

"something old, something new..."

MULTI-MODULES TO OFFER "PROBLEM ORIENTED" APPROACH SPANNING TRADITIONAL DISCIPLINES

● "An atmosphere of intellectual excitement against a background of innovation and enquiry" describes a new academic program being planned by the Faculty of Arts.

Called "multi - modules", the program covers three problem - oriented course groupings and is designed to provide students with an interdisciplinary approach. Traditionally, most academic majors have centered on a single subject area, with emphasis often more upon content than application. The new program begins with the problem or application and then correlates existing courses that bear upon the problem area.

Three multi - modules will be introduced in September:

1. International Studies
2. Environmental Planning
3. Taiga Studies ("Taiga" is defined in the dictionary as: "The far northern regions of North America")

International Studies, as an example, will draw upon existing courses in fields such as Political Science, Economics, History and Sociology. Students will be encouraged to attempt to relate appropriate aspects of each subject within each of the disciplines as they bear upon the broad problem area of International Studies.

An appropriate premise is: aspects of International Studies do not exist in a vacuum, but are inter - related. For example, a political upheaval (political science) may be prompted by an imbalance of personal earning (economics) which may stem from peer group differentials (sociology) that arise from alterations that developed decades before (history). One aspect cannot be studied or interpreted without the others.

Tim Ryan, Dean of the Faculty of Arts, said, "These multi - disciplinary modules are designed to offer a realistic and comprehensive view of a particular area of study, as seen by various departments, even faculties.

"They present to the student a variety of disciplinary methods," he added "and are designed, through emphasis of study and reflection, to extend the boundaries of knowledge and the horizon of the human intellect."

What prompted the Faculty of Arts to develop these programs? Dean Ryan replied, "This multi - disciplinary aspect and the current trend towards combined fields of concentration are obviously, in my opinion, responses to the increasing complexity of contemporary life".

The Dean noted that the programs have been evolved following months of study by faculty members. "Changing the curriculum at a university," he observed, "is like moving a graveyard. The physical problems fall before the issue of sanctity and sacrilege. However, while change does not necessarily assume progress, progress implacably requires change".

Although three new programs are to be introduced in September, the number reflects a "go slow" attitude. Dean Ryan and others involved with planning the multi - modules believe that the traditional disciplinary approach can be further re-structured to better reflect the "problem-oriented" concept. They have two more such programs under serious study for possible introduction in September, 1971. Others are under consideration. The response by students and faculty participants in the three multi - module offerings and the ability of members of both groups to "inter - relate" and "correlate" in a problem - oriented approach will help determine the scope of the multi - module program.

THE PROVINCIAL BUDGET & LAKEHEAD U.

● Given the economic necessity for restraint in spending by the Government of Ontario, the University feels that the 1970 provincial budget was fair and adequate.

The value of the Basic Income Unit (the University's income per weighted student) will rise from the current \$1556 (\$1530 plus \$26 for computer equipment) to \$1650 in 1970/71, an increase of 6%. The University has also been informed that it may expect a further increase in the B.I.U. in 1971/72 of 4.8%, to a total unit value of \$1730. Dr. Tamblyn welcomed the announcement of the B.I.U. value two years in advance as a considerable aid to orderly planning.

The 6% raise in the unit value was slightly more than the University had been planning for, but the resultant increase in formula grants was largely off-set by a smaller emergent grant than anticipated. (The emergent grant is a provincial subsidy for emerging universities.) The University had been told in March 1969 that it could use as a basis for planning for 1970/71 a projected emergent grant

ENVIRONMENTAL PLANNING					
YEAR I	Five courses from the first year program including Geography 1a6 and either Biology 1d6 or 1a6 and Economics 1a6. A first year course is the normal prerequisite for further work in a subject.				
YEAR II (five courses)	GEOG 2a6 2e6 2j6	GEOL 1a6	ECON 2e6	BIO	ANCILLARY
YEAR III (five courses)	3h6 3e6 3a6			3d6	One elective
Courses listed above are mandatory.					

TAIGA STUDIES							
Year I (five courses)	Five courses from the first year program including Anthropology 1a6 and/or Sociology 1a6. A first year course is the normal prerequisite for further work in a subject.						
Year II (five courses)	ANTHRO 2b6	SOC 2c6 2f6 2g6 2h6	ECON	HIST/ GEO. H2a6 G2j6	BIO/ GEO. B3d6 G1a6	POLI SCI 2d6	FORESTRY 100 101 102
Year III (five courses)	3b6 4a6 4b6 4c6	4a6	3g6 3h6	H3c6 G3e6	B4n3 B5d3	4e6	
During the three years a total of five courses must be selected from either Anthropology or Sociology. The other five courses are elective from the courses shown.							

INTERNATIONAL STUDIES							
YEAR I (five courses)	Five courses from first year program including Political Science 1a6. A first year course is the normal prerequisite for further work in a subject.						
YEAR II (five courses)	POLI SCI 2c6 2e6	ECON 2a6	HIST 2a6 2f6 2h6	BIO 2b6 2g6 2k6	SOC 2c6 2f6 2g6		
YEAR III (five courses)	3b6 3d6 4b6 4d6	3c6 3f6	3a6 3d6 3g6	3c6 3e6	3b6 3f6	3g6	
During the three years, select five courses in Political Science and five electives from the four disciplines.							

of 20% of its formula income. We have now been informed that for 1970/71, our emergent grant has been fixed at \$1,100,000 (or roughly 16% of formula income). Based on the estimated enrollment, therefore, the net increase in anticipated revenue will be \$55,000 which will be largely devoted to salaries, mainly academic. Emergent grants in subsequent years have been fixed at \$700,000 (1971/72) and \$350,000 (1972/73).

Due to a declining emergent grant, government grants per student will actually be lower in the coming year, despite the increase in the B.I.U. value. This is illustrated on page two, which shows the average government grant per full - time equivalent student (the average formula fee and the average weight are based upon 1969/70 data).

Notwithstanding these shortcomings in the Capital Formula, the University's building program will proceed as planned. Construction will begin this year on a 20,000 N.A.S.F. library extension, a 10,000 N.A.S.F. athletic building extension, and a 5,000 N.A.S.F.

(continued)

BUDGET-continued

power house extension. Detailed planning for a new 40,000 N.A.S.F. academic building will also begin this year. The library extension will partially alleviate the overcrowded situation which now exists, while the athletic building extension will provide much needed space for dressing, laundry and dispensing rooms and for faculty offices.

The total capital expenditures for the 1970/71 fiscal year will be approximately \$2,497,000 of which \$1,793,000 will be provided by the government. The balance of over \$700,000 will have to be provided by the University from other sources, for example the Development Fund, and perhaps through borrowing. Dr. Tamblyn was disappointed that in 1970/71 the government has provided only \$300,000 in capital allocations for non-formula projects such as site services, equipment for the power house and utilities extension, although the estimated cost of these projects is \$1,080,000.

Summer Studies in Mexico

●Six weeks of sun and studies at one of the world's most unusual centres for learning will await students enrolled in Lakehead University's Spanish Summer Session in Mexico this year.

The Spanish program will be a combination of intensive learning and cultural activities at the Latin-American Centro Intercultural De Documentacion (CIDOC) at Guenevaca, near Mexico City. CIDOC is not a university, but a meeting place for humanists whose common concern is the effect of social and ideological change on man.

One of the founders of CIDOC is Dr. Ivan Illich, a humanist and thinker who is profoundly committed to Latin America and her future.

An interview with Illich recently appeared in the McGill University "Reporter." Dr. Illich commented that CIDOC itself began in 1960 as a language school for adults interested in social change in Latin America. A library was later added and seminars were offered in two of its rooms. The CIDOC library and archives now compromise a documentation centre for a unique set of materials on Latin America, including manuscripts and documents not readily available in North America.

This spring, CIDOC held a conference on alternatives in education with seminar leaders such as anti - Schoolmen like author John Holt, Peter Schrag and Illich himself - and the people who attended the conference were invited to think out radical alternatives to the way things are in education theory and practice.

Language classes at CIDOC are actually small, informal discussions. Usually the instruc-

	68 69	69 70	70 71	71 72
Value of B.I.U. (including computer grant)	1455	1556	1650	1730
Average Formula Fee Per Weighted F.T.E. Student	362	362	362	362
Average Formula Grant	1093	1194	1288	1368
% Emergent Grant	30%	25%	16%	10%
Average Emergent Grant	436	389	264	173
Average Government Grant per Weighted F.T.E. Student	1529	1583	1552	1541
Average Weight	1.21	1.21	1.21	1.21
Average Government Grant per F.T.E. Student	1850	1915	1878	1865

In fiscal 1971/72, the cost of completing the extensions to the library, the athletic building and the power house, and of proceeding with the construction of the new academic building will approximate \$3,325,000 while formula financing will provide only \$3,158,000. The \$167,000 balance will again have to be provided from other sources. No non-formula allocations for individual universities in 1971/72 has been made by the government at this time. The University anticipates, however, that it will receive considerably more than \$300,000 provided in 1970/71. The estimated non-formula costs in that year will be \$1,340,000.

Dr. Tamblyn concluded by stating that the grants to L.U. were a welcome reflection of the comment by the Minister of University Affairs that "education continues to be the number one priority of the Government of Ontario."

In other areas of the University's operating budget, the government has continued its support of the Black Sturgeon Biology Station in the amount of \$30,000. The Faculty of Education continues to be supported by separate, non-formula grants. The University is looking forward to the time when Education students will be included in

the formula system.

Dr. Tamblyn was pleased with the government's decision to make allowances for part-time students and for Lakehead University's emergent situation in the Capital Grants Formula. He felt, however, that the announcement of 100% government support of the approved costs of capital projects, rather than the 95% provided in the current year, was subject to misinterpretation. Since there has been no raise in the cost per square foot allocation since the introduction of the Interim Capital Formula in 1968, the University will be forced to find other funds to complete its capital projects. "The allocation of \$55 per net assignable square foot is simply inadequate to plan, build and equip a building today, especially in North-western Ontario with our higher costs for material," said Dr. Tamblyn. Also, the standard allowance under the Interim Capital Formula of 96 net assignable square feet (n.a.s.f.) per weighted student was not the result of careful study of students' actual space requirements but a reflection of the limits on the government's ability to finance capital expenditures in the universities.

THIS WEEK

10 am	MON. APRIL 27 Mathematics Departmental Meeting	Rm. 428.3	9 am-5 pm	Youth Theatre Reh.	Agora
12:15	Board of Governors Meeting	Senate Chambers	9 am-5 pm	FRI. MAY 1 N.W. High School Drama Festival	Aud.
7 pm	Cambrian Players & Lakehead Choral Group Rehearsal for "My Fair Lady"	Aud. Fac. Lounge	7 pm	N.W. Ont. Secondary School Athletic Association Meeting	Board Room
8 pm	L.U. Alumni Association Spring Meeting		8 pm	"My Fair Lady"	Fac. of Ed. gym
7 pm	TUES. APRIL 28 Rehearsal - My Fair Lady	Aud.	9 am	L.U. Drama Club Youth Theatre Prod.	Agora
1:30 pm	WED. APRIL 29 Extension and Summer Session Meeting	Little Din. Rm.	5 pm	SAT. MAY 2 N. W. High School	
8 pm	AMS Meeting	Board Room	7 pm	Drama Festival Rehearsal "My Fair Lady"	Aud.
9 am	THURS. APRIL 30 N.W. Ont. High Sch. Drama Festival	Aud.	8 pm	L.U. Drama Club Youth Theatre Prod.	Agora
8 pm	L.U. Drama Club		7 pm	SUN. MAY 5 W.U.S.C. Meeting "My Fair Lady"	Rm. 1023 Aud.
			8 pm	L. U. Drama Club Youth Theatre Prod.	Agora

tor/student ratio is 1:3. Examinations or grades are not given at the centre although special exams and marks will be given to Lakehead University students in the Spanish Summer program.

The LU courses will commence on June 30 and run for six weeks ending about mid-August.

Further information on the Spanish Summer Session program and CIDOC will be given at a special illustrated lecture in the Aesthetics Lounge on Monday, April 27 at 7:30 p.m. All people interested in the courses are invited to attend.

●Chief Librarian, Eric Belton reports that the Lakehead University Library is honoring the bicentennial of Beethoven and the centenary of Stephen Leacock and Charles Dickens with displays of their works in the Library display cases.

●L.U. WEEK is published weekly by the Dept. of Information Services at Lakehead University, Oliver Road, Thunder Bay, Ont. and distributed free of charge to faculty, students, administrative staff and friends of the University. Copy should be sent to the Information Office by 5 p.m. on Wednesday for publishing in the following WEEK.

Judy B. Breakey, Editor
Gail Keffer, Secretary
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