



**ECSA**

ENGINEERING COUNCIL OF SOUTH AFRICA

**Degrees Accredited as Meeting the Educational Requirement for Registration as a Candidate  
or Professional Engineer**

**E-20-PE**


**REVISION 33: 19 November 2024**

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**ENGINEERING COUNCIL OF SOUTH AFRICA**

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<b>Document No.:</b> E-20-PE	<b>Revision No.:</b> 32	<b>Effective Date:</b> 19/11/2024	 <b>ECSA</b> <small>ENGINEERING COUNCIL OF SOUTH AFRICA</small>
<b>Subject: University Degrees Accredited as meeting the Educational Requirement for Registration as a Professional Engineer</b>			
<b>Compiled by:</b> Manager	<b>Approved by:</b> Executive SS	<b>Next Review Date:</b> After the next approval meeting	Page 2 of 29
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## 1. PURPOSE


The purpose of this document is to provide surety to graduates who are part of cohorts within the valid timeframes as clearly recorded for each of the degree programmes listed for the different Higher Education Institutions (HEIs), that they have satisfied the **educational requirement** toward registration as Professional Engineers with the Engineering Council of South Africa.

## 2. NOTES

- i. Accreditation means the formal ECSA recognition awarded to an Engineering Programme offered by a registered HEI through a rigorous cyclical quality assurance procedure that ensures it meets the criteria laid down for the type of programme.
- ii. Accreditation criteria are statements of requirements that must be satisfied by a programme to receive accreditation.
- iii. ECSA conducts three four (4) types of Accreditations through a rigorous peer-review and policy-directed process:
  - **REGULAR ACCREDITATION:** An accreditation and institutional visit in alignment with the planned/normal 5-year accreditation cycle for an accredited engineering programme.
  - **PROVISIONAL ACCREDITATION:** an accreditation and institutional visit for a new engineering programme at the mid-point of its implementation after the first cohort of students in the programme has completed 50% of the credits towards the completion of the programme. ECSA recognizes graduates between the year of provisional accreditation and the decision of the first regular accreditation visit.
  - **INTERIM ACCREDITATION:** Accreditation at a time within the regular 5-year accreditation cycle as required by the ECSA Education Committee due to the particular outcomes of a previous accreditation visit.
    - **FINAL ACCREDITATION:** Accreditation of a programme that was given notification of termination of accreditation by the Education Committee after the previous interim accreditation.
- iv. Validity dates for accreditation apply to the year in which the student completes the programme, that is, the last year in which the student is registered with the HEI, after which graduation follows. Where a programme is being phased out or is discontinued the accreditation period is extended by no more than 24 months to allow for a teach-out phase for students in the programme.
- v. In the case of the Afrikaans language universities, the university's name, degree designation and branch of the degree are stated in Afrikaans with the English equivalent in square

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brackets. The abbreviation is not translated.

- vi. The accredited degree fulfils only the educational requirement as the first step towards registration as Professional Engineer: further experiential requirements exist.
- vii. **Washington Accord Recognition:** Engineering programmes accredited by ECSA and are recognized as meeting the initial academic requirements for Professional Engineers in South Africa. International recognition of these programmes is provided through the Washington Accord, which was signed in 1989. Signatories to the Washington Accord have undertaken to make every reasonable effort to ensure that the bodies responsible for registering or licensing professional engineers to practice in its country or territory mutually recognize the substantial academic equivalence of engineering academic programmes accredited by other Accord signatories. ECSA became a signatory to the Washington Accord in 1999. **Other signatories are under no formal obligation to recognize the graduates of accredited programmes prior to 1999.** Individual Accord signatories recognize accredited programmes gained prior to 1999 at their own discretion.
- viii. Further details about the Washington Accord and details of all current signatories with links to all accreditation listing information can be found at: [www.ieagreements.org](http://www.ieagreements.org)
- ix. **List A** in section 3 includes the degree programmes accredited as a result of an accreditation visit to the HEI as per the five-year cycle.
- x. **List B** in section 4 includes degree programmes accredited as a result of an accreditation visit after institutional mergers as required by the DHET, which resulted in a name change of the institution.
- xi. **List C** in section 5 includes degree programmes of South African universities recognized prior to the commencement of formal ECSA accreditation visits.
- xii. The year of the next regular accreditation visit is recorded against programmes that are currently offered.

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### 3. ACCREDITED DEGREES MEETING THE EDUCATIONAL REQUIREMENTS TOWARD REGISTRATION AS A PROFESSIONAL ENGINEER AS RESULT OF AN ACCREDITATION VISIT.

#### 3.1 University of Cape Town


**Qualification:** Bachelor of Science in Engineering

**Abbreviation:** BSc (Eng)

Qualification and Discipline	Duration	Accreditation Period		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BSc(Eng) (Chemical Engineering)	4	1985	2026			x
BSc (Eng) (Civil Engineering)	4	1985	2026			x
BSc (Eng) (Electrical Engineering)	4	1993	2026			x
BSc (Eng) (Mechanical Engineering)	4	1985	2026			x
BSc (Eng) (Mechatronic Engineering)	4	1997	2026			x
BSc (Eng) (Mechanical and Mechatronic)	4	1991	2026			x
BSc (Eng) (Electrical and Computer Engineering)	4	2001	2026			x

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### 3.2 University of KwaZulu-Natal

**Note:** The University of KwaZulu-Natal was founded in 2004 after the merger of the University of Natal and the University of Durban-Westville.

**Qualification:** Bachelor of Science in Engineering


**Abbreviation:** BSc (Eng)

**Note:** Programmes followed by Graduates of the years 2004 and 2005 of the former University of Durban Westville are identified by the addition of “Westville Campus”.

Qualification and Branch	Duration Year	Accreditation Period		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BSc (Eng) (Electrical)	4	2004	2029			x
BSc (Eng) (Agricultural)	4	2004	2029			x
BSc (Eng) (Chemical)	4	2004	2029			x
BSc (Eng) (Electronic)	4	2004	2029			x
BSc (Eng) (Civil)	4	2004	2029			x
BSc (Eng) (Mechanical)	4	2004	2029			x
BSc (Eng) (Computer Engineering)	4	2004	2029			x

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### 3.3 Nelson Mandela University

**Qualification:** Bachelor of Engineering

**Abbreviation:** BEng

Qualification and Branch	Duration Year	Accreditation Period		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BEng (Mechatronics)	4	2007	2029			x

### 3.4 North-West University

**Qualification:** Baccalaureus in Ingenieurswese / Bachelor of Engineering

**Abbreviation:** BIng / BEng


**Note:** North-West University was formed in 2004 after the merger of the Potchefstroom University for Christian Higher Education and the University of the North-West, the latter not having offered any BEng/BSc (Eng) programmes

Qualification and Branch	Duration Year	Accreditation Period		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BEng (Chemical)	4	2004	2026			x
BEng (Chemical with specialization in Minerals Processing Engineering)	4	2004	2026			x
BEng (Electrical & Electronic)	4	2004	2026			x
BEng (Computer & Electronic Engineering)	4	2004	2026			x
BEng (Mechanical Engineering)	4	2004	2026			x

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BEng (Industrial Engineering)	4	2019	2026		x
BEng (Electro-mechanical)	4	2019	2026		x


### 3.5 Universiteit van Pretoria [University of Pretoria]

**Qualification:** Baccalaureus in Ingenieurswese / Bachelor of Engineering  
**Abbreviation:** BIng / BEng

Qualification and Branch	Duration Year	Accreditation		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BIng/BEng (Siviel) [Civil]	4	1983	2027			x
BIng/BEng (Meganies) [Mechanical]	4	1983	2027			x
BIng (Bedryfs) [Industrial]	4	1983	2027			x
BIng/BEng (Mynbou)	4	1983	2027			x
BIng/BEng (Chemies) [Chemical]	4	1983	2027			x
BIng/BEng (Elektries) [Electrical]	4	1983	2027			x
BIng/BEng (Metallurgies) [Metallurgical]	4	1983	2027			x
BIng/BEng (Elektronies) [Electronic]	4	1983	2027			x
BIng/BEng (Rekenaar-Ingenieurswese) Computer Engineering	4	2001	2027			x

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### 3.6 University of Johannesburg (Kingsway Campus, Auckland Park)

**Qualification:** Baccalaureus Ingenieriae /Bachelor of Engineering

**Abbreviation:** BIng / BEng

Note: UJ was formed in 2005 after the merger of Rand Afrikaans University and the Technikon Witwatersrand, the latter not offering BEng/BSc (Eng) programmes

Qualification and Discipline	Duration Year	Accreditation		Accreditation Visit Type		
		From	To	Interim	???	Regular
BIng/BEng (Siviel) [Civil]	4	1986	2027			x
BIng/BEng (Meganië) [Mechanical]	4	1986	2027			x
BIng/BEng (Elektries en Elektronies) [Electrical and Electronic]	4	1986	2027			x

### 3.7 Universiteit van Stellenbosch (University of Stellenbosch)


**Qualification:** Baccalaureus in Ingenieurswese (Bachelor of Engineering)

**Abbreviation:** BIng [B Eng]

Qualification and Branch	Duration Year	Accreditation Period		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BIng/BEng (Chemiese Ingenieurswese) [Chemical Engineering]	4	1982	2028			x
BIng/BEng (Meganië Ingenieurswese) [Mechanical Engineering]	4	1982	2028			x
BIng/BEng (Siviele Ingenieurswese) [Civil Engineering]	4	1982	2028			x

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BIng/BEng (Bedrysingeniëerswese) [Industrial Engineering]	4	1982	2028		x
BIng/BEng (Elektriese- en Elektroniese Ingenieurswese) [Electrical and Electronic Engineering]	4	1993	2028		x
BIng/BEng (Megatronika) [Mechatronic]	4	2005	2028		x

### 3.8 University of the Witwatersrand, Johannesburg


**Qualification:** Bachelor of Science in Engineering

**Abbreviation:** BSc (Eng)

Qualification and Branch	Duration	Accreditation Period		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BSc (Eng) in Chemical Engineering	4	1982	2027			x
BSc (Eng) in Civil Engineering	4	1982	2024	x		
BSc (Eng) in Electrical Engineering	4	1982	2027			x
BSc (Eng) in Mechanical Engineering	4	1982	2027			x
BSc (Eng) in Mining Engineering	4	1982	2027			x
BSc (Eng) in Aeronautical Engineering	4	1988	2027			x
BSc (Eng) in Industrial Engineering	4	1988	2027			x

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BSc (Eng) in Metallurgical and Materials engineering	4	2002	2027		x
BSc (Eng) in Electrical Engineering - Information Option	4	2002	2027		x

### 3.9 Independent Institute of Educators/Monash South Africa (IIE)

**Qualification:** Bachelor of Science in Engineering

**Abbreviation:** BSc (Eng)

Qualification and Branch	Duration	Accreditation Period		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BSc (Eng) in Electrical Engineering	4	2024	2029			x
BSc (Eng) in Mechanical Engineering	4	2024	2029			x

## 4. DEGREE PROGRAMMES ACCREDITED PRE-UNIVERSITY MERGERS AND NAME CHANGES

### 4.1 University of Durban-Westville


**Degree:** Bachelor of Engineering I Bachelor of Science in Engineering

**Abbreviation:** B Eng I BSc (Eng)

**Note:** See University of KwaZulu-Natal for graduates of 2004 and later years

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Degree and Branch	Duration	Accreditation Period	
	Years	From	To
BEng (Mechanical)	4	1984	1989
BEng (Chemical)	4	1984	1989
BEng (Civil)	4	1984	1989
BEng (Electrical)	4	1984	1989
BEng (Electrical Power)	4	1984	1992*
BSc (Eng) (Electrical)	4	1996	2003
BSc (Eng) (Mechanical)	4	1990	2003
BSc (Eng) (Chemical)	4	1990	2003
BSc (Eng) (Civil)	4	1990	2001**
<b>* Up to and including June 1992 examinations</b>			
<b>** Up to end 2001 examinations</b>			

#### 4.2 University of Natal

**Degree:** Bachelor of Science in Engineering


**Abbreviation:** BSc (Eng)

**Notes:** See University of KwaZulu-Natal for graduates of 2004 and later years

Degree and Branch	Duration	Accreditation Period	
	Years	From	To
BSc (Eng) (Electrical)	4	1983	2003
BSc (Eng) (Agricultural)	4	1983	2003

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BSc (Eng) (Chemical)	4	1983	2003
BSc (Eng) (Electronic)	4	1983	2003
BSc (Eng) (Civil)	4	1983	2003
BSc (Eng) (Mechanical)	4	1983	2003
BSc (Eng) (Computer Engineering)	4	2001	2003 *
<b>* Provisional Accreditation</b>			

#### 4.3 Potchefstroom Universiteit vir Christelike Hoër Onderwys


**Degree:** Baccalaureus in Ingenieurswese [Bachelor of Engineering]

**Abbreviation:** BIng [B Eng]

Degree and Branch	Duration	Accreditation Period	
	Years	From	To
BIng (Chemies) [Chemical]	4	1984	2003
BIng (Elektries) [Electrical]	4	1984	2003
BIng (Elektronies) {[Electronic]	4	1984	2003
BIng (Elektries & Elektronies) {[Electrical & Electronic]	4	1984	2003
BIng (Meganies) [Mechanical]	4	1984	2003
BIng (Metallurgies) [Metallurgical]	4	1984	2001
BIng (Chemies met spesialisering iMineraalgenieurswese) [Chemicalwith specialization in	4	1997	2003

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BIng (Materiaal) [Materials]	4	1997	2002
BIng (Rekenaar & Elektroniese Ingenieurswese) B Eng [Computer & Electronic Engineering]	4	2001	2003
BIng (Meganië met spesialisering in Materiale) [Mechanical with specialization in Materials]	4	2001	2003

#### 4.1 Randse Afrikaanse Universiteit [Rand Afrikaans University]


**Degree:** Baccalaureus Ingenieriaë [Bachelor of Engineering]

**Abbreviation:** BIng [BEng]

Degree and Branch	Duration	Accreditation Period	
	Years	From	To
BIng (Siviel) [Civil]	4	1986	2006
BIng (Siviel met Endorsement Inligtingstegnologie) BEng [Civil with Information Technology]	4	2001	2003*
BIng (Meganië) [Mechanical]	4	1986	2006
BIng (Meganië met Endorsement Inligtingstegnologie) B Eng [Mechanical with Endorsement Information Technology]	4	2001	2003*
BIng (Elektries en Elektronies) [Electrical and Electronic]	4	1986	2006
BIng (Elektries en Elektronies met Endorsement Inligtingstegnologie) BEng [Electrical and Electronic with Endorsement Information Technology]	4	2001	2006
<b>* Provisional Accreditation</b>			
<b>* Accredited as a Mechanical Engineering Programme</b>			

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List C: Programmes recognized prior to the commencement of formal accreditation visits.

## 5. DEGREE PROGRAMMES ACCREDITED AS MEETING THE EDUCATIONAL REQUIREMENTS TOWARD REGISTRATION AS A PROFESSIONAL ENGINEER PRIOR TO FORMAL ACCREDITATION VISITS.

### 5.1 University of Cape Town

**Degree:** Bachelor of Science | Bachelor of Science in Engineering


**Abbreviation:** BSc|BSc(Eng)

Degree and Branch	Duration	Accreditation Period	
	Years	From	To
BSc (Civil)	4	1921	1972
BSc (Electrical)	4	1921	1972
BSc (Mechanical)	4	1921	1972
BSc (Chemical)	4	1921	1972
BSc (Applied Chemistry)	4	1921	1972
BSc (Applied and Industrial Chemistry)	4	1921	1972
BSc (Chemical Engineering)	4	1921	1972
BSc (Eng) (Chemical)	4	1973	1984
BSc(Eng) (Civil)	4	1973	1984
BSc (Eng) (Electrical & Electronic)	4	1973	1984
BSc (Eng) (Mechanical); BSc (Eng) (Electrical & Electronic)	4	1973	1984

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## 5.2 University of Natal

**Degree:** Bachelor of Science in Engineering

**Abbreviation:** BSc Eng

Degree and Branch	Duration	Accreditation Period	
	Years	From	To
BSc (Eng) (Civil)	4	1922	1982
BSc (Eng) (Electrical)	4	1922	1982
BSc (Eng) (Mechanical)	4	1922	1982
BSc (Eng) (Agricultural)	4	1951	1982
BSc (Eng) (Chemical)	4	1961	1982
BSc (Eng) (Electronic)	4	1981	1982

## 5.3 Potchefstroomse Universiteit vir Christelike Hoer Onderwys [University of Potchefstroom]


**Degree:** Bachelor of Science / Baccalareus in Ingeneurswese [Bachelor of Engineering]

**Abbreviation:** BSc / BIng [BSc / BEng]

Degree and Branch	Duration	Accreditation Period	
	Years	From	To
BSc (Elektrotegniek) [Electro Technology]	4	1974	1981
BSc (Ingenieurs Chemie) [Engineering Chemistry]	4	1974	1981
BIng (Chemies) [Chemical]	4	1982	1983
BIng (Elektries en Elektronies) [Electrical and Electronic]	4	1982	1983
BIng (Meganies) [Mechanical]	4	1982	1983

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BIng (Metallurgies) [Metallurgical]	4	1982	1983
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#### 5.4 Universiteit van Pretoria [University of Pretoria]


**Degree:** Baccalareus in Ingeenieurswese [Bachelor of Engineering]

**Abbreviation:** BSc(Ing) /BIng [BSc (Eng) / B Eng]

Degree and Branch	Duration	Accreditation Period	
	Years	From	To
BSc (Ing) (Siviel) [Civil]	4	1955	1979
Sc (Ing) (Meganies) [Mechanical]	4	1955	1979
BSc (Ing) (Elektrotegnies) [Electrotechnical]	4	1955	1970
BSc (Ing) (Bedryfs) [Industrial]	4	1957	1979
BSc (Ing) (Chemies) [Chemical]	4	1958	1979
BSc (Ing) (Mynbou) [Mining]	4	1958	1979
BSc (Ing) (Elektries) [Electrical]	4	1970	1979
BSc (Ing) (Metallurgies) [Metallurgical]	4	1973	1979
BSc (Ing) (Elektronies) [Electronic]	4	1975	1979
BIng/BEng (Siviel) [Civil]	4	1980	2027
BIng/BEng (Meganies) [Mechanical]	4	1980	2027
BIng/BEng (Bedryfs) [Industrial]	4	1980	2027
BIng/BEng (Mynbou) [Mining]	4	1980	2027
BIng/BEng (Chemies) [Chemical]	4	1980	2027

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BIng/Beng (Elektries) [Electrical]	4	1980	2027
BIng/BEng (Metallurgies) [Metallurgical]	4	1980	2027
BIng/BEng (Computer)	4	1980	2027
BIng/BEng (Landbou) [Agricultural]	4	1980	1982
BIng/BEng (Elektronies) [Electronic]	4	1980	2027

### 5.5 Randse Afrikaanse Universiteit [Rand Afrikaans University]

**Degree:** Bachelor of Science (Honours) / Baccalareus Ingenieriae [Bachelor of Engineering]

**Abbreviation:** BSc (Hons.)/BIng [BSc (Hons.) / BEng]


Degree and Branch	Duration	Accreditation Period	
	Year	From	To
BSc (Hons) (Elektrotegniek) [Electrotechnical]	4	1971	1981
BIng (Siviël) [Civil]	4	1981	1985
BIng (Meganies) [Mechanical]	4	1981	1985
BIng (Elektries en Elektronies) [Electrical and Electronic]	4	1981	1985

### 5.6 Universiteit van Stellenbosch [University of Stellenbosch]

**Degree:** Bachelor of Science in Engineering  
 Baccalareus indie Natuurwetenskappe en Baccalareus indie Ingenieurswese ge" ntegreerde program [Bachelor of Science and Bachelor of Engineering integrated programme]

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Honneurs Baccalaureus in Ingenieurwesewese [Honours Bachelor of Engineering] Baccalaureus in Ingenieurwesewese [Bachelor of Engineering]

**Abbreviation:** BSc (Ing) / BSc BIng / Hons BIng / BIng  
[BSc (Eng) / Bsc BEng / Hons BEng / BEng]

Degree and Branch	Duration	Accreditation Period	
	Years	From	To
BSc BIng (Elektrotegnies) [Electrotechnical] also designated Elektriese en Elektroniese during this period	5	1946	1979
BSc BIng (Elektrotegnies en Geofisies) [Electrotechnical and Geophysical]	5	1957	1971
BSc BIng (Elektrotegnies Geofisies) [Electrotechnical Geophysical]	5	1960	1971
BSc BIng (Landbou) [Agricultural]	5	1962	1978
BSc BIng (Elektrotegnies Swakstroom) [Electrotechnical Light Current]	5	1962	1971
BSc BIng (Elektrotegnies Swaarstroom) [Electrical Heavy Current]	5	1962	1971
BSc BIng (Lugvaartkunde) [Aeronautical]	5	1966	1967
BSc BIng (Chemies) [Chemical]	5	1968	1977
Hons BIng (Siviel) [Civil]	1	1972	1983
Hons BIng (Werktuigkunde) [Mechanical]	1	1972	1973
Hons BIng (Elektronies) [Electronic]	1	1972	1983
BIng (Meganies) [Mechanical]	4	1974	1977

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BSc (Ing) (Elektronies) [Electronic]	4	1978	1978
BSc (Ing) (Siviel) [Civil]	4	1978	1978
BSc (Ing) (Meganies) [Mechanical]	4	1978	1978
BSc (Ing) {Chemies} [Chemical]	4	1978	1978
BSc (Ing) {Chemies en Ekstraksie Metallurgie} [Chemical and Extraction Metallurgy]	4	1978	1978
BIng (Siviel) [Civil]	4	1972	1981
BIng (Chemies) [Chemical]	4	1972	1981
BIng {Elektrotegnies-Marine} [Electrotechnical-Marine]	5	1972	1979
BIng (Meganies) [Mechanical]	4	1974	1981
BIng (Meganies-Marine) [Mechanical-Marine]	5	1974	1979
BIng (Elektrotegnies) [Electrotechnical]	4	1979	1979
BIng (Bedryfs-Meganies) [Industrial-Mechanical]	4	1981	1981

### 5.7 University of the Witwatersrand, Johannesburg


**Degree:** Bachelor of Science in Engineering

**Abbreviation:** BSc Eng

Degree and Branch	Duration Years	Accreditation Period	
		From	To

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BSc (Eng) (Chemical)	4	1922	1981
BSc (Eng) (Civil)	4	1922	1981
BSc (Eng) (Electrical)	4	1922	1981
BSc (Eng) (Mechanical)	4	1922	1981
BSc (Eng) (Metallurgy)	4	1922	1981
BSc (Eng) (Mining)	4	1922	1981

## 6. DEGREE PROGRAMMES THAT HAVE BEEN DISCONTINUED

### 6.1. University of Cape Town

**Qualification:** Bachelor of Science in Engineering

**Abbreviation:** BSc (Eng)

Qualification and Discipline	Duration (years)	Accreditation period		Accreditation visit type		
		From	To	Interim	Final	Regular
BSc (Eng) (Electrical and Electronic)	4	1985	2000			<b>Discont.</b>
BSc (Eng) (Electrical)	4	2001	2005			<b>Discont.</b>
BSc (Eng) (Materials)	4	1985	2005			<b>Discont.</b>
BSc (Eng) (Electro-Mechanical)	4	1991	2021			<b>Discont.</b>

### 6.2. University of KwaZulu-Natal

**Qualification:** Bachelor of Science in Engineering


**Abbreviation:** BSc (Eng)

**Note:**

- Programmes followed by Graduates of the years 2004 and 2005 of the former

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University of Durban Westville are identified by the addition of “Westville Campus”.

- The University of KwaZulu-Natal was founded in 2004 after the merger of the University of Natal and the University of Durban-Westville.

Qualification and Discipline	Duration (years)	Accreditation period		Accreditation visit type		
		From	To	Interim	Final	Regular
BSc (Eng) (Electrical) Westville Campus	4	2004	2005			<b>Discont.</b>
BSc (Eng) (Mechanical) Westville Campus	4	2004	2005			<b>Discont.</b>
BSc (Eng) (Chemical) Westville Campus	4	2004	2005			<b>Discont.</b>

### 6.3. North-West University

**Qualification:** Baccalaureus in Ingenieurswese / Bachelor of Engineering


**Abbreviation:** BIng / BEng

**Note:** North-West University was formed in 2004 after the merger of the Potchefstroom University for Christian Higher Education and the University of the Northwest, the latter not having offered any BEng/BSc (Eng) programmes.

Qualification and Discipline	Duration n Year	Accreditation Period		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BEng (Mechanical with specialization in Materials)	4	2004	2006			<b>Discont.</b>

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- 6.4. Universiteit van Pretoria [University of Pretoria]**  
**Qualification:** Baccalaureus in Ingenieurswese / Bachelor of Engineering  
**Abbreviation:** BIng / BEng

Qualification and Discipline	Duration Year	Accreditation		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BIng (Landbou) [Agricultural]	4	1983	2007			Discont.

**6.5 University of Johannesburg (Kingsway Campus, Auckland Park)**

**Qualification:** Baccalaureus Ingeneriae /Bachelor of Engineering  
**Abbreviation:** BIng / BEng

**Note:** UJ was formed in 2005 after the merger of Rand Afrikaans University and the Technikon Witwatersrand, the latter not offering BEng/BSc (Eng) programmes


Qualification and Discipline	Duration Year	Accreditation		Accreditation Visit Type		
		From	To	Interim	???	Regular
BIng (Meganiese met Endorsement Inligtingstechnologie) BEng [Mechanical with Endorsement Information Technology]	4	2001	2011*			Discont.
BIng (Elektries en Elektronies met Endorsement Inligtingstechnologie) BEng [Electrical and Electronic with Endorsement Information Technology]	4	2001	2021			Discont.

\* Accredited as a Mechanical Engineering Programme

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## 6.6 Universiteit van Stellenbosch (University of Stellenbosch)

**Qualification:** Baccalaureus in Ingenieurswese (Bachelor of Engineering)

**Abbreviation:** BIng [B Eng]

Qualification and Discipline	Duration Year	Accreditation Period		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BIng (Chemiese rigting Ekstraktiewe Metallurgie) [Chemical-Option Extractive Metallurgy]	4	1982	1993			<b>Discont.</b>
BIng (Bedryfsingenieurswese - Rigting Elektronies) [Industrial Engineering - Option Electronic]	4	1989	2008			<b>Discont.</b>
BIng (Chemiese Ingenieurswese-Mineraal Prosessering) [Chemical Engineering- Mineral Processing]	4	1989	2008			<b>Discont.</b>
BIng (Elektries) [Electrical]	4	1982	1993			<b>Discont.</b>
BIng (Elektronies) [Electronic]	4	1982	1993			<b>Discont.</b>
BIng (Elektries en Elektronies met Rekenaarwetenskap) [Electrical and Electronic with Computer Science]	4	2001	2018			<b>Discont.</b>


## 6.7 University of the Witwatersrand, Johannesburg

**Qualification:** Bachelor of Science in Engineering

**Abbreviation:** BSc (Eng)

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Qualification and Discipline	Duration	Accreditation Period		Accreditation Visit Type		
		From	To	Interim	Final	Regular
BSc (Eng) in the Discipline of Metallurgy	4	1982	2002			<b>Discont.</b>
BSc (Eng) in the Discipline of Metallurgy and Materials Engineering (Physical Metallurgy Option)	4	1988	2002			<b>Discont.</b>
BSc (Eng) in the Discipline of Metallurgy and Materials Engineering (Minerals Process Engineering Option)	4	1988	2002			<b>Discont.</b>
BSc(Eng) Civil Engineering- Environmental Engineering Option)	4	2002	2009			<b>Discont</b>
<b>*Up to end of September 2013</b>						


**List D: Programmes that have been discontinued.**

## 7. Revision History

Revision Number	Revision Date	Revision Details	Approved By
Draft A	22 May 1998	Reformatting Existing list into S & P format	
Revision - 0	11 Jun 1998	Editorial	UAC
Revision – 1	7 Aug 1998	Editorial	UAC
Revision – 2	3 Nov 1998	Stellenbosch and Natal programme updated	UAC
Revision – 3	1 Jun 1999	Tables Reformatted, Notes added, Section 4.7 corrected	UAC

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Revision – 4	28 Jan 2000	UDW programmes updated, minor corrections	UAC
Revision – 5	5 May 2003	Updating CT, UDW, Potch, Pretoria, RAU, Wits programmes	UAC
Revision – 6	17 Feb 2004	Updating Potch, Pretoria, Natal, Stellenbosch & Wits Programmes	UAC
Revision – 7	27 Jul 2004	New names – Potch, UDW & Natal updated, UCT & RAU	UAC
Revision – 8	16 Nov 2004	Updating Stellenbosch, KwaZulu -Natal	UAC
Revision – 9	19 Jul 2005	Correcting Potch/Northwest University & updating UCT & UKZN accreditation status	UAC
Revision – 10	18 Jul 2006	Updating Stellenbosch University, Northwest University & UJ	UAC
Revision – 11	08 Jul 2009	Updating of UKZN & Stellenbosch University	EPAC
Revision – 12	11 Nov 2011	Updating of NWU	EPAC
Revision – 13	18 Jul 2012	Updating NWU	EPAC
Revision – 14	29 Nov 2012	Updating of UP, UCT & Wits	EPAC
Revision – 15	17 Jul 2013	Updating of Wits	EPAC
Revision – 16	11 Nov 2013	Updating of UJ, US, UKZN & NWU	EPAC
Revision – 17	02 Jun 2014	Updating of Stellenbosch	EPAC
Revision – 18	05 Nov 2014	Updating UP, UJ, NMU	EPAC
Revision – 19	25 Feb 2016	Updating UCT & UKZN	EPAC
Revision – 20	31 Jan 2017	Updating NWU	J Cato & EC
Revision – 21	31 Aug 2017	Updating of NWU	J Cato & EC
Revision – 22	07 Mar 2018	Editing UCT programme, reformatting and including different types of accreditation visits. Updating UCT, NWU Wits & UP	J Cato & EC
Revision – 23	10 Apr 2018	Approval	PDSGC
Revision – 24	31 May 2019	Updating UKZN, NWU, US, UJ & UP	Regulatory Function

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Revision – 25	02 Jul 2019	Updating UKZN	Regulatory Function
Revision – 26	04 Nov 2019	Updating UP & NWU	Regulatory Function
Revision – 27	04 Mar 2020	Updating NMW, Wits & UKZN	Regulatory Function
Revision – 28	18 Jun 2020	Updating note 4	Regulatory Function
Revision – 29	26 Aug 2020	Updating due to COVID -19 extension	Regulatory Function
Revision - 30	30 Nov 2020	Updating due to COVID -19 extension	Regulatory Function
Revision - 31	25 May 2023	Updating US, NWU, UCT, NMU, Adding University of Mauritius (UoM), UP, NMU, UJ and WITS	Regulatory Function
Revision - 32	19 November 2024	Updating Nelson Mandela University, UKZN and IIE	Statutory Services

The List for:

University Degrees Accredited as meeting the Educational Requirement for Registration as a Professional Engineer

Revision 32 dated 19 November 2024 and consisting of 30 pages has been reviewed for adequacy by the Business Unit Manager and is approved by the Executive: Statutory Services.




20/11.2024

.....  
Business Unit Manager

Date.....

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<b>Document No.:</b> E-20-PE	<b>Revision No.:</b> 32	<b>Effective Date:</b> 19/11/2024	 <b>ECSA</b> <small>ENGINEERING COUNCIL OF SOUTH AFRICA</small>
<b>Subject: University Degrees Accredited as meeting the Educational Requirement for Registration as a Professional Engineer</b>			
<b>Compiled by:</b> Manager	<b>Approved by:</b> Executive SS	<b>Next Review Date:</b> After the next approval meeting	Page 29 of 29
<b>Date:</b>	<b>Date:</b>		



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Executive: Statutory Services

Date: 21 November 2021  
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