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|---|---------------|--------------------|---|
| ENGINEERING COUNCIL OF SOUTH AFRICA <i>Standards and Procedures System</i> | | |  E C S A |
| University Degrees Accredited as meeting the Educational Requirement for Registration as a Professional Engineer | | | |
| Status: Approved by Engineering Programme Accreditation Committee | | | |
| Document : E-20-PE | Rev-17 | 30 Nov 2011 | |

1. Purpose

The graduates of the degree programmes listed here belonging to that graduating classes of the years shown against each programme have satisfied the educational requirement toward registration as a Professional Engineer with the Engineering Council of South Africa.

2. Notes

1. Validity dates for accreditation apply to the year in which the student completes the programme, that is the last year in which the student was registered at the university.
2. 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 brackets. The abbreviation is not translated.
3. The accredited degree fulfils only the educational requirement toward registration as Professional Engineer: further experiential requirements exist.
4. **List A** in section 3 contains these degree programmes, which have been accredited as a result of an inspection visit to the university on a five-year cycle.
5. **List B** in section 4 contains those degree programmes of South Africa universities recognised prior to the commencement of formal accreditation visits.
6. The year of the next regular evaluation visit (next general review) is shown against programmes that are currently offered.
- 7.. Provisional Accreditation may be granted to a new degree programme, which has been visited when students have completed half the credits for the degree. A regular accreditation visit is required in the year after the first graduates are produced. ECSA recognises graduates between the year of provisional accreditation and the decision of the first regular accreditation.

Lists A and B for the various universities are found in the Sections shown.

| University | List A | List B |
|---|--------|--------|
| University of Cape Town | 3.1 | 4.1 |
| University of Durban-Westville | 3.2 | 4.2 |
| University College of Durban | - | 4.2 |
| University of KwaZulu-Natal (formed by the merger of the University of Natal and University of Durban-Westville in 2004) | 3.3 | |
| University of Natal | 3.4 | 4.3 |
| Nelson Mandela Metropolitan University | 3.5 | |
| North-West University (formed by the merger of the Potchefstroom University for Christian Higher Education & the University of the North-West in 2004) | 3.6 | |
| Potchefstroom University for Christian higher Education | 3.7 | 4.4 |
| University of Pretoria | 3.8 | 4.5 |
| University of Johannesburg (formerly Rand Afrikaans University) | 3.9 | 4.6 |
| University of Stellenbosch | 3.10 | 4.7 |
| University of the Witwatersrand, Johannesburg | 3.11 | 4.8 |

2.1 Washington Accord Recognition

Engineering programmes listed below have been accredited by ECSA and are recognised as meeting the initial academic requirements for Professional Engineer 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 engineering technologists to practise in its country or territory mutually recognise 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 recognise the graduates of accredited programmes prior to 1999. Individual Accord signatories recognise accredited programmes gained prior to 1999 at their own discretion.

Further details about the Washington Accord and details of all current signatories with links to all accreditation listing information can be found at: www.ieagrements.org

List A Accredited as a result of an Accreditation Visit

3. Degree programmes accredited as meeting the educational requirements toward registration as a Professional Engineer as a result of an accreditation visit

3.1 University of Cape Town

Degree: Bachelor of Science in Engineering

Abbreviation: BSc (Eng)

| Degree and Branch | Duration | Accredited | | Next Regular Visit |
|---|----------|------------|------|--------------------|
| | Year | From | To | |
| BSc (Eng) (Chemical Engineering) | 4 | 1985 | 2012 | 2015 |
| BSc (Eng) (Civil Engineering) | 4 | 1985 | 2015 | 2015 |
| BSc (Eng) (Electrical Engineering) | 4 | 1993 | 2012 | 2015 |
| BSc (Eng) (Mechanical Engineering) | 4 | 1985 | 2015 | 2015 |
| BSc (Eng) (Electrical and Electronic) | 4 | 1985 | 1992 | |
| BSc (Eng) (Materials) | 4 | 1985 | 2005 | |
| BSc (Eng) (Electro-Mechanical) | 4 | 1991 | 2015 | 2015 |
| BSc (Eng) (Mechatronic Engineering) | 4 | 1997 | 2012 | 2015 |
| BSc (Eng) (Electrical and Computer Engineering) | 4 | 2001 | 2012 | 2015 |

3.2 University of Durban-Westville

Degree: Bachelor of Engineering / Bachelor of Science in Engineering

Abbreviation: B Eng / BSc (Eng)

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

| Degree and Branch | Duration | Accredited | |
|--|----------|------------|--------|
| | Year | 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** |
| * Up to and including June 1992 examinations | | | |
| ** Up to end 2001 examinations | | | |

3.3 University of KwaZulu-Natal

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

Degree: Bachelor of Science in Engineering

Abbreviation: BSc (Eng)

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

| Degree, Branch and Site of Delivery | Duration | Accredited | | Next Regular Visit |
|---|----------|------------|------|--------------------|
| | Year | From | To | |
| BSc (Eng) (Electrical) Westville Campus | 4 | 2004 | 2005 | |
| BSc (Eng) (Mechanical) Westville Campus | 4 | 2004 | 2005 | |
| BSc (Eng) (Chemical) Westville Campus | 4 | 2004 | 2005 | |
| BSc (Eng) (Electrical) | 4 | 2004 | 2013 | 2013 |
| BSc (Eng) (Agricultural) | 4 | 2004 | 2013 | 2013 |
| BSc (Eng) (Chemical) | 4 | 2004 | 2013 | 2013 |
| BSc (Eng) (Electronic) | 4 | 2004 | 2013 | 2013 |
| BSc (Eng) (Civil) | 4 | 2004 | 2013 | 2013 |
| BSc (Eng) (Mechanical) | 4 | 2004 | 2013 | 2013 |
| BSc (Eng) (Computer Engineering) | 4 | 2004 | 2013 | 2013 |

3.4 University of Natal

Degree: Bachelor of Science in Engineering

Abbreviation: BSc (Eng)

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

| Degree and Branch | Duration | Accredited | |
|----------------------------------|----------|------------|--------|
| | Year | From | To |
| BSc (Eng) (Electrical) | 4 | 1983 | 2003 |
| BSc (Eng) (Agricultural) | 4 | 1983 | 2003 |
| 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 * |

* Provisional Accreditation

3.5 Nelson Mandela Metropolitan University

Degree: Bachelor Engineering

Abbreviation: BEng

| Degree and Branch | Duration | Accredited | | Next Regular Visit |
|---------------------|----------|------------|------|--------------------|
| | Year | From | To | |
| BEng (Mechatronics) | 4 | 2007 | 2014 | 2014 |

3.6 North-West University

Note: North West University was formed in 2004 by the merger of the Potchefstroom University for Christian Higher Education and the University of North-West, the latter having no BEng/BSc(Eng) programmes)

Degree: Baccalareus in Ingenieurswese [Bachelor of Engineering]

Abbreviation: BIng [B Eng]

| Degree and Branch | Duration | Accredited | | Nex Regular Visit |
|---|----------|------------|------|-------------------|
| | Year | From | To | |
| BIng (Chemies) [Chemical] | 4 | 2004 | 2012 | 2016 |
| BIng (Elektries & Elektronies) [Electrical & Electronic] | 4 | 2004 | 2012 | 2016 |
| BIng (Meganies) [Mechanical] | 4 | 2004 | 2013 | 2016 |
| BIng (Chemiese met spesialisering in Mineraalingenieurswese) [Chemical with specialisation in Minerals Engineering] | 4 | 2004 | 2012 | 2016 |
| BIng (Rekenaar & Elektroniese Ingenieurswese) B Eng [Computer & Electronic Engineering] | 4 | 2004 | 2012 | 2016 |
| BIng (Meganies met spesialisering in Materiale) [Mechanical with specialisation in Materials] | 4 | 2004 | 2006 | |

3.7 Potcheftstroomse Universiteit vir Christelike Hoër Onderwys

Degree: Baccalareus in Ingenieurswese [Bachelor of Engineering]

Abbreviation: BIng [B Eng]

| Degree and Branch | Duration | Accredited | |
|---|----------|------------|------|
| | Year | 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 in Mineraalingenieurswese) [Chemical with specialisation in Minerals Engineering] | 4 | 1997 | 2003 |
| BIng (Materiaal) [Materials] | 4 | 1997 | 2002 |
| BIng (Rekenaar & Elektroniese Ingenieurswese) B Eng [Computer & Electronic Engineering] | 4 | 2001 | 2003 |
| BIng (Meganies met spesialisering in Materiale) [Mechanical with specialisation in Materials] | 4 | 2001 | 2003 |

3.8 Universiteit van Pretoria [University of Pretoria]

Degree: Baccalareus in Ingenieurswese [Bachelor of Engineering]

Abbreviation: BIng [BEng]

| Degree and Branch | Duration | Accredited | | Next Regular Visit |
|---|----------|------------|------|--------------------|
| | Year | From | To | |
| BIng (Siviel) [Civil] | 4 | 1983 | 2012 | 2012 |
| BIng (Meganies) [Mechanical] | 4 | 1983 | 2012 | 2012 |
| BIng (Bedryfs) [Industrial] | 4 | 1983 | 2012 | 2012 |
| BIng (Mynbou) [Mining] | 4 | 1983 | 2012 | 2012 |
| BIng (Chemies) [Chemical] | 4 | 1983 | 2012 | 2012 |
| BIng (Elektries) [Electrical] | 4 | 1983 | 2012 | 2012 |
| BIng (Mettalurgies) [Metallurgical] | 4 | 1983 | 2012 | 2012 |
| BIng (Landbou) [Agricultural] | 4 | 1983 | 2007 | |
| BIng (Elektronies) [Electronic] | 4 | 1983 | 2012 | 2012 |
| BIng (Rekenaar-Ingenieurswese) [Computer Engineering] | 4 | 2001 | 2012 | 2012 |

3.9 Randse Afrikaanse Universiteit [Rand Afrikaans University]

Degree: Baccalareus Ingenieriae [Bachelor of Engineering]

Abbreviation: BIng [BEng]

| Degree and Branch | Duration | Accredited | |
|--|----------|------------|--------|
| | Year | From | To |
| BIng (Siviel) [Civil] | 4 | 1986 | 2006 |
| BIng (Siviel met Endorsement Inligtingstegnologie) BEng [Civil with Information Technology] | 4 | 2001 | 2003* |
| BIng (Meganies) [Mechanical] | 4 | 1986 | 2006 |
| BIng (Meganiese met Endorsement Inligtingstegnologie) BEng [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 |
| * Provisional Accreditation | | | |
| ** Accredited as a Mechanical Engineering Programme | | | |

3.10 University of Johannesburg (Kingsway Campus, Auckland Park)

Note: UJ was formed in 2005 by merger of Rand Afrikaans University and the Technikon Witwatersrand, the latter having no BEng/BSc(Eng) programmes.

Degree: Baccalareus Ingenieriae [Bachelor of Engineering]

Abbreviation: BIng [BEng]

| Degree and Branch | Duration | Accredited | | Next Regular Visit |
|--|----------|------------|------|--------------------|
| | Year | From | To | |
| BIng (Siviel) [Civil] | 4 | 1986 | 2013 | 2016 |
| BIng (Meganies) [Mechanical] | 4 | 1986 | 2013 | 2016 |
| BIng (Meganiese met Endorsement Inligtingstegnologie) BEng [Mechanical with Endorsement Information Technology] | 4 | 2001 | 2013 | 2016 |
| BIng (Elektries en Elektronies) [Electrical and Electronic] | 4 | 1986 | 2013 | 2016 |
| BIng (Elektries en Elektronies met Endorsement Inligtingstegnologie) BEng [Electrical and Electronic with Endorsement Information Technology] | 4 | 2001 | 2013 | 2016 |
| | | | | |

3.11 Universiteit van Stellenbosch [University of Stellenbosch]

Degree: Baccalareus in Ingenieurswese [Bachelor of Engineering]

Abbreviation: BIng [B Eng]

| Degree and Branch | Duration | Accredited | | Next Regular Visit |
|---|----------|------------|------|--------------------|
| | Year | From | To | |
| BIng (Chemiese Ingenieurswese) [Chemical Engineering] | 4 | 1982 | 2013 | 2013 |
| BIng (Chemiese rigting Ekstraktiewe Metallurgie) [Chemical – Option Extractive Metallurgy] | 4 | 1982 | 1993 | 2013 |
| BIng (Meganiese Ingenieurswese) [Mechanical Engineering] | 4 | 1982 | 2013 | 2013 |
| BIng (Siviele Ingenieurswese) [Civil Engineering] | 4 | 1982 | 2013 | 2013 |
| BIng (Bedrysingenieurswese) [Industrial Engineering] | 4 | 1982 | 2013 | 2013 |
| BIng (Bedryfsingenieurswese - Rigting Elektronies) [Industrial Engineering - Option Electronic] | 4 | 1989 | 2008 | |
| BIng (Chemiese Ingenieurswese-Mineraal Prossessering) [Chemical Engineering-Mineral Processing] | 4 | 1989 | 2008 | |
| BIng (Elektries) [Electrical] | 4 | 1982 | 1993 | |
| BIng (Elektronies) [Electronic] | 4 | 1982 | 1993 | |
| BIng (Elektriese- en Elektroniese Ingenieurswese) [Electrical and Electronic Engineering] | 4 | 1993 | 2013 | 2013 |
| BIng (Elektries en Electronies met Rekenaarwetenskap) [Electrical and Electronic with Computer Science] | 4 | 2001 | 2013 | 2013 |
| BIng (Megatronika) [Mechatronic] | 4 | 2005 | 2013 | 2013 |

3.12 University of the Witwatersrand, Johannesburg

Degree: Bachelor of Science in Engineering

Abbreviation: BSc (Eng)

| Degree and Branch | Duration | Accredited | | Next regular Visit |
|---|----------|------------|------|--------------------|
| | Year | From | To | |
| BSc (Eng) in the Branch of Metallurgy | 4 | 1982 | 2002 | |
| BSc (Eng) in the Branch of Chemical Engineering | 4 | 1982 | 2012 | 2012 |
| BSc (Eng) in the Branch of Civil Engineering | 4 | 1982 | 2012 | 2012 |
| BSc (Eng) in the Branch of Electrical Engineering | 4 | 1982 | 2012 | 2012 |
| BSc (Eng) in the Branch of Mechanical Engineering | 4 | 1982 | 2012 | 2012 |
| BSc (Eng) in the Branch of Mining Engineering | 4 | 1982 | 2012 | 2012 |
| BSc (Eng) in the Branch of Aeronautical Engineering | 4 | 1988 | 2012 | 2012 |
| BSc (Eng) in the Branch of Metallurgy and Materials Engineering (Physical Metallurgy Option) | 4 | 1988 | 2002 | |
| BSc (Eng) in the Branch of Industrial Engineering | 4 | 1988 | 2012 | 2012 |
| BSc (Eng) in the Branch of Metallurgy and Materials Engineering (Minerals Process Engineering Option) | 4 | 1988 | 2002 | |
| BSc (Eng) in the Branch of Metallurgical and Materials Engineering | 4 | 2002 | 2012 | 2012 |
| BSc (Eng) Civil Engineering – Environmental Engineering Option | 4 | 2002 | 2012 | 2012 |
| BSc (Eng) Electrical Engineering – Information Option | 4 | 2002 | 2012 | 2012 |

List B

Programmes recognised prior to the commencement of formal accreditation visits

4. Degree programmes accredited as meeting the educational requirements toward registration as a Professional Engineer prior to formal accreditation visits

4.1 University of Cape Town

Degree: Bachelor of Science / Bachelor of Science in Engineering

Abbreviation: BSc / BSc (Eng)

| Degree and Branch | Duration | Accredited | |
|--|----------|------------|------|
| | Year | 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 and Electronic) | 4 | 1973 | 1984 |
| BSc (Eng) (Mechanical) | 4 | 1973 | 1984 |

4.2 University of Durban-Westville (from 1973) (Formerly University College of Durban (1961-1972))

Degree: Bachelor of Engineering

Abbreviation: B Eng

| Degree and Branch | Duration | Accredited | |
|-------------------|----------|------------|------|
| | Year | From | To |
| BEng (Mechanical) | 6 | 1970 | 1980 |
| BEng (Chemical) | 6 | 1970 | 1980 |
| BEng (Civil) | 6 | 1970 | 1980 |
| BEng (Electrical) | 6 | 1970 | 1980 |
| BEng (Mechanical) | 4 | 1981 | 1983 |
| BEng (Chemical) | 4 | 1981 | 1983 |
| BEng (Civil) | 4 | 1981 | 1983 |
| BEng (Electrical) | 4 | 1981 | 1983 |

4.3 University of Natal

Degree: Bachelor of Science in Engineering

Abbreviation: BSc (Eng)

| Degree and Branch | Duration | Accredited | |
|--------------------------|----------|------------|------|
| | Year | 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 |

4.4 Potchefstroomse Universiteit vir Christelike Hoër Onderwys [University of Potchefstroom]

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

Abbreviation: BSc / BIng [BSc / BEng]

| Degree and Branch | Duration | Accredited | |
|---|----------|------------|------|
| | Year | 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 |
| BIng (Metallurgies) [Metallurgical] | 4 | 1982 | 1983 |

4.5 Universiteit van Pretoria [University of Pretoria]

Degree: Baccalareus in Ingeneurswese [Bachelor of Engineering]

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

| Degree and Branch | Duration | Accredited | |
|---|----------|------------|------|
| | Year | From | To |
| BSc (Ing) (Siviël) [Civil] | 4 | 1955 | 1979 |
| BSc (Ing) (Meganië) [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 (Siviël) [Civil] | 4 | 1980 | 1982 |
| BIng (Meganië) [Mechanical] | 4 | 1980 | 1982 |
| BIng (Bedryfs) [Industrial] | 4 | 1980 | 1982 |
| BIng (Mynbou) [Mining] | 4 | 1980 | 1982 |
| BIng (Chemies) [Chemical] | 4 | 1980 | 1982 |
| BIng (Elektries) [Electrical] | 4 | 1980 | 1982 |
| BIng (Metallurgies) [Metallurgical] | 4 | 1980 | 1982 |
| BIng (Landbou) [Agricultural] | 4 | 1980 | 1982 |
| BIng (Elektronies) [Electronic] | 4 | 1980 | 1982 |

4.6 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 | Accredited | |
|---|----------|------------|------|
| | Year | From | To |
| BSc (Hons) (Elektrotegniek) [Electrotechnical] | 4 | 1971 | 1981 |
| BIng (Siviël) [Civil] | 4 | 1981 | 1985 |
| BIng (Meganië) [Mechanical] | 4 | 1981 | 1985 |
| BIng (Elektries en Elektronies) [Electrical and Electronic] | 4 | 1981 | 1985 |

4.7 Universiteit van Stellenbosch [University of Stellenbosch]

| | |
|----------------------|--|
| Degree: | Bachelor of Science in Engineering |
| | Baccalaureus in die Natuurwetenskappe en Baccalaureus in die Ingenieurswese geïntegreerde program [Bachelor of Science and Bachelor of Engineering integrated programme] |
| Abbreviation: | Honneurs Baccalaureus in Ingenieurswese [Honours Bachelor of Engineering] |
| | Baccalaureus in Ingenieurswese [Bachelor of Engineering] |
| | BSc (Ing) / BSc BIng / Hons BIng / BIng [BSc(Eng) / Bsc BEng / Hons BEng / BEng] |

| Degree and Branch | Duration | Accredited | |
|--|----------|------------|------|
| | Year | From | To |
| BSc (Ing) (Siviel) [Civil] | 5 | 1945 | 1956 |
| BSc (Ing) (Werktuigkunde) [Mechanical] | 5 | 1945 | 1970 |
| BSc (Ing) (Elektrotegnies) [Electrotechnical] | 5 | 1945 | 1956 |
| BSc BIng (Siviel) [Civil] | 5 | 1957 | 1979 |
| BSc BIng (Werktuigkunde) [Mechanical] also designated Meganies during this period | 5 | 1945 | 1979 |
| 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 |
| 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 |

4.8 University of the Witwatersrand, Johannesburg

Degree: Bachelor of Science in Engineering

Abbreviation: BSc (Eng)

| Degree and Branch | Duration | Accredited | |
|------------------------|----------|------------|------|
| | Year | From | To |
| 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 |

5. Revision History

| Version | Date | Revision approved by | Nature of revision |
|-----------------|------------------|----------------------|---|
| Draft - A | 22 May 1998 | | Reformatting existing list into S&P format |
| Revision - 0 | 11 June 1998 | UAC | Editorial |
| Revision - 1 | 7 August 1998 | UAC | Editorial |
| Revision - 2 | 3 November 1998 | UAC | Stellenbosch and Natal programmes updated |
| Revision - 3 | 1 June 1999 | UAC | Tables Reformatted, Notes added, Section 4.7 corrected |
| Revision - 4 | 28 January 2000 | UAC | UDW programmes updated, minor corrections |
| Revision - 5 | 5 May 2003 | UAC | Updating CT, UDW, Potch, Pretoria, RAU, Wits programmes |
| Revision - 6 | 17 February 2004 | UAC | Updating Potch, Pretoria, Natal, Stellenbosch & Wits programmes |
| Revision - 7 | 27 July 2004 | UAC | New names – Potch, UDW & Natal Updated UCT & RAU |
| Revision – 8 | 16 November 2004 | UAC | Updating Stellenbosch, Kwazulu –Natal |
| Revision - 9 | 19 July 2005 | UAC | Correcting Potch/North-West University & updating UCT & UKZN accreditation status |
| Revision - 10 | 18 July 2006 | UAC | Updating Stellenbosch University, North-West University & University of Johannesburg. |
| Revision - 11 | 12 November 2008 | EPAC | Updating of UKZN & Stellenbosch University |
| Revision - 12 | 08 July 2009 | EPAC | Updating of NMMU accreditation status |
| Revision – 13.1 | 29 November 2010 | EPAC | Updating of UCT & UKZN status |
| Revision - 14 | 31 January 2011 | EPAC | Amendment to UCT BEng Elec & Electro |
| Revision - 15 | 22 June 2011 | EPAC | Amendment to the merger details of NWU |
| Revision - 16 | 20 July 2011 | EPAC | Updating of NWU & NMMU accreditation status |
| Revision - 17 | 22 Nov 2011 | EPAC | Updating of UKZN & UJ accreditation status |