

POST-SECONDARY PREREQUISITES GRADE 12 REQUIREMENTS

- KEY:**
- ✓ Course is **required** for program.
 - R Course is **recommended** for program.
 - NR Program is offered at this post-secondary, but this course is **not required**.
 - Program is not offered at this post-secondary.

Note:

- All programs and prerequisites are subject to change. Consult the post-secondary institution's website for the most recent information.
- All of 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 – High Demand (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)	✓		
BioScience Technology (Min. 65%)			✓
Combined Laboratory & X-Ray Technician – High Demand (Min. 70%)			✓
Cytotechnology (Min. 70%)			Bio. 30 and Chem. 30
Dental Assisting (Min 65%)			✓
Dental Hygiene – High Demand			✓
Dentistry	✓		
Funeral Service			✓
Kinesiology <ul style="list-style-type: none"> • Kinesiology & Health Studies (U of R) • U of S - competitively ranked 	✓	Bio.30 or Chem. 30 or Physics 30	
Medicine	✓		
Medical Laboratory Assistant–High Demand (Min. 70%)			Health Sc.20 or Bio. 30
Medical Laboratory Technology – High Demand (Min. 70%)			✓
Medical Radiologic Technology – High Demand (Min. 70%)			✓

BIOLOGY 30 (CONTINUED) PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
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 - High Demand (Min. 70%)			✓
Veterinary Medicine	✓		
Veterinary Technology (Min. 70%)			✓

You need **Physical Science 20** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Combined Laboratory & X-Ray Technician – High Demand (Min. 70%)			✓
Cytotechnology – (Min. 70%)			✓
Medical Laboratory Assistant – High Demand			Phys. Sc. 20 or Chem.30
Medical Laboratory Technology – High Demand (Min. 70%)			✓
Medical Radiologic Technology – High Demand (Min. 70%)			✓
Radiation and Environmental Monitoring Technician			Physical Sc. 20 and PC 20
Phlebotomy			Phys. Sc. 20 or Chem.30

You need **Chemistry 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Agriculture & Bioresources	✓		
Agronomy (diploma)	✓		
BioScience Technology (Min. 65%)			✓
Chemical Technology (Min. 60%)			✓
Combined Laboratory & X-Ray Technician – High Demand (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 – High Demand	✓		
Dentistry	✓		
Engineering (Min. 70%): U of S- competitively ranked	✓	✓	

CHEMISTRY 30 (CONTINUED) PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Medical Laboratory Assistant–High Demand (Min. 70%)			Phys. Sc. 20 or Chem. 30
Medical Laboratory Technology – High Demand (Min. 70%)			✓
Medical Radiologic Technology – High Demand (Min. 70%)			✓
Medicine	✓		
Nursing (Min. 70%)	✓	✓	
Phlebotomy			Phys. Sc. 20 or Chem.30
Pharmacy & Nutrition	✓		
Pharmacy Technician (Min. 70%)			✓
Physical Therapy	R		
Power Engineering Technology- High Demand			R
Primary Care Paramedic (Min. 60%)			Bio. 30 or Chem. 30
Psychiatric Nursing - High Demand (Min. 70%)			✓
Veterinary Medicine	✓		
Veterinary Technology (Min. 70%)			✓

You need **Physics 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
CAD/CAM Engineering Technology (Min. 60%)			✓
Commercial Pilot			R
Computer Systems Technology (Min. 70%)			Chem. 30, Physics 30 or Comp. Sc. 30
Dental Hygiene – High Demand			✓
Dentistry	✓		
Electrical Engineering Technology			✓
Electronic Systems Engineering Technology			✓
Engineering (Min. 70%) U of S- competitively ranked	✓	✓	
Instrumentation Engineering Technology			✓
Kinesiology: <ul style="list-style-type: none"> • Bachelor of Sport and Recreation Studies (U of R) • U of S - competitively ranked 	Bio.30 and Chem. 30 or Physics 30	Bio.30 or Chem. 30 or Physics 30	
Mechanical Engineering Technology (Min. 60%)			✓
Medicine	✓		
Mining Engineering Technology			R
Power Engineering Technology- High Demand			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	30 level Math or Science or PC 20	
Bachelor of Science in Agribusiness	✓		
Education	Depends on program of study (or Geology 30)	30 level Math or Science or PC 20	
Health Information Management (Min. 65%)			✓
Kinesiology and Health Studies: U of S- competitively ranked	Bio 30 and Chem. 30 or Physics 30	✓	
Kinesiology and Health Studies--Bachelor of Sport and Recreation Studies		One of Chem. 30, Bio 30, Physics 30 or Comp. Sc. 30	
Practical Nursing- High Demand (Min. 65%)			✓
Science	Depends on program of study	Two of Chem. 30, Bio 30, Physics 30, C 30 or Comp. Sc. 30 or Earth Sc. 30	
Social Work		30 level Math or Science or PC 20	

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

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Electrician			WA 20, F20 or PC 20
Tri Trades Heavy Equipment, Truck & Transport & Automotive Service/Agricultural Machinery Technician			WA 20, F20 or PC 20
Fabricator - Welder			✓

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
Civil Technician (Min 60%)			✓
Building Systems Technician			✓
Computer Networking Technician			✓
Fabricator - Welder			✓
Heavy Equipment & Truck & Transport Technician			✓
Telecommunications Networking Technician			✓

You need **Workplace and Apprenticeship 30 OR Foundations 30 OR Pre-Calculus 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Arts	Depends on program of study	30 level Math, or Science or PC 20	
Business: U of S- competitively ranked	F 30 or PC 30 (PC 30 recommended)	F 30 or PC 30	WA30, F 30 or PC 30

Workplace and Apprenticeship 30 OR Foundations 30 OR Pre-Calculus 30 (Continued):

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Business Information Systems			30 level Math or FIT certificate
Commercial Pilot			R
Education (depends on major)	F 30 or PC 30	30 level Math or Science or PC 20 or Fine Arts 30	
Geographic Info. Science for Resource Management			✓
Integrated Resource Management			✓
Kinesiology: Health Studies only		30 level Math or Science or PC 20	
Multimechanical Trades			✓
Pharmacy Technician (Min. 70%)			✓
Practical Nursing (Min. 65%)			✓
Primary Care Paramedic			✓
Recreation and Community Development			✓
Refrigeration and Air Conditioning			✓
Resource and Environmental Law			✓
Social Work		30 level Math or Science or PC 20	

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

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Agriculture & Bioresources	✓		
Agribusiness (diploma)	✓		
Agronomy (diploma)	✓		
Bachelor of Science in Agribusiness	✓		
Arts and Science (U of S) (depending on major) Arts (U of R) (depending on major)	✓	30 level Math or Science or PC 20	
Business: U of S- competitively ranked	PC 30 recommended	✓	30 level Math
Combined Lab. and X-Ray Technology (Min. 70%)			✓

FOUNDATIONS 30 OR PRE-CALCULUS 30 PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Cytotechnology (Min. 70%)			✓
Dental Assisting			F 20 or F 30 or PC 30
Dental Hygiene - High Demand			✓ (or Calc.30)
Dentistry	PC 30 recommended		
Education (depends on major)	✓	30 level Math or Science or PC 20	
Health Information Management (Min. 65%)			✓
Kinesiology: • U of S - competitively ranked	✓ PC 30 recommended	F 30 or PC 30 for BSRS PC 30 required for Kin.	
Medical Laboratory Assistant–High Demand (Min. 70%)			F 20 or F 30 or PC 30
Medical Laboratory Tech. (Min. 70%)- High Demand			✓
Medical Radiologic Tech. (Min. 70%)- High Demand			✓
Medicine	PC 30 recommended		
Nursing (Min. 70%)	✓ PC 30 recommended		✓
Pharmacy & Nutrition	PC 30 recommended		
Physical Therapy	PC 30 recommended		
Power Engineering Technician (Min. 60%)			✓
Power Engineering Technology- High Demand			✓
Psychiatric Nursing - High Demand (Min. 70%)			✓
Science	PC 30 recommended	PC 30	
Veterinary Technology (Min. 70%)			✓
Veterinary Medicine	PC 30 recommended		

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

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Architectural Technologies: Building Sciences and Interior Design (Min. 70%)			✓
BioScience Technology			✓
CAD/CAM Engineering Technology (Min. 60%)			✓
Chemical Technology (Min. 60%)			✓
Civil Engineering Technologies			✓
Civil Engineering Technology			✓
Computer Engineering Technology (Min. 60%)			✓
Electrical Engineering Technology (Min. 60%)			✓
Electronic Systems Engineering Technology (Min. 60%)			✓
Engineering: U of S- competitively ranked	PC 30 & C 30	C 30 recommended	

PRE-CALCULUS 30 PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Environmental Engineering Technology			✓
Geomatics and Surveying Engineering Technology			✓
Instrumentation Engineering Technology			✓
Kinesiology: • U of S- competitively ranked	PC 30 recommended or F 30	F 30 or PC 30 for BSRS PC 30 required for Kin.	
Mechanical Engineering Technology (Min. 60%)			✓
Medicine	R		
Mining Engineering Technology (Min. 60%)			✓
Pharmacy	R		
Science	R	✓	
Water Resources Engineering Technology			✓

You need for **Computer Science 30 or Information Processing 30** for:

PROGRAM	U OF S	U OF R	SASK. POLYTECHNIC
Health Information Management			✓

Other programs requiring grade 12:

PROGRAM	SASK. POLYTECHNIC
Aboriginal Policing Preparation	✓
Accounting (Certificate)	✓
Addictions Counselling	ELA A30 & B30
Automotive Service Technician	✓
Continuing Care Assistant	✓
Correctional Studies	✓
Court Services Administrator	✓
Disability Support Worker	✓
Early Childhood Education	ELA A30 & B30
Educational Assistant	✓
Entrepreneurship and Small Business	ELA A30 & B30
Food and Nutrition Management	✓
Graphic Communications	✓
Hotel and Restaurant Management	✓
Human Resources Management Certificate	✓
Indigenous Peacekeeping	✓
Library and Information Technology	ELA A30 & B30
Media Arts Production	ELA A30 & B30
Medical Device Reprocessing Technician	✓
Mental Health and Addictions Worker	✓
New Media Communications	✓
Occupational Health and Safety Practitioner	✓
Office Administration	✓
Power Sports Equipment Technician	✓
Retail Manager	✓

Therapeutic Recreation	✓
Victim Services Coordination	✓
Water and Wastewater Technician	✓
Web Site Design and Development	✓
Youth Care Worker	✓

Programs requiring grade 11:

PROGRAM	SASK. POLYTECHNIC
Electrician	20 level Math
Esthetician	✓
Hairstylist	✓
Plumbing and Pipefitting	✓
Radiation and Environmental Monitoring Technician	PC 20 and Phys. Sci. 20

Programs requiring grade 10:

PROGRAM	SASK. POLYTECHNIC
Agricultural Machinery Technician	✓
Auto Body Technician	✓
Bricklayer	✓
Carpentry	✓
Culinary Arts	✓
Food and Beverage Service	✓
Food Service Cook	✓
Industrial Mechanics	✓
Institutional Cooking	Grade 8
Ironworker	✓
Leadership Skills	✓
Machinist	✓
Meat Processing	✓
Parts Management Technician	✓
Parts Person	✓
Production Line Welding	✓
Professional Cooking	✓
Retail Customer Service	✓
Retail Meat Specialist	✓
Security Officer	✓
Stucco Applicator	✓
Underground Mining Core (must be 18 years old)	✓
Underground Mining Raise Boring	✓
Underground Mining Shaft Operation	✓
Warehouse Worker	✓
Welding	✓