓
Physical Therapy	✓		
Primary Care Paramedic (Min 60%)			Bio. 30 or Chem. 30
Psychiatric Nursing (Min. 70%)			✓
Respiratory Therapy (Min. 70%)			✓
Veterinary Medicine	✓		
Veterinary Technology (Min. 70%)			✓

You need **Physical Science 20** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Cytotechnology – (Min. 70%)			✓
Medical Laboratory Assistant			Phys. Sc. 20 or Chem.30
Phlebotomy			Phys. Sc. 20 or Chem.30
Radiation and Environmental Monitoring Technician			✓

You need **Chemistry 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Agriculture & Bioresources	✓		
Agronomy (diploma or degree)	✓		
Biomedical Sciences (Min. 70%)	✓		
BioScience Technology (Min. 65%)			✓
Chemical Technology (Min. 60%)			✓
Combined Laboratory & X-Ray Technician (Min. 70%)			✓
Computer Systems Technology (Min. 70%)			Chem. 30, Physics 30 or Comp. Sc. 30
Cytotechnology (Min. 70%)			Chem. 30 and Bio. 30
Dental Hygiene (Min. 70%)			✓
Dentistry	✓		
Engineering (Min. 70%)	✓	✓	
Medical Laboratory Assistant (Min. 70%)			Phys. Sc. 20 or Chem. 30
Medical Laboratory Technology (Min. 70%)			✓
Medical Radiologic Technology (Min. 70%)			✓
Medicine	✓		

CHEMISTRY 30 (CONTINUED) PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Nursing (Min. 70%)	✓	✓	
Phlebotomy			Phys. Sc. 20 or Chem. 30
Pharmacy & Nutrition	✓		
Pharmacy Technician (Min. 70%)			✓
Physical Therapy	R		
Primary Care Paramedic (Min. 60%)			Bio. 30 or Chem. 30
Psychiatric Nursing (Min. 70%)			✓
Respiratory Therapy (Min. 70%)			✓
Veterinary Medicine	✓		
Veterinary Technology (Min. 70%)			✓

You need **Physics 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Architectural Technologies (Building Science)			R
Biomedical Sciences (Min. 70%)	✓		
Commercial Pilot			R
Computer Systems Technology (Min. 70%)			Chem. 30, Physics 30 or Comp. Sc. 30
Dentistry	✓		
Design and Manufacturing Engineering Technology (Min. 70%)			✓
Electrical Engineering Technology			✓
Electronic Systems Engineering Technology			✓
Engineering (Min. 70%)	✓	✓	
Engineering Design and Drafting Technology			R
Instrumentation Engineering Technology			✓
Kinesiology:			
• Bachelor of Sport and Recreation Studies (U of R)	Bio.30 and Chem. 30 or Physics 30	Bio.30 or Chem. 30 or Physics 30	
• Exercise and Sport Studies or Kin/Education (U of S)			
Mechanical Engineering Technology (Min. 70%)			✓
Medicine	✓		
Mining Engineering Technology			R
Pharmacy & Nutrition	R		
Veterinary Medicine	✓		

You need **Chemistry 30 OR Physics 30 OR Biology 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Agribusiness (diploma)	✓		
Arts and Science (U of S) Arts (U of R)	Depends on program of study	20 or 30 level Math or Science	
Bachelor of Science in Agribusiness (degree)	✓		
Education See U of S and U of R sites for specific requirements.	Or Earth Sci 30, or Comp. Sci. 30	20 or 30 level Math or Science	
Health Information Management (Min. 70%)			✓
Kinesiology	Bio 30 and Chem. 30 or Physics 30	✓	
Kinesiology and Health Studies--Bachelor of Sport and Recreation Studies		One of Chem. 30, Bio 30, or Physics 30	
Practical Nursing (Min. 65%)			✓
Science	Depends on program of study	Two of Chem. 30, Bio 30, Physics 30, Calc. 30, Comp. Sc. 30 or Earth Sc. 30	
Social Work		20 or 30 level Math or Science	

You need **Workplace and Apprenticeship 20** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Electrician			WA 20, F20 or PC 20
Fabricator Welder			WA 20, F20 or PC 20
Heavy Equipment and Truck and Transport (certificate)			WA 20, F20 or PC 20
Industrial Mechanics			WA 20, F20 or PC 20

You need **Workplace and Apprenticeship (WA) 30 OR Foundations (F) 20 OR Pre-Calculus (PC) 20** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Computer Automated Systems Technician			✓
Computer Networking Technician			✓
Innovative Manufacturing (Min. 60%)			✓

You need **Foundations 30 OR Pre-Calculus 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Agriculture & Bioresources	✓		
Agribusiness (diploma)	✓		
Agronomy (diploma or degree)	✓		
Bachelor of Science in Agribusiness (degree)	✓		
Arts and Science (U of S) (depending on major)			
Arts (U of R) (depending on major)	✓	20 or 30 level Math or Science	
Biomedical Sciences (Min. 70%)	✓ PC 30 recommended		
Business	✓ PC 30 recommended	F 30 or PC 30	
Combined Lab. and X-Ray Technology (Min. 70%)			✓
Commercial Pilot			R
Computer Systems Technology (Min. 70%)			✓
Cytotechnology (Min. 70%)			✓
Dental Aide (Min. 70%)			✓
Dental Assisting	✓		F 20 or F 30 or PC 30
Dental Hygiene			✓
Dental Therapy (Min. 70%)	✓		
Dentistry	PC 30 recommended		
Education (depends on major) See U of S and U of R sites for specific requirements.	✓	20 or 30 level Math or Science	
Health Information Management (Min. 70%)			✓
Kinesiology: • Exercise and Sport Studies (U of S)	✓	PC 30	
Medical Laboratory Assistant (Min. 70%)			F 20 or F 30 or PC 30
Medical Laboratory Tech. (Min. 70%)			✓
Medical Radiologic Tech. (Min. 70%)			✓
Medicine	PC 30 recommended		
Nursing (Min. 70%)	✓ PC 30 recommended		✓
Pharmacy & Nutrition	PC 30 recommended		
Phlebotomy			F 20 or F 30 or PC 30
Physical Therapy	PC 30 recommended		
Power Engineering Technician (Min. 65%)			✓
Power Engineering Technology (Min. 65%)			✓
Psychiatric Nursing (Min. 70%)			✓
Radiation and Environmental Monitoring Technician			F 30
Respiratory Therapy (Min. 70%)			✓
Science	PC 30 recommended		
Veterinary Technology (Min. 70%)			✓

Veterinary Medicine	PC 30 recommended		
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You need **Workplace and Apprenticeship (WA) 30 OR Foundations 30 OR Pre-Calculus 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Agriculture and Food Production			✓
Arts	Depends on program of study	20 or 30 level Math or Science	
Business Information Systems			30 level Math or FIT certificate
Education (depends on major) See U of S and U of R sites for specific requirements.	F 30 or PC 30, and 30 level fine art or language	20 or 30 level Math or Science	
Geographic Information Science (Min. 60%)			✓
Integrated Resource Management (Min. 60%)			✓
Practical Nursing (Min. 65%)			✓
Primary Care Paramedic			✓
Recreation and Tourism Management			✓
Refrigeration and Air Conditioning (Min. 60%)			✓
Resource and Environmental Law (Min. 60%)			✓
Social Work		30 level Math or Science	

You need **Pre-Calculus 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Architectural Technologies (Building Sci.) (Min. 70%)			✓
BioScience Technology (Min. 65%)			✓
Chemical Technology (Min. 60%)			✓
Civil Engineering Technologies (Civil Const. or Water)			✓
Computer Engineering Technology (Min. 60%)			✓
Design and Manufacturing Engineering Technology (Min. 65%)			✓
Electrical Engineering Technology (Min. 60%)			✓
Electronic Systems Engineering Technology (Min. 60%)			✓
Engineering: (Min. 70%)	✓	PC 30 or C30	
Engineering Design and Drafting Technology			✓
Environmental Engineering Technology			✓
Instrumentation Engineering Technology (Min. 60%)			✓

You need **Pre-Calculus 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Kinesiology: • Exercise and Sport Studies or Kin/Education (U of S)	PC 30 or F 30	✓	
Mechanical Engineering Technology (Min. 65%)			✓
Nursing	R		
Mining Engineering Technology (Min. 60%)			✓
Pharmacy	R		
Pharmacy Technician (Min. 70%)			✓
Science	R	✓	

Programs requiring a grade 12:

PROGRAM	SASK. POLYTECHNIC
Accountancy (Business)	✓
Accounting (Certificate)	✓
Automotive Service Technician	✓
Building Systems Technician	✓
Business Certificate and Business Diploma	✓
Child and Youth Care (Certificate and Diploma)	✓
Community Justice Worker	✓
Continuing Care Assistant	✓
Court Services Administrator	✓
Culinary Arts	✓
Digital Marketing (Business)	✓
Disability Support Professional	✓
Early Childhood Education (Diploma)	✓
Educational Assistant	✓
Fabricator Welder	✓
Financial Services (Business)	✓
Food and Nutrition Management	✓
Front-End Web Development	✓
Graphic Communications	✓
Hairstylist	✓
Health Care Cook	✓
Hospitality Management	✓
Human Resources (Business)	✓
Human Resources Management Certificate	✓
Industrial Mechanics	✓
Insurance (Business)	✓
Interactive Design and Technology	✓
Justice Studies	✓
Library and Information Technology (Min. 60%)	ELA A and B 30
Library Clerk	✓
Machinist	✓
Media Production	✓
Medical Device Reprocessing Technician	✓
Mental Health and Addictions Counselling	✓

Municipal Administration (Business)	✓
Occupational Health and Safety	✓
Office Administration	✓
Sport Management (Business)	✓
Therapeutic Recreation	✓
Victim Services Coordination	✓

Programs requiring grade 11:

PROGRAM	SASK. POLYTECHNIC
Agricultural Equipment Technician	20 level Math
Carpentry	20 level Math
Electrician	20 level Math
Plumbing and Pipefitting	✓

Programs requiring grade 10/Open Access:

PROGRAM	SASK. POLYTECHNIC
Applied Project Management	Open Access
Auto Body Technician	✓
Automotive Painter	✓
Bricklayer	✓
Esthetician/Applied Esthetics	✓
Food Service Cook	Open Access
Forest to Fork	
Indigenous Leadership	Open Access
Leadership and Coaching Development	Open Access
Leadership for Safety Professionals	Open Access
Leadership Skills	✓
Parts Management Technician	✓
Parts Person	✓
Production Line Welding	✓
Security Officer	Open Access
Warehouse Worker	
Welding	✓

NB: U of S Education requires a 30-level language (not English) or a fine/performing art.