



University of Pretoria Yearbook 2017

BScHons Applied Science Chemical Technology (12243004)

Duration of study 1 year

Total credits 128

Programme information

The BScHons (Applied Science) degree is conferred by the following academic departments:

- Chemical Engineering
- Civil Engineering
- Industrial and Systems Engineering
- Materials Science and Metallurgical Engineering
- Mechanical and Aeronautical Engineering
- Mining Engineering

Any specific module is offered on the condition that a minimum number of students are registered for the module, as determined by the head of department and the Dean. Students must consult the relevant head of department in order to compile a meaningful programme, as well as on the syllabi of the modules. The relevant departmental postgraduate brochures must also be consulted.

Admission requirements

An appropriate bachelor's degree, a BTech degree or equivalent qualification is required for admission.

Other programme-specific information

A limited number of appropriate postgraduate modules from other departments are allowed. Not all modules listed are presented each year. Please consult the departmental postgraduate brochure.

Specialisation in Process Technology is possible by registering for specific modules. (Please note that a candidate selecting this option will not be allowed to register for any modules at 700-level before the modules of the first semester at 400-level had been completed successfully.) Please consult the department.

The modules CPB 410, CBI 410 and CSS 420 do not form part of the postgraduate block presentations. Individual arrangements have to be made with the relevant lecturer regarding attendance of lectures, study material, tests and assignments.



Curriculum: Final year

Minimum credits: 128

Core modules

Process integration 732 (CIP 732) - Credits: 32.00

Chemical engineering 707 (CIR 707) - Credits: 32.00

Chemical Engineering 787 (CIR 787) - Credits: 16.00

Carbon materials science research and technology 732 (CMS 732) - Credits: 32.00

Process control 410 (CPB 410) - Credits: 16.00

Product design 732 (CPO 732) - Credits: 32.00

Polymer processing 732 (CPP 732) - Credits: 32.00

Polymer materials science and research 732 (CPW 732) - Credits: 32.00

Reactor design 410 (CRO 410) - Credits: 16.00

Separation technology 732 (CSK 732) - Credits: 32.00

Specialisation 420 (CSS 420) - Credits: 16.00

Additive technology 732 (CYM 732) - Credits: 32.00

Fluoro-materials science research and technology 732 (CFT 732) - Credits: 32.00

Bioprocessing 732 (CBP 732) - Credits: 32.00

Particle technology 410 (CPA 410) - Credits: 16.00

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