

Lipids training described

Results of a 1976 survey of food science departments on training opportunities in fats and oils technology, as well as lipid chemistry and biochemistry in food science departments, have been compiled by Dr. E.G. Perkins of the AOCS Education Committee (Table I on the next page).

Some universities offer courses but no advanced degrees. Others provide the opportunity for a graduate student to develop his own course of study and research to qualify for an advanced degree even though the department does not have specific classes.

While this initial survey was limited to food science departments, continuing follow-up surveys will not be. Persons knowing of other departments within the univer-

sities listed in Table I, or of programs at other institutions, are asked to send the name of the department (and department chairman, if known) with as complete an address as possible to: JAOCS Training Survey, American Oil Chemists' Society, 508 S. Sixth St., Champaign, IL 61820.

The survey will prove useful to students seeking information about where advanced training is available as well as to industrial firms seeking potential employees. AOCS Headquarters has occasionally received letters from the United States and other countries asking for names of institutions offering advanced training in these fields. Copies of the current survey have been used to reply to such inquiries.

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TABLE I

Food Science Departments Awarding M.S. and Ph.D. Degrees in Fats and Oil Technology, Lipid Chemistry and Biochemistry

	Fat & Oil Tech.		Lipid Chemistry		Lipid Biochemistry	
	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.
Univ. of Alberta, Edmonton, Alb., Canada	+	+	+	+	-	-
Auburn University, Auburn, AL	-	-	-	-	+	+
Univ. of British Columbia, Vancouver, Can.	+	+	+	+	-	-
Univ. of California, Davis, CA	+	-	+	+	+	+
Clemson University, Clemson, SC	-	-	-	-	+	+
Cornell University, Ithaca, NY	+	+	+	+	+	+
Univ. of Georgia, Athens, GA	-	-	+	+	-	-
Univ. of Guelph, Guelph, Ont., Canada	+	+	-	-	+	+
Univ. of Illinois, Urbana, IL	+	+	+	+	+	+
Universite de Laval, Quebec, Canada	-	-	-	-	+	+
Louisiana State University, Baton Rouge, LA	+	+	-	-	+	+
University of Manitoba, Winnipeg, Manitoba, Canada	-	-	+	+	+	+
Univ. of Maryland, College Park, MD	+	+	+	+	+	+
MIT, Cambridge, MA	-	-	+	+	+	+
Univ. of Massachusetts, Amherst, MA	-	-	+	+	-	-
Michigan State Univ., East Lansing, MI	+	+	+	+	+	+
University of Minnesota, St. Paul, MN	-	-	+	+	+	+
University of Missouri, Columbia, MO	-	-	+	+	-	-
Oregon State University, Corvallis, OR	-	-	-	-	+	+
Pennsylvania State Univ., University Park, PA	-	-	+	+	-	-
Univ. of Rhode Island, Kingston, RI	-	-	+	+	-	-
Rutgers State University, New Brunswick, NJ	+	+	+	+	-	-
Texas A&M University, College Station, TX	+	+	+	+	+	+
Univ. of Wisconsin, Madison, WI	-	-	+	+	-	-

Lecture and Lab Hours Offered in the Areas of Fats and Oil Technology, Lipid Chemistry and Biochemistry

	Fat & Oil Tech.		Lipid Chemistry		Lipid Biochemistry	
	Lecture Hrs	Lab Hrs	Lecture Hrs.	Lab Hrs	Lecture Hrs	Lab Hrs
University of Alberta, Edmonton, Alb., Can.	0	0	Total lecture hrs for LC & LBC: 36			
Auburn University, Auburn, AL	0	0	0	0	5	0
Brigham Young University, Provo, UT	1½	0	1½	0	3 in BC Dept.	0
Univ. of British Columbia, Vancouver, Can.	2	0	2	0	0	0
Univ. of California, Davis, CA	5	0	25	0	30	0
Calif. State Polytechnic Institute, San Luis Obispo, CA	5	9	0	0	0	0
Clemson University, Clemson, SC	0	0	0	0	3	0
Cornell University, Ithaca, NY	2-3	4	2	0	0	0
Univ. of Georgia, Athens, GA	0	0	2	1	0	0
Univ. of Guelph, Guelph, Ont., Canada	2	3	3	3	0	0
Univ. of Illinois, Urbana, IL	15	10	42	12	42	3
Iowa State University, Ames, IA	8	12	8-15	0	0	0
Univ. of Kentucky, Lexington, KY	2	0	5	12	6	4
Universite de Laval, Quebec, Canada	0	1-6	0	1-6	0	1-6
Louisiana State University, Baton Rouge, LA	0	0	0	0	15	15
Univ. of Maryland, College Park, MD	(1) combination course in Lipid Chemistry and Biochemistry					
MIT, Cambridge, MA	6	0	16	8	36	12
Univ. of Massachusetts, Amherst, MA	0	0	2	3	0	0
Michigan State University, East Lansing, MI	2	3	3	0	4	0
Univ. of Minnesota, St. Paul, MN	30	30	40	30	20	0
Univ. of Missouri, Columbia, MO	0	0	12	4	12	8
Univ. of Nebraska, Lincoln, NB	2	0	1	0	0	0
N. Carolina State University, Raleigh, NC	0	0	0	0	**	**
Ohio State University, Columbus, OH	15	6	26	6	5	0
Oregon State University, Corvallis, OR	(1) combination course in Lipid Chemistry and Biochemistry					
Pennsylvania State Univ., University Park, PA	2-3 qtr.	0	4-6 qtr.	8+ qtr.	4-6 qtr.	***
Purdue University, West Lafayette, IN	0	0	0	0	2	0
Univ. of Rhode Island, Kingston, RI	0	0	3	0	2	1
Rutgers State Univ., New Brunswick, NJ	0	0	3	*	0	0
Texas A&M University, College Station, TX	6	0	0	0	2	0
Virginia Polytechnic Inst., Blacksburg, VA	2	3	2	4 qtr.	1 qtr.	0
Washington State Univ., Pullman, WA	0	0	0	0	1	0
Univ. of Wisconsin, Madison, WI	0	0	0	0	0	0
Univ. of Wisconsin, River Falls, WI	0	0	2 qtr.	0	6 qtr.	6 qtr.

* By arrangement

** Some lipid biochemistry in food chemistry courses but no major concentration

*** variable

Unless otherwise designated, the figures represent lecture and lab hours each week. "qtr." indicates the number of actual class hours each quarter.