IT Degree

Definition of IT Degree in this talk

› IT degrees
  - BCST, BCST(Adv)
  - BIT
  - BIT combined

› BE(SE), BSc, BSc(Adv) have different rules which are out of the scope here

<table>
<thead>
<tr>
<th></th>
<th>BCST(Adv)</th>
<th>BIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do Adv units?</td>
<td>Yes</td>
<td>Optional</td>
</tr>
<tr>
<td>Credit average required</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Number of years</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>
Comparison of BCST (pre-2013 and from 2013)

This colour represents core units

<table>
<thead>
<tr>
<th>Year</th>
<th>Before 2013</th>
<th>From 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year</td>
<td>INFO1103, INFO1105, ENGG1805, 12 cps Maths</td>
<td>INFO1103, INFO1105, ENGG1805, ELEC1601, 12 cps Maths</td>
</tr>
<tr>
<td></td>
<td>CS Stream: ELEC1601</td>
<td>NO stream differentiation</td>
</tr>
<tr>
<td></td>
<td>IS Stream: INFO1003</td>
<td></td>
</tr>
<tr>
<td>Second Year</td>
<td>INFO2120, INFO2110, 6 cps MATH/STAT</td>
<td>INFO2120, INFO2110, COMP2129, COMP2007, 6 cps MATH/STAT</td>
</tr>
<tr>
<td></td>
<td>CS Stream: COMP2129, COMP2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IS Stream: SYS2140, INFO2315</td>
<td></td>
</tr>
<tr>
<td>Third Year</td>
<td>INFO3402</td>
<td>INFO3402</td>
</tr>
<tr>
<td></td>
<td>CS Stream: COMP3615</td>
<td>IS Stream: SYS3401, SYS3400</td>
</tr>
<tr>
<td></td>
<td>four 3000-level COMP/INFO/SYS/EL EC units</td>
<td>four 3000-level SYS/INFO/COMP/E LEC units</td>
</tr>
<tr>
<td></td>
<td>IS Stream: SYS3401, SYS3400</td>
<td>four 3000-level SYS/INFO/COMP/E LEC units</td>
</tr>
</tbody>
</table>

If you started your IT degree before 2013, you only have to follow the rules of “Before 2013” above, the “From 2013” does not apply to you.

COMPUTER SCIENCE STREAM

FIRST YEAR

› Starting IT degree before 2013
- INFO1103
- INFO1105/1905
- ENGG1805
- ELEC1601
- 12 cps of MATH1xxx

› Starting IT degree from 2013
- INFO1103
- INFO1105/1905
- ENGG1805
- ELEC1601
- 12 cps of MATH1xxx

NO DIFFERENCE
SECOND YEAR

Starting IT degree before 2013
- INFO2120
- INFO2110
- COMP2029
- COMP2007/2907
- MATH/STAT2xxx
  - MATH2069 recommended

Starting IT degree from 2013
- INFO2120
- INFO2110
- COMP2029
- COMP2007/2907
- one more COMP2xxx
  - MATH/STAT2xxx
  - MATH2069 recommended

MATH2069 is just a recommendation. Students can take any 2000-level MATH/STAT uos

THIRD YEAR

Starting IT degree before 2013
- BCST
  - INFO3402
  - COMP3615
  - four (COMP3xxx or INFO3xxx)
- BCST(Adv) and BIT
  - INFO3402
  - INFO3600
  - three (ISYS/INFO/COMP/ELEC3xxx)¹

Starting IT degree from 2013
- BCST
  - INFO3402
  - INFO3220
  - COMP3615
  - four (COMP3xxx or INFO3xxx)
- BCST(Adv) and BIT
  - INFO3402
  - INFO3220
  - INFO3600
  - three (ISYS/INFO/COMP/ELEC3xxx)¹

BCST(Adv) must have two other Adv units of study
¹BIT combined degree students only take one unit of study
INFORMATION SYSTEMS STREAM

FIRST YEAR

› **Starting IT degree before 2013**
  - INFO1103
  - INFO1105/1905
  - ENGG1805
  - INFO1003
  - 12 cps of MATH1xxx

› **Starting IT degree from 2013**
  - INFO1103
  - INFO1105/1905
  - ENGG1805
  - ELEC1601
  - 12 cps of MATH1xxx

SECOND YEAR

› **Starting IT degree before 2013**
  - INFO2120
  - INFO2110
  - ISYS2140
  - INFO2315
  - MATH/STAT2xxx
  - STAT2012 recommended

› **Starting IT degree from 2013**
  - INFO2120
  - INFO2110
  - ISYS2140
  - COMP2029
  - COMP2007/2907
  - MATH/STAT2xxx
  - STAT2012 recommended

**STAT2012 is just a recommendation. Students can take any 2000-level MATH/STAT uos**
THIRD YEAR

› Starting IT degree before 2013
  - BCST
    - INFO3402
    - ISYS3401
    - ISYS3400
    - three (ISYS3xxx or INFO3xxx)
  - BCST(Adv) and BIT
    - INFO3402
    - ISYS3401
    - INFO3600
    - Two (ISYS/INFO/COMP/ELEC3xxx)

› Starting IT degree from 2013
  - BCST
    - INFO3402
    - ISYS3401
    - ISYS3400
    - four (ISYS3xxx or INFO3xxx)
  - BCST(Adv) and BIT
    - INFO3402
    - ISYS3401
    - INFO3600
    - three (ISYS/INFO/COMP/ELEC3xxx)¹

BCST(Adv) must have two other Adv units of study
¹BIT combined degree students only take one unit of study

BIT or BIT COMBINED DEGREES

FOURTH YEAR (NO CHANGE)

› Hons
  - INFO5993, INFO4991, INFO4992, INFO4999
  - Four other COMP/INFO/ISYS/ELEC5xxx (but not the exclusion units)

› Without Hons
  - Eight COMP/INFO/ISYS/ELEC5xxx (but not the exclusion units)
FOURTH YEAR

› **Exclusion Units**
  - COMP5028 Object-Oriented Design
  - COMP5138 Database Management Systems
  - COMP5206 Introduction to Information Systems
  - COMP5211 Algorithms
  - COMP5212 Software Construction
  - COMP5213 Computer and Network Organisation
  - COMP5214 Software Development in Java
  - INFO5001 Systems Analysis and Modelling
  - INFO5003 Information Technology for Health Professionals
  - INFO5990 Professional Practice in IT
  - INFO6007 Project Management in IT

UNITS DELETED FROM 2014

› COMP3456 (Computational Methods for Life Sciences), Sem2
NEW UNITS FROM 2014

› **3000-level**
  - Sem2
    - INFO3406 Introduction to Data Analytics

› **5000-level**
  - Sem1
    - COMP5313 Large Scale Networks
    - COMP5349 Cloud Computing
  - Sem2
    - COMP5427 Usability Engineering
    - COMP5216 Mobile Computing

  - **Summer**
    - INFO5060 Data Analytics and Business Intelligence
  - **Winter**
    - ISYS5070 Change Management in IT

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SPECIAL PERMISSION in 2014

› Sem2
  - COMP3109 Programming Languages & Paradigm
Units Introduced This Year (2013)

› **2000-level**
  - Sem1
    - COMP2022 Formal Languages & Logic

› **3000-level**
  - Sem2
    - COMP3530 Discrete Optimization

› **5000-level**
  - Sem2
    - INFO6012 IT Strategy and Value

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FIND MORE DETAILS

1. Go to Faculty of Engineering & IT website
2. Click the last link of the Navigation Menu on the left, which is CUSP (Course and Units of Study Database)
3. Type the unit code in the text entry box and press <go>

[http://cusp1.sydney.edu.au/students/view-units-page/did/742](http://cusp1.sydney.edu.au/students/view-units-page/did/742)
MORE INFORMATION

› Please note the pre-requisite of the unit of study you want to enrol.

› If you have problem to enrol to a unit (e.g. does not have the pre-requisite), please go to the following link

NEED MORE HELP

› You can contact one of the members in the Undergraduate
  - Dr Vera Chung (vera.chung@sydney.edu.au)
  - Dr Josiah Poon (josiah.poon@sydney.edu.au)
  - A/Prof Bing Zhou (bing.zhou@sydney.edu.au)

› You are recommended to use email to make an appointment rather than simply dropping in.