

# SIMON FRASER UNIVERSITY

## MEMORANDUM

**To:** Senate

**From:** Roger Blackman, Chair  
Senate Committee on Undergraduate Studies

**Subject:** High School Admission Requirements  
(SCUS Reference 05-16)

**Date:** June 23, 2005

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*XRBlackman*

Action undertaken by the Senate Committee on Undergraduate Studies at its meeting of June 14, 2005 gives rise to the following motion:

"That Senate approve the 10 new provincially authorized courses as suitable List 3 Grade 12 courses in the Science group (no provincial exams) for university admission, as a result of the Ministry of Education discontinuing INT 12."

Supporting documentation is attached.

X-Sender: watt@popserver.sfu.ca  
Date: Tue, 28 Jun 2005 17:34:29 -0700  
To: Bobbie Grant <bgrant@sfu.ca>  
From: Alison Watt <Alison\_Watt@sfu.ca>  
Subject: INT 12 replacement - memo etc.

SCUS 05-16 (Revised)

In 2004 we were advised by the Ministry of Education that the course  
INT 12 Information Technology 12 would be discontinued at the end of the 2005/06 school year.

This is a provincially-authorized course which SFU applicants may use as a  
List 3 science group elective to satisfy the fifth grade 12 course  
requirement for university admission. It has been regularly counted in the  
admission averages of many applicants.

In the place of INT 12, a number of related new provincially-authorized  
courses are available to BC/YT schools.

ICTC 12 Applied Digital Communications 12

ICTM 12 Digital Media Development 12

ICTP 12 Computer Programming 12 ICTS 12 Computer Information Systems 12 ICTX 12 Information &  
Communications Technology Survey 12

and their French language medium equivalents:

ICTCF 12 Comms numerique appl 12 ICTMF 12 Devt medias numeriques 12

ICTPF 12 Program par ordinateur 12

ICTSF 12 Systemes informatiques 12

ICTXF 12 Tech info & comms explorat 12

Course design is modular. There are Gr 11 equivalent courses, but there is  
no strict prerequisite structure.

These courses may be offered optionally in 2004/05 and 2005/06 (current year  
and next year) and with full implementation by 2006/07, when INT 12 is no  
longer valid.

In order to determine whether the new courses should be used for admission  
to SFU, the Faculty of Applied Sciences and School of Computing Science were  
consulted. The Integrated Resource Packages for the new courses were made  
available. In early September 2004, the Associate Dean gave an unofficial  
response - prior to consideration by FAS committees - ICTP 12 and ICTM 12  
looked like promising courses for List 3 Science and Fine and Performing  
Arts groups respectively. In the meantime, FAS was engaged in the process  
of a formulating an overall revision to its entrance requirements (now  
almost complete).

The following response was received on 25 May from Dr. B. Bart, School of  
Computing Science:

"Our UPC has reviewed the IT 11/12 documents and the committee felt that  
these were "strong documents" with "sensible choices" in their curriculum.

In its implementation, it was felt that teachers might be ill-equipped to  
teach the VB, Java, C++, UML etc required of them. It was suggested that --  
SFU's School of Computing Science could offer Grade 11/12 teachers  
courses/workshops on such topics, in coordination with the PD program of the  
school boards."

I submit this to SCUS as a recommendation that the 10 new courses listed above be accepted as suitable List 3 Grade 12 courses (no provincial exams) for university admission.

I am assuming that they should be in the sciences group.

We requested and received some comments from a school that offers 3 of these courses. I will share these comments with SCUS members, if they would be useful.

Nick Heath  
Admissions

X-Sender: watt@popserver.sfu.ca  
Date: Wed, 29 Jun 2005 11:47:05 -0700  
To: Bobbie Grant <bgrant@sfu.ca>  
From: Alison Watt <Alison\_Watt@sfu.ca>  
Subject: Fwd: IT 11/12 Curriculum Document  
X-Virus-Scanned: by antibody.sfu.ca running antivirus scanner

X-Sender: nheath@popserver.sfu.ca  
Date: Tue, 28 Jun 2005 16:37:42 -0700  
To: Alison Watt <Alison\_Watt@sfu.ca>  
From: Nick Heath <nheath@sfu.ca>  
Subject: Fwd: IT 11/12 Curriculum Document  
X-Virus-Scanned: by antibody.sfu.ca running antivirus scanner

From: Bradley Bart <bbart@cs.sfu.ca>  
Subject: IT 11/12 Curriculum Document  
To: nheath@sfu.ca  
Date: Wed, 25 May 2005 11:04:22 -0700 (PDT)  
Cc: raheber@sfu.ca  
X-Mailer: ELM [version 2.5 PL2]  
X-Virus-Scanned: by antibody.sfu.ca running antivirus scanner  
X-Whitelisted: sfu

Hi Nick,

Our UPC has reviewed the IT 11/12 documents and the committee felt that these were "strong documents" with "sensible choices" in their curriculum.

In its implementation, it was felt that teachers might be ill-equipped to teach the VB, Java, C++, UML, etc.. required of them. It was suggested that SFU's School of Computing Science could offer Grade 11/12 teachers courses/workshops on such topics, in coordination with the PD program of the school boards.

Please keep us apprised of any further developments with the high school computing curriculum.

Sincerely,

Brad Bart.

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