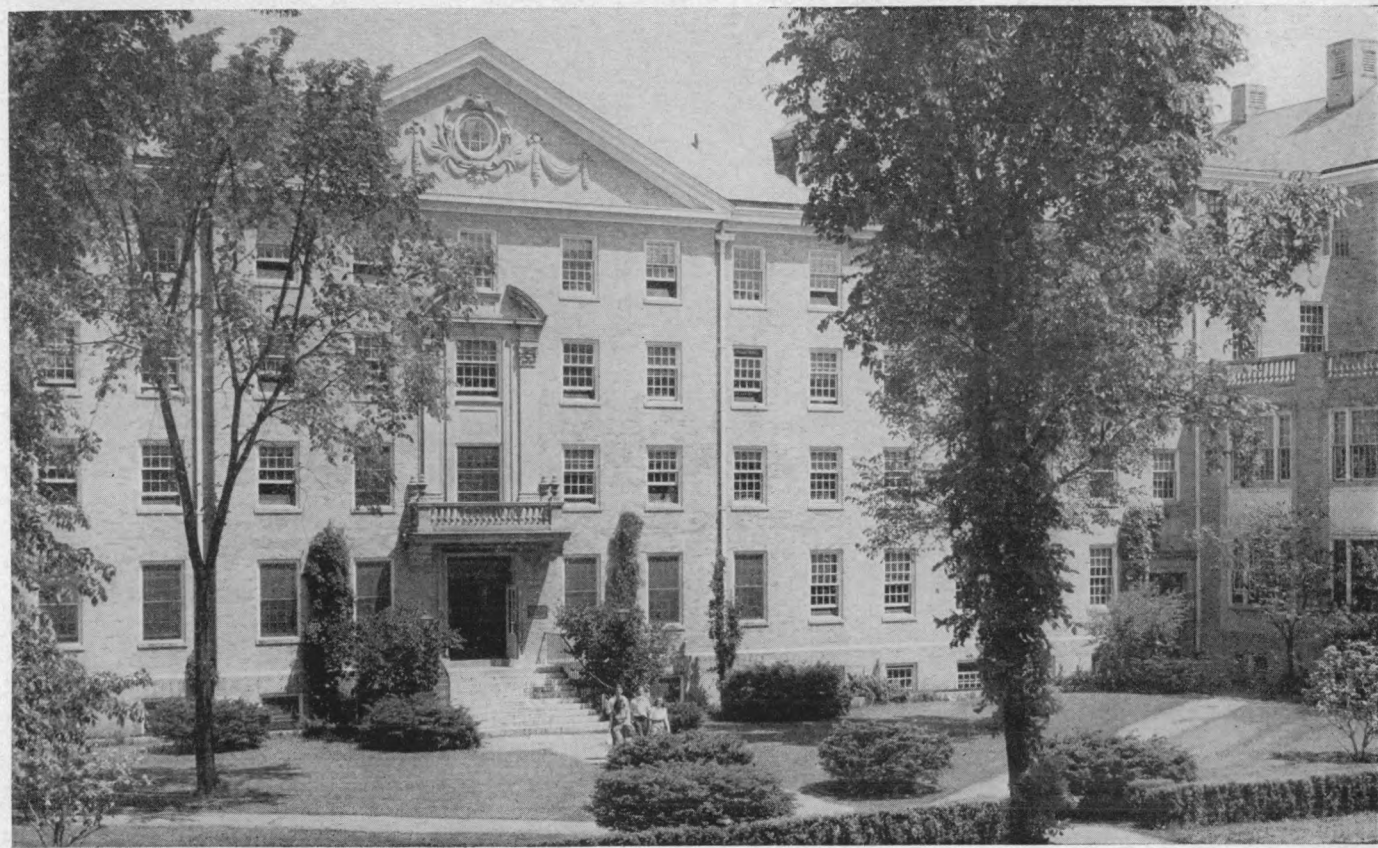


CORNELL UNIVERSITY
OFFICIAL PUBLICATION

*New York State College of Home Economics
at Cornell University*

1952-53

THE COLLEGE OF HOME ECONOMICS AT CORNELL UNIVERSITY IS
A CONTRACT UNIT OF THE STATE UNIVERSITY OF NEW YORK.



The Home Economics Building, Martha Van Rensselaer Hall.

STATE UNIVERSITY OF NEW YORK BOARD OF TRUSTEES

Oliver C. Carmichael, <i>Chairman</i>	Earle J. Machold
Arthur H. Dean, <i>Vice Chairman</i>	Dwight Marvin
Mrs. Betty Hawley Donnelly	Frank C. Moore
Charles Garside	Joseph J. Myler
Norman S. Goetz	Edward N. Scheiberling
Frederick F. Greenman	Henry D. Sherwood
George Edmund Haynes	Mrs. Emily Smith Warner

William S. Carlson, A.B., M.S., Ph.D., LL.D.

President of the State University

THE BOARD OF TRUSTEES, CORNELL UNIVERSITY

Neal Dow Becker, <i>Chairman</i>	Albert K. Mitchell
Dorothy McS. Arnold	Frank C. Moore
Frank W. Beneway	Thomas A. Murray
Matthew Carey	Floyd R. Newman
William D. P. Carey	Nicholas H. Noyes
Walker L. Cisler	John S. Parke
John L. Collyer	Thomas W. Pew
Frank S. Columbus	George R. Pfann
William B. Cornell	Joseph P. Ripley
Edward R. Corsi	Francis H. Scheetz
Arthur H. Dean	Jacob G. Schurman, Jr.
Thomas E. Dewey	Harold M. Stanley
Mary H. Donlon	Harry G. Stutz
C. Chester DuMond	Myron C. Taylor
Victor Emanuel	Reese H. Taylor
Horace C. Flanigan	Walter C. Teagle
Larry E. Gubb	Robert E. Treman
Oswald D. Heck	Elbert P. Tuttle
Louis Hollander	Maxwell M. Upson
Ruth F. Irish	Preston A. Wade
Herbert Fisk Johnson	J. Carlton Ward, Jr.
Harold Keller	L. A. Wilson

Deane W. Malott, A.B., M.B.A., LL.D.

President of Cornell University

FACULTY REPRESENTATIVES

Herrell F. DeGraff	John W. MacDonald
Joseph C. Hinsey	Lloyd P. Smith

Personnel

(AS OF APRIL 1, 1952)

ADMINISTRATION

GENERAL ADMINISTRATION

Deane W. Malott, A.B., M.B.A., LL.D., President of Cornell University
Elizabeth Lee Vincent, Ph.D., Dean of the College and Professor of Home Economics
Mrs. Jeanette M. Read, M.A., Assistant to the Dean and Associate Professor of Home Economics
Esther Harriette Stocks, M.A., Secretary of the College, Placement Secretary, and Associate Professor of Home Economics
Mrs. Alyene F. Brown, A.B., Assistant Secretary of the College
Howard Bagnall Meek, Ph.D., Sc.D. in Ed., Director of the School and Professor of Hotel Administration
Helen Canon, Ph.D., Head of the Department and Professor of Economics of the Household and Household Management
Robert H. Dalton, Ph.D., Head of the Department and Professor of Child Development and Family Relationships
Katharine W. Harris, M.A., Head of the Department and Professor of Institution Management
Margaret Hutchins, Ph.D., Head of the Department and Professor of Home Economics Education
Catherine J. Personius, Ph.D., Head of the Department and Professor of Food and Nutrition
Mrs. Helen Powell Smith, B.S., Acting Head of the Department and Associate Professor of Textiles and Clothing
Virginia True, M.F.A., Head of the Department and Professor of Housing and Design
William B. Ward, M.S., Head of the Department and Professor of Extension Teaching and Information

FINANCE ADMINISTRATION

(Joint with College of Agriculture)

Arthur Howard Peterson, M.A., Director of Finance of the State Colleges at Cornell University, Assistant Treasurer of Cornell University, and Professor of Business Administration, School of Industrial and Labor Relations
Lloyd Eugene Slater, Ph.D., Administrative Assistant in Finance Office

EXTENSION ADMINISTRATION

Lloyd R. Simons, B.S., Director of Extension and Professor in Extension Service
Frances A. Scudder, M.A., Coordinator of Extension in Home Economics, State Leader of Home Demonstration Agents, and Professor in Extension Service
Albert Hoefer, B.S., State 4-H Club Leader and Professor in Extension Service
Dorothy Celia DeLany, M.S., Administrative Specialist in Extension Studies and Professor in Extension Service

Mrs. Orrilla W. Butts, B.S., Assistant State Leader of Home Demonstration Agents and Professor in Extension Service
Vera A. Caulum, M.S., Assistant State Leader of Home Demonstration Agents and Associate Professor in Extension Service¹
Iva Mae Gross, M.A., Assistant State 4-H Club Leader and Professor in Extension Service
Martha E. Leighton, B.S., Assistant State 4-H Club Leader and Professor in Extension Service
Hazel E. Reed, B.S., Assistant State Leader of Home Demonstration Agents and Associate Professor in Extension Service
Heads of Departments (*see* General Administration)

RESEARCH ADMINISTRATION

Carl Edward Frederick Guterman, Ph.D., Director of Research, Director of the Cornell University Agricultural Experiment Station, and Professor of Plant Pathology, College of Agriculture
Catherine J. Personius, Ph.D., Coordinator of Research in Home Economics, Assistant Director of the Cornell University Agricultural Experiment Station, Professor of Food and Nutrition and Head of the Department
Heads of Departments (*see* General Administration)

RESIDENT ADMINISTRATION

Jean Failing, Ph.D., Coordinator of Resident Instruction and Professor of Home Economics
Heads of Departments (*see* General Administration)

SERVICES

COUNSELING

Jean Failing, Ph.D., Chairman of Student Counseling Service and Professor of Home Economics
Esther Harriette Stocks, M.A., Secretary of the College, Placement Secretary, and Associate Professor of Home Economics
Mrs. Doris Turnbull Wood, M.A., Associate Placement Secretary and Instructor in Home Economics
Theresa Ruth Humphreyville, M.A., Student Counselor and Assistant Professor of Home Economics
Dorothy Robina Hynes, M.A., Student Counselor and Instructor in Home Economics
Mrs. Olive McIntosh Phelan, B.A., Student Counselor and Instructor in Home Economics

ALBERT R. MANN LIBRARY

Whiton Powell, Ph.D., Librarian and Professor of Business Management, College of Agriculture
Vivien N. Warters, A.M.L.S., Associate Librarian and Associate Professor of Home Economics

¹ Sabbatic leave, fall term 1952-53.

REGISTER OF FACULTY AND STAFF

- Adam, Eleanore, M.A., Assistant Professor of Textiles and Clothing
 Bamford, Erna L., B.S., Assistant in Food and Nutrition
 Barrett, James H., Ph.D., Assistant Professor of Hotel Accounting, School of Hotel Administration
 Barrett, Mary L., M.A., Assistant Professor of Child Development and Family Relationships
 Beyer, Glenn H., A.M., Professor of Housing and Design
 Birk, Ruth Ada, M.S., Assistant in Economics of the Household and Household Management
 Bissell, Dorothy Ann, A.B., Assistant in Textiles and Clothing
 Black, Gladys M., B.A., Assistant in Institution Management
 Black, Mrs. Winifred, B.S., Building Supervisor
 Blackwell, Sara, Ph.D., Assistant Professor of Home Economics Education; also Assistant Professor in School of Education
 Blum, Abraham H., M.A., Assistant in Child Development and Family Relationships
 Blumen, Mrs. Mary, A.B., Lecturer in Child Development and Family Relationships
 Bratton, Mrs. Esther Crew, Ph.D., Associate Professor of Economics of the Household and Household Management*
 Briant, Alice M., Ph.D., Associate Professor of Food and Nutrition; also Associate Professor in School of Nutrition
 Bronfenbrenner, Urie, Ph.D., Professor of Child Development and Family Relationships; also Professor of Psychology in College of Arts and Sciences
 Brown, Mrs. Alyene, A.B., Assistant Secretary of the College
 Burgoin, Alice M., M.S., Associate Professor of Institution Management and Manager of the Home Economics Cafeteria
 Butt, Mrs. Gladys L., M.A., Associate Professor of Textiles and Clothing²
 Butts, Mrs. Orrilla W., B.S., Assistant State Leader of Home Demonstration Agents and Professor in Extension Service
 Cady, Helen J., M.F.A., Associate Professor of Housing and Design
 Canon, Helen, Ph.D., Professor of Economics of the Household and Household Management and Head of the Department
 Carlson, Agnes M., M.S., Assistant Professor of Institution Management
 Carreiro, Joseph, B.S., Instructor in Housing and Design
 Caulum, Vera A., M.S., Assistant State Leader of Home Demonstration Agents and Associate Professor in Extension Service³
 Cladel, Charles E., M.S., C.P.A., Associate Professor of Hotel Accounting, School of Hotel Administration
 Comstock, Mrs. Ruth B., M.A., Associate Professor of Housing and Design
 Conner, John William, B.S., Acting Assistant Professor, School of Hotel Administration, and Manager of Statler Club and Inn
 Cook, Ruth H., M.A., Assistant in Home Economics
 Cooper, L. Leola, M.A., Assistant Professor of Economics of the Household and Household Management
 Cornelius, Mrs. Ethelwyn Gibson, M.S., Instructor in Home Economics Education; also Instructor in School of Education
 Courtney, John, M.S., Associate Professor of Hotel Accounting, School of Hotel Administration

² Sabbatic leave, spring term 1952-53.

³ Sabbatic leave, fall term 1952-53.

* Leave of absence, year 1952-53

- Cousens, Mrs. Dorothy W., M.S., Assistant Professor of Economics of the Household and Household Management
- Crandall, Joyce, B.S., Assistant in School of Nutrition; also Assistant in Food and Nutrition
- Crawford, Carolyn Hubbs, M.S., Assistant Professor of Home Economics Education; also Assistant Professor in School of Education
- Crouthamel, Elsie, B.S., Assistant in Homemaking Apartments
- Cushman, Ella M., M.S., Professor of Economics of the Household and Household Management
- Cutlar, Kathleen L., M.S., Associate Professor of Institution Management and Assistant Manager of the Home Economics Cafeteria⁴
- Dales, Ruth, M.S., Assistant in Home Economics Education
- Dalton, Robert H., Ph.D., Professor of Child Development and Family Relationships and Head of the Department; also Professor of Psychology in College of Arts and Sciences and Professor in School of Education
- Deacon, Ruth E., M.S., Instructor in Economics of the Household and Household Management⁵
- DeLany, Dorothy Celia, M.S., Administrative Specialist in Extension Studies and Professor in Extension Service
- Dempsey, Paul Francis, Ph.D., Assistant Professor of Child Development and Family Relationships
- Devereux, Edward C., Jr., Ph.D., Associate Professor of Child Development and Family Relationships
- Dondero, Mrs. Wilma Hyde, B.S., Assistant in Home Economics Education
- Doremus, Mabel, M.A., Assistant Professor of Food and Nutrition
- Dudgeon, Mrs. Lola T., M.S., Associate Professor of Food and Nutrition
- Dunn, Mildred S., M.S., Assistant Professor of Food and Nutrition
- Earl, Mrs. Winifred D., B.S., in Ed., Assistant Manager of the Home Economics Cafeteria
- Eichelberger, Catharine U., M.A., Associate Professor of Housing and Design
- Elbert, Elizabeth M., M.S., Instructor in Food and Nutrition
- Elliot, Margaret E., M.S., Instructor in Home Economics Education; also Instructor in School of Education
- Emerson, Ruth Ann, B.S., Assistant in Child Development and Family Relationships
- Ericson, Myrtle H., M.S., Assistant Professor of Hotel Administration, School of Hotel Administration; also Assistant Professor of Food and Nutrition
- Erway, Mrs. Dora W., Associate Professor of Housing and Design
- Failing, Jean, Ph.D., Professor of Home Economics, Coordinator of Resident Instruction, Chairman of the Counseling Service; also Professor in School of Education
- Feldman, Harold, Ph.D., Assistant Professor of Child Development and Family Relationships
- Fenton, Faith, Ph.D., Professor of Food and Nutrition; also Professor in School of Nutrition
- Fickle, Blanche, M.A., B.S.L.S., Junior Librarian, School of Hotel Administration
- Fitzelle, George, M.A., Acting Instructor in Child Development and Family Relationships
- Flight, Mrs. Isabelle T., M.S., Assistant Home Management Technologist in Economics of the Household and Household Management
- Ford, Mary, Ph.D., Associate Professor of Child Development and Family Relationships

⁴ Sabbatic leave, spring term 1952-53.

⁵ Leave of absence, year 1952-53.

- Foreman, Lois Joan, B.S., Assistant in Textiles and Clothing
Foster, Mrs. Grace M., M.S., Associate Professor of Food and Nutrition
Frazier, Ellen A., B.S., Assistant in Economics of the Household and Household Management
Giff, Mrs. Helen, M.S., Lecturer in Hotel Administration, School of Hotel Administration
Glasgow, Elsie Elizabeth, M.S., B.S.L.S., Assistant Librarian, Albert R. Mann Library
Golde, Vilma, M.A., Assistant Professor of Textiles and Clothing
Greer, Betty J., B.S., Assistant in School of Nutrition; also Assistant in Food and Nutrition
Gross, Iva Mae, M.A., Assistant State 4-H Club Leader and Professor in Extension Service
Guterman, Carl Edward Frederick, Ph.D., Director of Research, Director of the Cornell University Agricultural Experiment Station, and Professor of Plant Pathology, College of Agriculture
Gyrisco, Mrs. Valerie, M.S., Instructor in Hotel Administration, School of Hotel Administration; also Instructor in Food and Nutrition
Hansuld, Mary K., B.S., Assistant in Food Nutrition
Harris, Katharine W., M.A., Professor of Institution Management and Head of the Department; also Professor in School of Nutrition
Hauck, Hazel, Ph.D., Professor of Food and Nutrition; also Professor in School of Nutrition⁶
Heiner, Mrs. Mary Koll, M.S., Associate Professor of Economics of the Household and Household Management
Hoefler, Albert, B.S., State 4-H Club Leader and Professor in Extension Service
Hoefler, Mrs. Helen Paine, M.S., Associate Professor of Home Economics Education; also Associate Professor in School of Education
Horn, Marilyn, M.S., Assistant in Home Economics Education
Hsu, Ching Hsiang, Ph.D., Research Associate in Food and Nutrition
Hubbs, Helen A., B.S.L.S., Assistant Librarian, Albert R. Mann Library
Humphrey, Margaret, M.S., Associate Professor of Textiles and Clothing
Humphreyville, Theresa Ruth, M.A., Assistant Professor of Home Economics and Student Counselor
Hutchins, Margaret, Ph.D., Professor of Home Economics Education and Head of the Department; also Professor in School of Education
Hynes, Dorothy Robina, M.A., Instructor in Home Economics and Student Counselor
Ingalls, Ruth L., M.S., Assistant in Food and Nutrition
Ismert, Marian C., B.S., Editorial Assistant in Home Economics
Jackson, Florence, A.B., Research Assistant in Textiles and Clothing
Johnston, Frances A., Ph.D., Associate Professor of Food and Nutrition; also Associate Professor in School of Nutrition
Kaiser, Elizabeth, M.S., Instructor in Hotel Administration, School of Hotel Administration
Kells, Doris M., M.A., Psychological Technologist in Child Development and Family Relationships
Kendrick, Mrs. Nita, B.S., Lecturer in Hotel Administration, School of Hotel Administration
Kenrick, Barbara J., B.S., Instructor in Housing and Design
Khoury, Muna H., B.S., Assistant in Food and Nutrition

⁶ Sabbatic leave, academic year 1952-53.

- Klitzke, Dorothy M., Ph.D., Instructor in Economics of the Household and Household Management
- Knickrehm, Marie E., M.S., Instructor in Institution Management
- Lake, Susan, B.S., Assistant in Homemaking Apartments
- Landsberger, Mrs. Betty Hatch, Ph.D., Acting Assistant Professor of Child Development and Family Relationships
- Larson, Mrs. Lillian, B.A., Assistant in Textiles and Clothing
- Lattin, Gerald W., Ph.D., Assistant Professor of Hotel Administration, School of Hotel Administration
- Lear, Mrs. Anita Morris, M.S., Assistant Professor of Textiles and Clothing
- Leighton, Martha E., B.S., Assistant State 4-H Club Leader and Professor in Extension Service
- Liner, Rachel L., B.S., Assistant in Food and Nutrition
- Longrée, Karla, Ph.D., Associate Professor of Institution Management
- Loper, Ruby M., B.S. in Arch. Eng., Associate Professor of Housing and Design⁷
- Lutz, Ruth N., M.S., Assistant in Food and Nutrition
- MacArthur, Marilyn, B.S., Assistant in Food and Nutrition
- Marsh, Elizabeth Sears, M.A., Assistant Professor of Child Development and Family Relationships
- Masset, Mrs. Elizabeth V., B.S., Instructor in Food and Nutrition
- Masson, Winifred Jean, M.S. in L.S., Junior Librarian, Albert R. Mann Library
- Meek, Howard Bagnall, Ph.D., Sc.D. in Ed., Professor of Hotel Administration and Director of the School of Hotel Administration
- McHatton, George A., Jr., M.A., Instructor in Hotel Administration, School of Hotel Administration
- McMurry, Mrs. Elsie F., M.A., Associate Professor of Textiles and Clothing
- Mills, Frederick B., B.E.E., Instructor in Institutional Engineering, School of Hotel Administration⁸
- Mondy, Nell, M.A., Assistant in Food and Nutrition
- Montgomery, James E., Ph.D., Associate Professor of Housing and Design
- Moore, Aimee N., M.A., Assistant Professor of Institution Management and Assistant Manager of the Home Economics Cafeteria
- Moser, Helen Emma, M.A., Associate Professor of Home Economics Education; also Associate Professor in School of Education⁹
- Moyer, Mrs. Helen M., M.A., Assistant in Child Development and Family Relationships
- Myer, Martha Ann, B.S., Assistant Manager of the Home Economics Cafeteria
- Neblett, Sarah, M.A., Associate Professor of Housing and Design
- Newman, Katherine, M.S., Instructor in Food and Nutrition
- Nygren, L. Gertrude, M.A., Assistant in Housing and Design
- Oakes, Betty L., B.S., Assistant in Food and Nutrition
- Olson, Phyllis, B.S., Assistant in Food and Nutrition
- O'Neill, Mrs. Sylvia T., M.S., Assistant in Child Development and Family Relationships
- Patterson, Irene, M.S., Associate Professor of Home Economics Education; also Associate Professor in School of Education
- Pease, Damaris, M.S., Assistant in Child Development and Family Relationships
- Peck, Dorothy, M.S., Instructor in Food and Nutrition
- Personius, Catherine J., Ph.D., Professor of Food and Nutrition, Head of the Department, Coordinator of Research in Home Economics; also Professor in School of Nutrition

⁷ Sabbatic leave, April 1, 1953 to September 15, 1953.

⁸ Leave of absence, fall term 1952-53.

⁹ Sabbatic leave, spring term 1952-53.

- Pfund, Marion C., Ph.D., Professor of Food and Nutrition; also Professor in School of Nutrition
- Phelan, Mrs. Olive McIntosh, B.A., Instructor in Home Economics and Student Counselor
- Pilcher, Helen, M.N.S., Instructor in School of Nutrition; also Instructor in Food and Nutrition
- Pope, Edward V., M.A., Associate Professor of Child Development and Family Relationships
- Powell, Whiton, Ph.D., Librarian, Albert R. Mann Library, and Professor of Business Management, College of Agriculture
- Proud, Dorothy M., M.S., Associate Professor of Institution Management
- Pyne, Marion E., B.S., Assistant in Institution Management
- Randolph, Frank H., M.E., Professor of Institutional Engineering, School of Hotel Administration
- Read, Mrs. Jeanette M., M.A., Assistant to the Dean and Associate Professor of Home Economics
- Recknagel, Mrs. Helen M., M.A., Associate Professor of Hotel Administration, School of Hotel Administration
- Reed, Hazel E., B.S., Assistant State Leader of Home Demonstration Agents and Associate Professor in Extension Service
- Reed, Janet C., B.S., Instructor in Textiles and Clothing
- Reed, Mrs. Marie Antoinette, R.N., School Nurse, Child Development and Family Relationships
- Reeves, Katherine M., M.A., Associate Professor of Child Development and Family Relationships
- Ripley, Helen L., M.S., Associate Professor of Institution Management
- Roberts, Mrs. Irene W., M.A., Assistant in Economics of the Household and Household Management
- Robinson, Mattie, B.S., Assistant in Food and Nutrition
- Rockwood, Mrs. Lemo D., Ph.D., Professor of Child Development and Family Relationships
- Rollins, Mabel A., Ph.D., Professor of Economics of the Household and Household Management
- Ryan, Mrs. Mary Shaw, Ph.D., Associate Professor of Textiles and Clothing
- Sayles, Charles I., M.E.E., Professor of Institutional Engineering, School of Hotel Administration
- Scott, Ruth J., B.S., Associate Professor of Textiles and Clothing
- Scudder, Frances A., M.A., State Leader of Home Demonstration Agents, Coordinator of Extension, and Professor in Extension Service
- Searls, Mrs. Isobel G., M.S., Instructor in Food and Nutrition
- Shaben, Lillian, M.A., Associate Professor of Food and Nutrition
- Shapiro, Gilbert, M.A., Assistant in Child Development and Family Relationships
- Sherry, John, LL.B., Lecturer in Hotel Administration, School of Hotel Administration
- Silk, Thomas W., M.S., Associate Professor of Hotel Administration, School of Hotel Administration
- Simons, Lloyd R., B.S., Director of Extension and Professor in Extension Service
- Singer, Marcus, Ph.D., Associate Professor of Child Development and Family Relationships
- Singleton, Ora K., M.A., Assistant Professor of Textiles and Clothing
- Skellenger, Marie, B.S., Assistant in School of Nutrition; also Assistant in Food and Nutrition
- Smart, Russell C., Ph.D., Associate Professor of Child Development and Family Relationships

- Smith, Mrs. Helen Powell, B.S., Associate Professor of Textiles and Clothing and Acting Head of the Department
- Snowman, Barbara R., B.S., Assistant in Economics of the Household and Household Management
- Steckman, Lillian L., Ph.D., Assistant Editor in Home Economics
- Steele, Betty F., Ph.D., Assistant Professor of Food and Nutrition; also Assistant Professor in School of Nutrition
- Steidl, Rose E., M.S., Research Associate in Economics of the Household and Household Management
- Steininger, Grace, Ph.D., Professor of Food and Nutrition; also Professor in School of Nutrition
- Stocker, Mrs. Marion K., B.S., Assistant Professor of Home Economics and Home Economics Editor
- Stocks, Esther Harriette, M.A., Associate Professor of Home Economics, Placement Secretary, and Secretary of the College
- Straight, Clara, M.F.A., Assistant Professor of Housing and Design
- Suchman, Mrs. Fay B., B.A., Assistant in Child Development and Family Relationships
- Suchman, Richard J., M.A., Assistant in Child Development and Family Relationships
- Sylvester, Molly H., B.S., Assistant in Economics of the Household and Household Management
- Thames, Gena, M.S., Assistant Professor of Housing and Design
- Thomas, Mrs. Ruth Hatcher, Ph.D., Assistant Professor of Child Development and Family Relationships
- Toth, Louis, C.P.A., Professor of Hotel Accounting, School of Hotel Administration
- Treman, Allan H., LL.B., Lecturer in Hotel Administration, School of Hotel Administration
- True, Virginia, M.F.A., Professor of Housing and Design and Head of the Department
- Van Lent, Leonard J., Lecturer in Hotel Administration, School of Hotel Administration
- Vidich, Arthur J., Ph.D., Resident Field Director in Child Development and Family Relationships
- Vincent, Elizabeth Lee, Ph.D., Dean of the College and Professor of Home Economics
- Wanderstock, Jeremiah J., Ph.D., Assistant Professor of Hotel Administration, School of Hotel Administration
- Ward, William B., M.S., Professor of Extension Teaching and Information, Head of the Department, and Editor-in-Chief of Publications
- Waring, Mrs. Ethel B., Ph.D., Professor of Child Development and Family Relationships; also Professor in School of Education
- Warren, Jean, Ph.D., Associate Professor of Economics of the Household and Household Management
- Warters, Vivien N., A.M.L.S., Associate Librarian, Albert R. Mann Library, and Associate Professor of Home Economics
- Washburn, Mrs. Helen Peavy, M.A., Lecturer in Child Development and Family Relationships
- Waverly, Beverly, B.S., Assistant in Home Economics
- Weesner, Ruth Ann, B.S., Assistant in Housing and Design
- Werden, Jane, Ph.D., Associate Professor of Textiles and Clothing
- White, Vivian, M.S., Assistant Professor of Textiles and Clothing

- Wiegand, Elizabeth, M.S., Assistant in Economics of the Household and Household Management
 Wilkerson, Mabel, Ph.B., Associate Professor of Housing and Design
 Williams, Eleanor R., M.S., Instructor in Food and Nutrition
 Williamson, Mrs. Lucille J., Ph.D., Professor of Economics of the Household and Household Management
 Wood, Mrs. Doris Turnbull, M.A., Instructor in Home Economics and Associate Placement Secretary
 Wood, Therese E., M.A., Associate Professor of Food and Nutrition
 Wylie, Margaret, Ph.D., Professor of Child Development and Family Relationships¹⁰
 Young, Charlotte, Ph.D., Associate Professor of Medical Nutrition in School of Nutrition; also Associate Professor of Food and Nutrition
 Young, Frances E., M.A., Assistant Professor of Textiles and Clothing
 Zaehring, Mary, M.S., Assistant in Food and Nutrition

EMERITUS

- Beulah Blackmore, B.S., Professor of Textiles and Clothing, Emeritus
 Mrs. Jessie Austin Boys, M.S., Professor of Food and Nutrition, Emeritus
 Mrs. Helen Dudley Bull, M.D., Professor of Child Development and Family Relationships, Emeritus
 Mildred Carney, M.A., Professor of Textiles and Clothing, Emeritus
 Mrs. Martha Henning Eddy, A.B., Professor of Home Economics, Emeritus
 Mary Francis Henry, M.A., Former Assistant Dean of the College and Professor of Home Economics, Emeritus
 Helen Monsch, M.S., Professor of Food and Nutrition, Emeritus
 Mrs. Mary Geisler Phillips, B.S., Professor of Home Economics, Emeritus
 Mrs. Charlotte Brenan Robinson, M.A., Professor of Housing and Design, Emeritus
 Mrs. Nancy McNeal Roman, M.A., Professor of Housing and Design, Emeritus
 Flora Rose, M.A., D.Ped., D.Sc., Co-Founder, Former Director of the College, and Professor of Home Economics, Emeritus
 Mrs. Ruby Green Smith, Ph.D., Extension Professor in Home Economics, Emeritus
 Mrs. Carrie Williams Taylor, M.A., Professor in Extension Service, Emeritus
 Flora Thurston, M.S., Professor of Home Economics Education, Emeritus
 Mrs. Grace Morin Van Blarcom, M.A., Professor of Home Economics, Emeritus

ELECTED MEMBERS FROM OTHER FACULTIES

- Lucile Allen, Ph.D., Dean of Women, Cornell University, and Professor of Education in the Graduate School
 Anson Wright Gibson, M.S., Director of Resident Instruction and Professor of Personnel Administration, College of Agriculture
 Charles W. Jones, Ph.D., Dean of the Graduate School, Cornell University, and Professor of English, College of Arts and Sciences
 John Paul Leagans, Ph.D., Professor of Extension Education, College of Agriculture
 Leonard Amby Maynard, Ph.D., D.Sc., Director of the School of Nutrition; Head of the Department, and Professor of Biochemistry and Nutrition, College of Agriculture
 Clive Maine McCay, Ph.D., Professor of Animal Nutrition, College of Agriculture

¹⁰ Sabbatic leave, spring term 1952-53.

- Carleton Chase Murdock, Ph.D., Dean of the Cornell University Faculty and Professor of Physics, College of Arts and Sciences
- William I. Myers, Ph.D., Dean of the College of Agriculture and Professor of Farm Finance, College of Agriculture
- Fred H. Stutz, Ph.D., Director of the Summer Session and Associate Professor of Education, School of Education
- Andrew Leon Winsor, Ph.D., Director of the School of Education; Head of the Department of Rural Education, and Professor of Education, College of Agriculture

General Information

HOME ECONOMICS: ITS DEVELOPMENT AT CORNELL

The first colleges opened to women in America were planned to give educational opportunities equal to those for men, and the courses of study were comparable to those in the men's colleges. As time went on, educational leaders realized a need for a type of education suited more particularly to women. Since the home was conceived as the specific field of women's activities, courses were introduced to train women for their responsible tasks of homemaking.

Home economics as a branch of education at Cornell began in 1900. It was established as a department in the New York State College of Agriculture in 1908, and money was appropriated for a building of its own in 1910, though actually the move into the new quarters did not come until 1913. In 1919 the department became the School of Home Economics, and in 1925, by legislative action, it became a college. It now has the fourth largest undergraduate enrollment of the colleges on the Cornell campus. Linked with the resident instruction and the research is the Extension Service, which reaches into homes and communities throughout the state.

With the creation of the State University of New York in 1948, the College of Home Economics, as one of the four state-supported units at Cornell University, became an integral part of this new State University. "Created to provide a comprehensive and adequate program of higher education" the State University now includes more than thirty educational institutions. The College of Home Economics, functioning in this broad context, offers teaching and research facilities to serve the needs of the state.

In the early stages of its development, education in home economics consisted largely of teaching the efficient performance of household skills. Education in this field has broadened its scope as woman's status in society has changed, vocational opportunities have opened, and women have become voting citizens in the community as well as homemakers. Today the New York State College of Home Economics aims to prepare its students to be not only intelligent homemakers but also intelligent citizens and contributors in the world of work.

Courses in home economics deal with the effective feeding, clothing, and housing of the family; the care and guidance of children; the family

relationships; the growth of artistic sense and taste that brings beauty into the home in many ways, adding to the contentment and serenity of the family; the organization and running of the home on a sound economic, social, and hygienic basis; and the care and use of equipment.

There are seven departments in the College: Child Development and Family Relationships; Economics of the Household and Household Management; Food and Nutrition; Home Economics Education; Housing and Design; Institution Management; Textiles and Clothing. Effort is made to so interrelate the work of the departments that students think of them not as isolated divisions but rather as different aspects of the total program of homemaking education. In addition, courses are offered in the Homemaking Apartments, in Home Economics Journalism, and in Orientation.

Many courses in other colleges of the University are closely related to those in Home Economics. This College, as part of a university, gives students the opportunity to elect courses in many fields. Of the 120 credit hours required for a degree, one-fourth are devoted to basic courses in the biological, physical and social sciences; at least one-third to courses in home economics; and about one-third to elective courses in the various colleges of the University. English and physical education are required of all students.

MARTHA VAN RENSSELAER HALL

The New York State College of Home Economics is housed in Martha Van Rensselaer Hall, named for the founder of home economics education at Cornell. This building, which was dedicated in 1934, is on the upper terrace of the Cornell University campus.

Offices of administration, extension, and resident staff, an auditorium seating about 500 persons, staff and student lounges, a good-sized library, classrooms, and laboratories are located there. Each of the seven departments of instruction has its particular section of offices and classrooms.

The Department of Child Development and Family Relationships is on the ground floor of a wing to the northeast of the building. Here are housed the department offices of resident and extension personnel, as well as laboratories, including a nursery school. The Homemaking Apartments are above the Nursery School, on the second and third floors. They are fully equipped residence apartments. On the fourth floor of the wing are the offices of the Department of Home Economics Education.

The Department of Economics of the Household and Household Management is in the east wing of the main section of the building. Classrooms, work rooms for research, and staff offices are included on the first floor. On the ground floor are offices and laboratories where staff, students, Home Demonstration Agents, and homemakers study home

management, equipment, and processes. In the laboratories temporary walls are used to form rooms of various sizes and shapes, and easily movable equipment makes it possible to set up actual work centers for study.

The rooms of the Department of Food and Nutrition are on the second, third, and fourth floors of the west wing. They include laboratories for the study of nutrition, food preparation and science in relation to food, and research.

The Department of Housing and Design is in the east wing, on the third and fourth floors, and in the Van Rensselaer Annex. Laboratories for housing research, interior design work, and studios for work in color, design, and handicrafts are included.

A small art gallery and lecture room has exhibitions of current work from professional sources of residential architecture, interior design, crafts, painting, and industrial design.

The Department of Institution Management occupies much of the lower part of the west wing of Martha Van Rensselaer Hall. The cafeteria dining rooms, the tea room called the Green Room, and the kitchens provide the teaching laboratories for the department.

The Department of Textiles and Clothing occupies the second floor of the east wing. There are six laboratories, two work rooms, and staff offices. One large laboratory with a stage may be converted into a small auditorium that seats about 150 persons and may be used for demonstrations, assemblies, and other class activities.

LIBRARIES

The State Colleges of Agriculture and Home Economics are served by the Albert R. Mann Library of about 200,000 volumes. This is supplemented by the other libraries of Cornell University, containing over 1,000,000 volumes, many of which also relate directly to subjects dealt with by the State Colleges.

In addition to materials on applied agriculture and home economics, the Mann Library contains extensive collections dealing with such related sciences as botany, biochemistry, bacteriology, genetics, and entomology. It also includes large collections in economics, sociology, and education, and smaller collections on a variety of other subjects. Of major importance are the numerous complete files of foreign and domestic periodicals and government publications, of which some 5,000 are received currently. The library includes an outstanding collection on beekeeping maintained from funds provided in honor of the late Everett Franklin Phillips.

The library is located in Albert R. Mann Hall, completed in 1952, whose capacity of 400,000 volumes and 600 reading-room seats provides amply for present needs. The principal collection on entomology and

limnology, however, is located in Comstock Hall with the department it serves. Small departmental collections of reprints, bulletins, and duplicate books and journals for use of faculty and graduate students are also provided in several other buildings.

The first floor of Mann Hall is devoted primarily to books assigned for class reading, with rooms seating 300. Also on this floor are rooms for typing and for small groups studying together, and the Ellis Room containing books and periodicals for informal reading. On the second floor are the reference, bibliography and periodical reading rooms, offices and work rooms, the main loan desk, and the card catalog. The catalog provides a record of library materials located in all libraries and departmental collections of the Colleges. The library has a comprehensive collection of bibliographies, as well as a card catalog of publications of the United States Department of Agriculture.

The library is open, with librarians on duty to assist readers, from 7:50 a.m. to 10:00 p.m. daily except Saturday, when it closes at 5:00 p.m. Students may borrow most books, except those on reserve, for periods of two weeks. Detailed information on library regulations and suggestions for use of the library are provided in a handbook distributed to all new students.

HOTEL ADMINISTRATION

In 1922, at the request and with the financial aid of the American Hotel Association, a Department of Hotel Administration was organized in the University in what was then the School of Home Economics. In 1950 it became the School of Hotel Administration. While this School is under the administration of the College of Home Economics, it is maintained on funds not derived from state appropriations. The requirements with regard to tuition, curriculum, and other items are necessarily different from those for other students in the College. The separate printed *Announcement of the School of Hotel Administration* may be obtained by writing to Professor H. B. Meek, Statler Hall, or to Official Publication, Edmund Ezra Day Hall, Cornell University, Ithaca, New York.

THE UNDERGRADUATE PROGRAM

OBJECTIVES

The aim today of the College of Home Economics in its resident undergraduate program is to guide each student in the use of educational opportunities made available by the College, the University, and the community, toward effective functioning (1) in her individual living

and as a member of society as a whole; (2) in homemaking; and, in the case of a majority of students, (3) in a vocation other than that of homemaking to which home economics has a major contribution to make. It is recognized that in certain of the vocations preparation may not be complete but may be of prevocational nature only.

There are certain qualities of feeling, thought, and action which should permeate all of living and which should, therefore, be included in the aims of education. Students should become increasingly able to think clearly and constructively, to express themselves clearly, concisely, and accurately, to weigh values, and to attack and solve problems. They should be able to make and to be responsible for their own decisions, to take initiative, to assume leadership, and to carry responsibility. With these qualities must be the disposition to use them with social sensitivity and refinement of feeling to sustain and develop the democratic way of life in its largest sense. This should enable students to meet changing conditions and situations in such a way that they will continue to grow into living that is increasingly intelligent and humane.

For effective functioning in all phases of living a girl should be able to understand herself and to cultivate wholesome relationships with other people; to accept herself and others; to think with and live cooperatively with others for common ends; to maintain her own physical and mental health at a high level; to assume responsibilities of citizenship in a democracy and to take an intelligent and active part in community life and in the solution of our social and economic problems; to acquire a stimulating and functioning philosophy of life and to keep a balance of interests and activities that is satisfying and constructive; to cultivate religious living that is meaningful and effective; to develop a capacity for enriching her own life and the lives of others; to develop an appreciation of our social heritage and of the significant thought and social forces of our time; to sense and to add to beauty in every phase of daily living.

In homemaking she should be able, in addition, to deal successfully with those experiences which make up family life and to use all the resources at her command for the welfare of the family and of its individual members.

In a vocation she should be able to find and to give satisfaction; to understand the technical aspects of her work and to assume responsibility; to understand the demands of the job, the conditions of work, and the place of the job in its social and economic setting.

THE STUDENT'S PROGRAM

"Program" is interpreted by the College to include all of the activities—academic, personal, social, vocational, and remunerative—to which the student gives interest and time, and it is thought of as the means

through which each student will achieve educational, personal, and social development during the college years.

Through the counseling service (see page 17) the College attempts to help each student plan her program in accordance with the College objectives for undergraduate students and her individual needs and interests.

As a basis for building a balanced program, the average schedule of courses should approximate 15 credit hours each term exclusive of physical education. During the several terms, however, either more or fewer hours may be taken, depending upon the courses selected and upon the ability and total program of the individual. A student may take up to 18 hours in a given term but is not permitted to carry more than that unless her average for the preceding term is 80 or above. Students earning any considerable part of their college expenses may find it desirable to reduce the schedule of courses to less than 15 credit hours a term.

Students who enter the College of Home Economics should consider the first four semesters largely as offering them a foundation in home economics and general education and an opportunity to explore their vocational interests, the last four semesters as offering increased breadth of training as well as more specific focus on a chosen field.

The "homemaking core" is a part of the graduation requirement (see pages 54 and 55-81). The subject matter of the core is distributed among the following departments of the College: Child Development and Family Relationships, Economics of the Household and Household Management, Food and Nutrition, Housing and Design, Textiles and Clothing.

Student activities are a valuable supplement to the course of study. The student is encouraged to take part in them in reasonable proportion to her academic studies and to her remunerative work, should she be earning part of her expenses.

Many University activities are open to women, and competition or try-out periods are held at various times during the year. The office of the University Deans of Men and Women in Edmund Ezra Day Hall maintains a social calendar and a file of information about each organization on the campus, which is open for student use.

Freshmen are urged to consider carefully what they wish especially to accomplish through the college experience and the ways in which the college program as a whole may contribute to this. Guidance, on schedule of courses and on program is given to freshmen in the summer preceding entrance and during Orientation Week.

COUNSELING SERVICE

A student counseling service is maintained in the College to foster the maximum growth and development of the student in matters relating to personal and educational adjustment and to vocational choice. The

counseling service also functions as a coordinating agency between staff and students in matters of educational procedure and curriculum. The Class Counselors, together with the Dean of the College and the Coordinator of Resident Instruction, are responsible for the selection of undergraduate students.

The counseling staff is composed of the Chairman, the Class Counselors, the Placement Secretary, and the Assistant Placement Secretary. The program of the counseling service is carried on through individual conferences and group meetings.

Orientation Week and the orientation course, directed by the counseling staff, are designed to help the student adjust herself to the college environment, to become acquainted with the educational experiences which the University offers and with home economics vocational opportunities, and to plan for her college years.

Vocational meetings open to all students in the College are held at intervals throughout the year under the auspices of the Placement Office and a student committee. Members of the staff and outside speakers discuss fields of work and qualifications for them, the desirability of work experience while in college and during the summer, and the opportunities for it. Meetings are held with seniors to help them with such matters as the techniques of making applications, letter writing, and interviewing.

PLACEMENT SERVICE

The Placement Office, a division of the College Secretary's office and the counseling service, is responsible for the program of after-college placement of seniors, graduate students, and alumnae, with the exception of those who enter the field of secondary school teaching. The work with the latter group is centralized in the Educational Placement Bureau in the School of Education. The Placement Office also sponsors a program of summer employment for undergraduates.

Students are encouraged to have summer jobs in order to see conditions of work at first hand and to increase their knowledge of vocations. The Placement Secretaries give help in making contacts for summer work. They also hold follow-up conferences to discuss the student's experiences with her and to help her relate them to her total program of vocational planning.

Seniors and graduate students are urged to prepare materials for credentials and confer with the Placement Secretaries early in the senior year regarding their vocational plans.

Vocational counsel and placement of alumnae are carried on throughout the year, since many requests received in the Placement Office are for experienced workers. The information gleaned from contacts with

employers and from field work done by the Placement Secretaries is valuable to the College program of vocational guidance.

Printed and mimeographed material about specific vocational opportunities is continually collected and made available through the vocational files in the Placement Office. These are open files for student and faculty use. A monthly bulletin is issued to graduates describing opportunities for which employers have requested candidates.

VOCATIONAL OPPORTUNITIES

Graduates of a college of home economics have basic preparation for a wide variety of occupations. In certain professional fields the undergraduate training will be followed by professional courses in the next few years. Many openings exist at the upper levels for people with experience and advanced training.

On the other hand, there are excellent opportunities for beginners too. Members of last year's senior class are practically 100 per cent employed, except for those who are married and not registered for employment and those who are continuing with graduate study.

Students interested in teaching may prepare during their college years to meet the state certification requirements for teaching home economics in secondary schools. The Home Demonstration Agent and the 4-H Club Agent, employed by state extension services, also teach, but their classroom is a home or community center. Children's homes, nursery schools, and recreation centers serve the young child and his parents and need home economics graduates as teachers to help children grow into healthy, happy persons. Excellent opportunities exist in the Girl Scouts, Camp Fire Girls, and Y.W.C.A. programs throughout the country for group work with adolescents and young adults.

The home economist in business is employed to promote and sell merchandise and service. To do this she tests products, creates new uses for products already on the market, demonstrates, lectures, teaches, writes, and does research. Home economics departments are established in advertising agencies and in equipment and food manufacturing companies as well as in utility companies. Pattern concerns, mail order houses, textile and garment manufacturers, and retail stores are also interested in the home economics graduate.

Careers in institution management require managerial ability in serving attractive, healthful meals and in effectively directing a staff of workers. Colleges, schools, restaurants, tea rooms, hospitals, and industrial food services all employ many home-economics-trained women.

More and more, community agencies are using the home economist's special training to strengthen family relationships, management practices, and improve living conditions of the family. Opportunities for service

are found with councils of social agencies, family welfare societies, American Red Cross, and settlements. The graduate trained in nutrition will find herself helping people at any income level to secure adequate diets, through such channels as national, state, and local health agencies, industrial plants, and public schools.

The research worker in home economics may be concerned with any aspect of the field. Research programs are being conducted at universities, in business concerns, industry, and government. Home economists with writing ability are needed by magazines, newspapers, business concerns, and university information services to produce material which will help homemakers.

VOCATIONAL PREPARATION

Students should consult the Class Counselor and the Placement Secretaries for detailed information regarding qualifications and occupational opportunities in various fields. Several fields of work, such as extension, secondary school teaching, and hospital foods work, have definite preparation requirements. Some of these are discussed in the following pages. In all vocations much must be learned on the job itself. Students who are fairly clear on their vocational aims can strengthen their preparation through related courses. Counselors work closely with students to help them plan to include in their programs courses and supplementary work experiences in line with their vocational interests. One staff member in each department acts as "Vocational Consultant" to give specific information to students regarding opportunities and preparation in fields related to the subject matter of the department.

EXTENSION TEACHING

The New York State Extension Service, in cooperation with the United States Department of Agriculture and the county extension associations, offers home economics education to the families of the state in their home communities.

Home Demonstration work gives homemakers of the state an opportunity to study and practice home economics at home. The program is developed cooperatively by homemakers and the extension staff. Teaching by county and city Home Demonstration Agents, by trained local leaders, and by members of the faculty of the Extension Service from the State Colleges is carried on through lectures, demonstrations, training schools, conferences, radio talks, newspaper articles, service letters, and exhibits.

In 4-H Club work, the boy or girl who enrolls agrees to carry on at home an educational project directed by a volunteer local dealer. Local

leaders are trained and supervised by 4-H Club Agents and members of the extension faculty of the State Colleges. The program is augmented with radio programs, news releases, exhibits, tours, camps, and demonstrations, and field and achievement days.

Openings in the field of extension teaching include the county positions of Home Demonstration Agents, 4-H Club Agents, associates, and assistants; the state positions of specialists working in the various subject matter fields; and the state positions of administration. Positions as specialists and administrators require graduate training.

Students wishing to qualify for county positions must complete satisfactorily the four-year course in home economics. There is a recommended curriculum for students preparing for extension work. In addition to home economics courses the curriculum suggests courses in sociology, psychology, methods of teaching, extension education, recreational leadership, public speaking, and journalism.

TEACHING OF HOME ECONOMICS IN SECONDARY SCHOOLS

At the present time the State Education Department requires only four years of preservice preparation for those planning to teach home economics. Those with four years of training and a Bachelor's degree will be granted a provisional certificate valid for ten years, with renewal upon presentation of evidence of having completed an additional year of advanced study.

The student's program includes:

- (a) Preprofessional and professional courses required for certification.
- (b) Home economics and related subject matter required by the State Education Department for certification.
- (c) Courses required by the College of Home Economics for a B.S. degree (see pages 53-54).
- (d) Electives.

PREPROFESSIONAL AND PROFESSIONAL REQUIREMENT FOR TEACHER CERTIFICATION . . . The following program is required of all prospective teachers of secondary schools:

PREPROFESSIONAL STUDIES

Credit hours

Freshman year

Sociology	3
(Freshman or sophomore year)	

Sophomore year

Human Development	6
-----------------------------	---

PROFESSIONAL STUDIES

Junior year

Educational Psychology	3
Social Foundation of Education	3

Senior year

The Art of Teaching	10
-------------------------------	----

25

RELATED SCIENCE REQUIREMENT

Applied chemistry, applied physics, bacteriology, and physiology	12
--	----

HOME ECONOMICS REQUIREMENT FOR TEACHER CERTIFICATION . . . In the majority of school systems instructors in home economics teach all phases of homemaking. Even in those schools in which homemaking is departmentalized it is desirable that each teacher have a broad view of the entire field. To help achieve this, the following subject matter is required by the State Education Department. Most students will find it necessary to take more credit hours in each area than are here indicated in order to cover the subject matter requirement.

	<i>Credit hours</i>
Family Relationships and Child Study	8-12
Part of the work in family relationships may be covered through sociology courses in The Family. Part should be taken in home economics. Child study may include work in child psychology and should also include observation of child behavior and guidance in a nursery school and some participation in work with children through a nursery school, play group, or in homes.	
Health in the Home and Community and Home Nursing	2-4
This should include study of home and community hygiene, first aid, and emergencies in the care of the sick at home.	
Household Management and Economics of the Household	8-12
Study in this field should be concerned with management and economic principles as they apply in the home. Consideration should be given to the management of the house with relation to family living. Some experience in practical problems should be included. It is also desirable to develop that phase of managerial ability involved in the interrelationships in the home and the community.	
Nutrition and Food Preparation	10-14
This should include nutrition for all ages and, in the main, for the healthy person. It should include the science of food preparation, food buying, storage, kitchen planning, family meals, and the food budget.	
Art and Home Furnishing	8-10
This may include courses in applied art, or art principles, or design and color, or other types of courses which include fundamental principles of art, or various kinds of courses in applied art such as home crafts. The work in furnishing and house planning should emphasize furnishing in relation to family living.	
Clothing and related subjects (design, textiles, construction)	10-16
This should include an understanding of the essentials of personal grooming, care of clothing, the personal wardrobe, clothing for the family, the clothing budget, the construction of clothing, and the design of costumes. The textiles study should include textiles used in clothing and home furnishings.	
	46-68

SELECTION OF STUDENTS FOR PROFESSIONAL TRAINING IN FOOD AND NUTRITION AND INSTITUTION MANAGEMENT

The total record of each student anticipating professional placement in the areas of food and nutrition or institution management is reviewed at the end of the sophomore year by a committee composed of the student's counselor and representatives from the Departments of Food and Nutrition and Institution Management. The purpose of the review is to secure a sound basis for advising the student as to the desirability of planning to undertake professional work in these areas. Consideration is given to the student's scholarship, to her experience, including in-college and summer work experience, and to her health and adaptability.

At the end of the junior year the total record of each student is again reviewed in order to further advise the student and to approve or refuse admission to the following professional courses: Institution Management 320, Food and Nutrition 314 and 330, and to Food and Nutrition 305 and 315 if that is necessitated by heavy registration.

INSTITUTION MANAGEMENT

The Department of Institution Management offers training for such positions in the field as are outlined on page 21. The background of preparation varies somewhat depending on which interest the student wishes to pursue, whether managerial dietetics in hospitals or other institutions or commercial food service.

For all students in Institution Management, courses in the following areas are important: food preparation, food science, bacteriology, orientation in institution food service, organization and administration procedures, the selection, care, preparation, and service of food in quantity, nutrition, menu planning, personnel management, accounting and food control, economics, financial management and budgeting, kitchen planning, and the selection and care of institution equipment and furnishings. Courses in management, marketing, teaching methods, applied psychology, and human relationships deal with subject matter which is closely allied to the work of the food administrator or dietitian.

Students whose interest is particularly in the commercial field will find in addition that courses in business administration are helpful. Some skill in typing and stenography is desirable.

A summer practice requirement must be met by students who plan to seek positions, such as those in commercial, industrial, and other institutional food services, in the field of institution management. This will entail full-time employment on an approved job during one summer period of not less than six weeks, preferably in the summer between the junior and senior years. Contacts for positions are made through the Placement Secretary although the College does not guarantee placement. Students are expected to present a written report to the Department of Institution Management.

POSTGRADUATE INTERNSHIP TRAINING IN DIETETICS

For many positions a postgraduate internship is required. For those who wish to be hospital dietitians a hospital internship is necessary. Certain centers have been approved by the American Dietetics Association to give internships and training. Some provide training in food service administration in institutions other than hospitals, including residence halls, and industrial and school cafeterias, some in food clinic work, and

some in hospital dietetics. A list of these centers as printed by the American Dietetics Association is available in the Placement Office. These courses are ordinarily ten to twelve months in length.

The American Dietetics Association has outlined the following program as prerequisite to admission to approved postgraduate internship training:

<i>Subjects</i>	<i>Minimum Hours</i>	<i>Subjects</i>	<i>Minimum Hours</i>
Chemistry	12	Foods	6
To include:		To include:	
General Inorganic		Food Selection and Preparation	
Organic		Meal Planning and Service	
*Biochemistry with laboratory		Nutrition and Dietetics	6
Biology	6	To include at least two of the	
To include:		following:	
Human Physiology		Diet in Disease (for students	
Bacteriology		entering hospital and food clinic	
Social Sciences	9	courses)	
To include two of the following:		Normal Nutrition (general)	
Psychology		Advanced Nutrition	
Sociology		Institution Economics	6
Economics		To include:	
Education	3	Organization and Management	
To include one of the following:		Quantity Cookery	
Educational Psychology			
Methods of Teaching			
Principles of Education			

*Food Chemistry may be substituted by those on administrative internships.

POSTGRADUATE APPRENTICE TRAINING IN COMMERCIAL FOOD SERVICE

The National Restaurant Association has made it possible for graduates from accredited colleges and universities to receive specialized training in commercial food service operation. Apprentice courses extending over ten months are offered by cooperating member restaurants.

The National Restaurant Association requires the following qualifications for graduates in institution management making application for apprenticeship training in accredited restaurants:

1. A B.S. degree with a major in institution management from an accredited college or university where the curriculum meets the standard of preparation required by the National Restaurant Association for this training.
2. Above-average grades.
3. Demonstrated qualities of leadership in school.
4. A pleasing personality, good health, good appearance, poise, confidence, good voice, emotional stability, and good character.
5. A genuine interest in high-standard food in commercial restaurants and enthusiasm for the work.
6. Ability to work well with different types of people.

7. Executive potentialities—ability to take responsibility and to plan and direct work for others.
8. Ability to work well with one's hands.
9. Demonstrated aptitude and judgment in evaluating details and in making decisions.
10. Ability in mathematics—accuracy and understanding of cost report.

The National Restaurant Association has outlined the following program of courses as prerequisite to admission to apprentice training courses:

<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
Chemistry	10-15	Foods	8
Biology	6-8	To include:	
To include:		Food Selection and Preparation	
Human Physiology		Menu Planning and Service	
Bacteriology		Experimental Cookery	
Psychology	6	Nutrition and Dietetics	6
To include:		Institutional Management	12-15
Personnel Management		To include:	
Economics	3-6	Quantity Cookery	
Education	3-6	Organization and Management	
With emphasis on		Institutional Accounting	
Methods of Teaching			

AFFILIATION WITH THE MERRILL-PALMER SCHOOL

The College carries an affiliation with the Merrill-Palmer School in Detroit. Students interested in various phases of child development; parent education; social service work; nutrition; extension, secondary school, or other teaching may apply and be selected to study there during one term of the senior year. Selection is on the basis of scholarship (which should be above average), sincerity of interest, and readiness for intensive work. Application should be made through the Secretary of the College of Home Economics by March 1 in the year preceding attendance.

Students receive full credit at Cornell for courses taken at the Merrill-Palmer School. Senior students will register in the University *in absentia* and be required to pay a fee of \$12.50 to bind their registration at the University during the period of absence. Students who hold state cash scholarships cannot be granted them during the period of absence but may apply to the Secretary of the College for recommendation that tuition at the Merrill-Palmer School be waived. An out-of-state student pays no tuition at Cornell during the term she is in Detroit.

A limited number of graduate assistantships are available each year for work at the School. Students interested in these should consult the Merrill-Palmer catalogue and should leave their names at the office of the Placement Secretary of the College of Home Economics by March 1. Merrill-Palmer graduate credits may be counted toward the Master's or Doctor's degree at various affiliated colleges, including Cornell.

SCHOOL OF NUTRITION

The School of Nutrition was established at Cornell University in 1941 to integrate the training provided on the campus in nutrition, in supporting courses in the physical and biological sciences, and in other related fields, and to expand this training. The School offers opportunity for study in several fields including human nutrition and food technology. Its curriculum provides for the training of nutrition teachers and research workers, nutritionists in public agencies and in institutional work, and personnel for laboratory work in food preparation and processing.

To be admitted to the School the applicant must hold a Bachelor's degree from a college or university of recognized standing, except that admission is open to Cornell undergraduates who can otherwise qualify at the end of their third year and for whom a combined curriculum can be planned which will enable them to receive the Bachelor's degree in their college and simultaneously complete the first year's work of the School. The applicant must have a definite professional interest in the field of food and nutrition.

For detailed information concerning admission to the School of Nutrition and the courses of study to be followed during the first three years of college work preparatory to entrance in the School, see the *Announcement of the School of Nutrition*.

THE CORNELL UNIVERSITY-NEW YORK HOSPITAL
SCHOOL OF NURSING

A combined course taken partly at the University in Ithaca and partly at the Cornell University-New York Hospital School of Nursing in New York City leads to the degree of Bachelor of Science in Nursing. Students should not apply to the College of Home Economics anticipating transfer to the School of Nursing unless they have a special interest in the program of this College. These students are expected to combine courses in home economics with those specifically required for entrance to the School of Nursing during the two years they are in the College.

Students wishing also the degree of Bachelor of Science in home economics may receive credit toward that degree for certain courses taken at the School of Nursing and will return to Ithaca for additional study after completing their work at the hospital.

Information regarding such a combination of work in the two schools may be obtained from the Class Counselor. The *Announcement of the Cornell University-New York Hospital School of Nursing* may be obtained by writing to Miss Virginia Dunbar, Dean of the School of Nursing, 525 East 68th Street, New York 21, New York.

ADMISSION

APPLICATION

A blank for formal application for admission to the College of Home Economics should be obtained from the Director of Admissions, Cornell University, Edmund Ezra Day Hall, Ithaca, New York. Freshmen and advanced-standing students are admitted in September. Advanced-standing students are also admitted in February. Formal application forms must be filed by March 1 each year for admission in September, and the initial request for them should be made well in advance of March 1 in order to provide sufficient time for collection of records. Formal application forms must be filed by December 15 for admission in February.

During the spring the Admissions Committee of the College interviews each applicant whose scholastic record meets the entrance requirements of the College.

Interviews are held in various centers throughout the state, and applicants for admission in September are notified early in March of the date and place of the interview to which they are asked to come.

All September candidates are notified at one time of acceptance or rejection, usually during the latter part of May.

Applicants should consult the Circular of Information sent with the application blank for the most recent statement of entrance requirements.

FRESHMAN ENTRANCE REQUIREMENTS

In order to be entitled to consideration for admission applicants must offer the following:

1. Sixteen units representing completion of a secondary school course and in the main to be made up of English, foreign language (ancient or modern), mathematics, science, and social studies including history.

A detailed statement with respect to the high school subjects which may be offered for admission is found in the *General Information* booklet, which will be sent, on request, by Cornell University Official Publication, Edmund Ezra Day Hall, Ithaca, New York.

2. A high school average of at least 80 at the end of the seventh semester and at the end of the high school course.

3. A scholastic rating in the upper two-fifths of the high school graduating class at the end of the seventh semester and at the end of the high school course.

4. A satisfactory score on the Scholastic Aptitude Test of the College Entrance Examination Board.

All applicants must present evidence of breadth and continuity of

interest and such characteristics of personality as self-reliance and industry.

The number of applicants who meet the minimum scholastic requirements for entrance greatly exceeds the number that can be admitted. Each applicant is advised to investigate other educational opportunities and to make an alternative plan to which she may turn in case she is not accepted into the College.

ORIENTATION WEEK

Undergraduate students accepted for admission to the College of Home Economics are expected to attend all sessions of the program during Orientation Week. This arrangement helps new students to become acquainted with the University environment and to make plans for their year's work before college begins. Students are notified in advance of the dates and time of meetings.

ADMISSION WITH ADVANCED STANDING

In 1952 all advanced-standing applicants were required to present the College Transfer Test of the College Entrance Examination Board. Details as to this requirement for 1953 will be found in the Circular of Information, which accompanies each application form.

The records of students admitted to the College of Home Economics from other colleges in Cornell University or from other institutions of collegiate rank may be submitted for credit toward advanced standing. Credits submitted from institutions other than Cornell will be accepted for transfer only if grades are equivalent to or above the Cornell 70. Transfer is seldom made from unaccredited institutions. If made, it is conditional and tentative until the end of the first year of residence. Applicants for admission should direct questions concerning the granting of credit to the chairman of the Committee on Admissions in the College of Home Economics.

In order to obtain the degree of Bachelor of Science, the student must meet the requirements for this degree as stated on pages 53-54. She must also be in residence in the College of Home Economics for the last two regular terms prior to receiving the degree and must complete at least 30 hours of work in the regular college year, of which 20 shall be in Home Economics. Such work will not include credits earned in Cornell summer sessions.

Students may find it necessary to spend more than the normal length of time to obtain the degree in order to meet these requirements and those of their field of professional or preprofessional preparation. The amount of time varies with the extent and nature of the student's aca-

demic background at the time of admission and with her field of special interest.

ADMISSION WITH SPECIAL STANDING

The College of Home Economics is able to accommodate a very limited number of special students not candidates for advanced degrees. Applicants generally hold baccalaureate degrees. Special students must take at least two-thirds of their work in the State Colleges each semester they are registered in the College. They are expected to maintain the same academic standards as undergraduates (see page 50).

Application should be made to the University Director of Admissions for entrance with special standing in the College of Home Economics. The applicant should write to the chairman of the Admissions Committee of the College indicating the type of work she wishes to take as a special student.

Special students pay the same University fees as those paid by regular students in the University (see pages 35 and 37). Applicants should correspond with the office of the Dean of Women regarding rooms.

Out-of-state special students taking a full-time schedule of twelve or more credit hours will pay tuition of \$150 a semester. For special students who are teaching or otherwise employed in the Ithaca community, and who are registered for less than a full-time schedule, tuition may be adjusted by the Treasurer. Special students who are state residents and who hold a first degree from the New York State College of Home Economics will be charged \$18.75 a credit hour for courses taken in the colleges not state-supported.

THE GRADUATE PROGRAM

All graduate students who take their major work in some area of home economics are registered in the Graduate School, the School of Nutrition, or the School of Education of Cornell University and receive their higher degrees from these schools. Names of the members of the faculty of the College of Home Economics who are also members of the faculties of these schools will be found in the appropriate catalogue.

Inquiries about admission should be addressed to *The Graduate School*, *The School of Nutrition*, or *The School of Education, Cornell University*. Requests for specific information regarding opportunities for advanced study should be directed to the Representative of the Field in which an applicant is interested.

The Fields for major and minor study in the Graduate School in the area of home economics are Child Development and Family Relationships, Economics of the Household and Household Management, Food and Nutrition, Housing and Design, Home Economics Education, Institu-

tion Management, and Textiles and Clothing. Course offerings in these Fields are listed in the Announcements of the College of Home Economics, the School of Nutrition, and the School of Education. General home economics is offered as a minor only. Students electing it select courses from the offerings in several of the departments.

Since graduate students in all colleges of Cornell University may use the facilities in any of the colleges, graduate programs have great flexibility and permit unusual richness of training. Students majoring in any field in home economics frequently carry minors in related sciences or arts outside the area of home economics.

An especially valuable part of the graduate training concerns research methods and techniques. Each department of the College carries on a continuous program of experimentation and study. A considerable amount of research is also carried on at the College in collaboration with other groups both within the University and in institutions elsewhere. The programs of the Cornell University Housing Research Center and the Cornell University Social Science Research Center offer opportunities for interdisciplinary cooperation. Graduate students work under the supervision of faculty members to gain experience and training in general research methods and in specific techniques which are related to their special fields of study.

Graduate assistantships, available in each of the departments of the College of Home Economics, offer opportunities for some students to gain experience in college teaching or in research and to secure financial aid. General information regarding assistantships and requests for application forms should be addressed to the Secretary of the College of Home Economics, Cornell University. Inquiries about specific assistantships may be addressed to the head of the department concerned.

ADVANCED DEGREES

For full information regarding the M.S. and M.A. degrees and the Ph.D. degree, see the *Announcement of the Graduate School*; regarding professional degrees in education, see the *Announcement of the School of Education* as well as the *Announcement of the Graduate School*; regarding the degrees of Master of Nutritional Science or Master of Food Science, see the *Announcement of the School of Nutrition*. All these Announcements may be obtained by writing to the offices of the respective schools, or to Official Publication, Edmund Ezra Day Hall, Cornell University, Ithaca, New York.

MASTER'S DEGREE . . . Graduate study leading to a Master's degree is offered in Child Development and Family Relationships, Economics of the Household and Household Management, Food and Nutrition, Home

Economics Education, Housing and Design, Institution Management, and Textiles and Clothing. To carry extensive work in any of these areas, a student selects it as a major subject and also selects a minor subject.

DOCTOR'S DEGREE . . . The approved major subjects for study leading to the Ph.D. degree are Child Development and Family Relationships, Economics of the Household and Household Management, Food, Food and Nutrition, Nutrition, Housing and Design, and Home Economics Education. Home Economics Education is also an approved major subject for study leading to professional degrees in education.

LIVING ARRANGEMENTS

Cornell University requires all undergraduate women to live and take their meals in housing units operated by the Department of Residential Halls unless they are living at home or in one of the recognized sorority houses. Permission to live elsewhere is granted only under exceptional circumstances upon written application to the Dean of Women.

The residence charge in the dormitories is \$447.50 a term, or \$895.00 a year, and includes full board, room, and an allowance for personal laundry. Requests for room assignment to a dormitory are not considered unless submitted on an official room application blank. Room application blanks are distributed only by the Office of Admissions, and one is automatically enclosed in the letter of provisional acceptance sent to each successful candidate.

The Dean of Women is the recognized representative of the University in all matters relating to the welfare, the social life, and the self-government organizations of the women students. Prospective students are requested to write to her, in Edmund Ezra Day Hall, for information concerning matters in which they may need assistance.

HEALTH SERVICES AND MEDICAL CARE

These services are centered in the University Clinic or out-patient department and in the Cornell Infirmary or hospital. Students are entitled to unlimited visits at the Clinic; laboratory and X-ray examinations indicated for diagnosis and treatment; hospitalization in the Infirmary with medical care for a maximum of 14 days each term and emergency surgical care. The cost for these services is included in the College and University general fee. For further details, including charges for special services, see the *General Information* booklet.

EXPENSES

TUITION

Tuition is free to undergraduate students (except those in Hotel Administration and those registered in the Summer Session) pursuing regu-

lar or special courses in the New York State College of Home Economics, who at the time of their admission to the College are, and for at least twelve months prior thereto have been, bona fide residents of the State of New York. Students who are not exempt from tuition on entrance are held for tuition throughout their college terms.

Any student transferring from one college or course in the University to another must pay for the hours of credit allowed in the latter college or course an amount corresponding to the difference in tuition; no such transfer shall be allowed or credit given until such payment has been made. The taking of such credit hours may not be reduced or deferred.

Students in Home Economics who are not exempt under these provisions are required to pay \$150 a term for tuition.

OTHER FEES

A composite fee of \$86 per term (see p. 37) covers the following services:

Laboratory and library. The student is entitled to the normal amount of materials required for the course and an allowance for breakage. No additional charge should be incurred by a student who is careful in the use of supplies and equipment. Costs incurred by a student in excess of these allowances will be charged against him or her by the department.

Administration and endowed college laboratory services.

Health and infirmary. See "Health Services and Medical Care" above.

Student Union membership. Membership entitles the student to a share in the common privileges afforded by the operation of Willard Straight Hall, subject to regulations approved by the Board of Managers of the Hall.

Physical recreation. Women students are entitled to the use of the women's gymnasium, recreation rooms, and playgrounds, and to the use of a locker.

Student activities. Various student organizations, approved by the Student Council, are open for membership to all students.

Matriculation costs of \$18 are required of every student upon entrance into the University. A new student who has made the required deposit of \$30 with the Treasurer does not make an additional payment of the matriculation costs because the Treasurer draws on the deposit for this fee (see page 37).

A **graduation fee** is required, at least ten days before the degree is to be conferred, of every candidate for a degree. This fee is \$10 and is the same for baccalaureate and advanced degrees. The fee will be returned if the degree is not conferred.

Special fees. Assessments, charged to the student's account and payable at the Treasurer's office, are levied upon the student in certain circumstances.

Fees for late registration, or for examination to make up an "incomplete," or a grade of "absence," are discussed on pages 47 and 48.

A student is held responsible for payment of appropriate fees for any injury done to any of the University's property.

DATES FOR PAYMENT OF BOARD AND ROOM, TUITION, AND OTHER FEES

The charge for board, room, and allowance of laundry in the women's dormitories is \$895 a college year, payable in four equal installments. For the fall term, the first payment is due 30 days prior to the date of registration and the second payment at midterm. For the spring semester, payments are due at the beginning of the term and at midterm.

Tuition and other fees must be paid within twenty days after the last registration day of each term of the regular session. The last day of grace is printed on the registration card which the student is required to present at the Treasurer's office.

Any student who fails to pay her tuition charges, other fees, room and board, and other indebtedness to the University, or who, if entitled to free tuition, fails to claim it at the Treasurer's office and to pay her fees and other indebtedness within the prescribed period of grace, is thereby dropped from the University unless the Treasurer has granted her an extension of time to complete payment. The Treasurer is permitted to grant such an extension, when, in his judgment, the circumstances of a particular case warrant his doing so. For such an extension, a fee of \$2 is assessed. A reinstatement fee of \$5 is assessed any student who is permitted to continue or return to classes after being dropped from the University for failure to pay within the prescribed time. The assessment may be waived in any instance for reasons satisfactory to the Treasurer and the Registrar, when such reasons are set forth in a written statement.

Any tuition or other fee may be changed by the Board of Trustees to take effect at any time without previous notice.

PROCEDURE FOR PAYMENT OF FEES AND DEPOSITS

The Registrar provides each student with registration forms prepared on machine record cards. One of these cards in each term is a combi-

nation bill and receipt. The student presents this card to the cashier in the Treasurer's office when she makes payment. The Treasurer does not issue term bills. Since there are penalties for late payment of fees as described above, it is important that all fees be paid within the prescribed time.

THE CASHING OF CHECKS

The Treasurer of the University accepts checks in settlement of charges payable at his office, but a rule of the Board of Trustees forbids him to cash any credit instrument, even to the extent of accepting a check or draft in amount greater than the sum due and returning the excess in cash. Students are therefore advised to open an account in an Ithaca bank as soon as they arrive in town, or else to provide themselves with travelers' checks, drafts on New York City banks, money orders, or other forms of credit instruments such as a bank will cash in the ordinary course of business.

ESTIMATE OF TERM EXPENSES OF STUDENTS

Personal expenses, such as transportation to and from home, clothing, recreation, and miscellaneous items, are to be estimated by the individual.

REQUIRED:

For all students	
*Tuition (waived for state residents)	\$150.00
†Room and board in dormitory	447.50
*University and College general fee	86.00
*Books and materials (estimated average)	30.00
Total including tuition	\$713.50
For new students	
*Deposit with treasurer (paid prior to entrance)	\$ 30.00
Draw from this:	
Matriculation costs	\$18.00
‡Guaranty fund to be retained until graduation. May then be returned	12.00
§Room deposit	\$ 25.00
For freshmen and sophomores	
Gymnasium equipment (to be purchased according to Department's instructions)	\$ 15.00
For seniors	
Graduation fee	\$ 10.00

DESIRABLE BUT NOT REQUIRED:

Freshman banquet fee	\$ 1.50
Music, University Concert Course (season)	3.50 to 9.50
Dramatic Club productions, each60 to 1.00
Athletic games (season—estimated)	12.00 to 15.00

* Special students also are held for these fees.

† Additional charge is made to students remaining in Ithaca during Christmas and spring vacations.

‡ Regular and special students taking honorable dismissal will have a return on this when the "dismissal" is granted.

§ Applied in full against initial room and board bill.

OPPORTUNITIES FOR EARNING EXPENSES

Applicants should understand at the outset that there is no way to earn while at college the entire amount necessary for the college course. Even before launching a plan to earn a portion of the college expenses, students should give careful consideration to the amount of remunerative work that can be carried successfully with an average college program. Otherwise health, the quality of scholastic work, and many of the opportunities which a college education affords are sacrificed. In planning their college programs, students should remember that classroom work is but one part of education. Opportunities for participation in activities, time for social life, special lectures and concerts, reading, relaxation, sleep, and even spare time may be as significant in the educational program as are the courses for which the student registers. It is important for the freshman to find her place in the new community as early as possible and this should be taken into consideration in planning the part she should carry in earning her college expenses. There are advantages in keeping the work load to a minimum during the first year, but sometimes, when it is obvious that college work will be impossible unless the student earns a substantial amount of her expenses, it seems wise for her to make sure of a position during the first year. This may give the student a feeling of financial security and also prevent too heavy a work schedule at a later period in her course. When there is uncertainty as to the best planning in this regard the student may obtain financial counseling by writing to the office of the Dean of Women.

SUMMER AND PART-TIME EMPLOYMENT

Summer work serves a twofold purpose. In addition to financial assistance, it provides an opportunity for the student to gain vocational experience, in some cases to see the various opportunities a given vocational field offers, and to learn something of the personal qualifications and adjustments required.

Last summer undergraduates were engaged in many camp jobs as counselors, dietitians, or assistant dietitians; in resorts and summer hotels as waitresses, cooks, clerical workers, hostesses; in families as general assistants, responsible for either food preparation or the care of children; in tea rooms and cafeterias as general assistants; in department stores as salespeople; in offices as secretaries, stenographers, or clerical workers; in nursery groups and playgrounds as teachers or assistant teachers; and in industrial plants as skilled and unskilled workers. Some worked as apprentices in the dietary or nursing departments of hospitals. This is an excellent opportunity for students who anticipate postgraduate training in hospital dietetics or nursing.

Seventy-four per cent of the students in the College reported jobs for the summer of 1951. The average number of weeks of employment per student was 9, and the average amount earned was \$300. Thirty-three per cent had maintenance in addition to this amount. Applications for summer jobs may be made through the Placement Secretary's office early in the spring term.

There are some opportunities for regular part-time work during the college year in the laboratories and departmental offices of the College. Application for these may be made in the College Placement Office.

Some students may earn their board during the college year by waiting on table in the dormitory dining rooms. In these cases \$228 a term is deducted from the total dormitory charge of \$447.50 a term for room and board. Occasionally a student may earn full room and board in a private family, in return for four hours of work a day in the home. This type of employment handicaps a student considerably because of the distance from the campus and the time involved. Homemakers prefer to employ students who have completed their first year at college and have shown ability to handle housework and scholastic requirements at the same time. Placements in homes are handled by the office of the Dean of Women, and, since Cornell University requires women students to live in the residential halls, special permission to live elsewhere must be secured from the Dean of Women before any plans for work are made.

Students may earn small amounts by doing miscellaneous work by the hour such as caring for children, serving at teas, light housework, clerical work, stenography, and typing. Calls for this work are irregular, and one cannot depend on earning any definite amount.

Information about opportunities for employment on the Cornell campus during the school term, except for jobs in the College itself referred to above, may be obtained from the office of the Dean of Women, Edmund Ezra Day Hall. The work plans for the college terms of all resident women students must be approved by the Dean of Women and should be on record there.

It is hoped that earning money will not have to be a main consideration all the time a student is in college. Much valuable experience is to be gained from an apprenticeship in a field in which a student hopes to be employed later, but often such apprenticeships cannot be paid, inasmuch as the student does not yet have sufficient experience to make her valuable to the organization.

SCHOLARSHIPS, PRIZES, GRANTS, AND LOANS

Resident students should acquaint themselves with the information on scholarships available for all women in the University. Information about these and about grants and loans may be obtained from the office of the

Dean of Women. Prospective students wishing scholarship information should contact the University Office of Admissions.

Certain scholarships are available for students in the College of Home Economics particularly. These are described in the following paragraphs. Unless specifically noted, scholarships for freshmen are usually not awarded until a student has been in residence at least one term. Applications for scholarships must be filed with the Secretary of the College by April 15, unless otherwise noted. A student may hold only one home economics scholarship in a given year.

THE HOME BUREAU SCHOLARSHIPS

Twelve scholarships, established by the New York State Federation of Home Bureaus, are awarded each year in recognition of leadership and financial need. Although preference is given to those interested in and preparing for the Extension Service, students with other vocational interests are also eligible. The money for these is contributed by members of the Home Bureaus throughout the state. Awards are made to students from New York State. In general, an average of 78 is desirable.

THE CARRIE GARDNER BRIGDEN SCHOLARSHIP was named in honor of the first president of the New York State Federation of Home Bureaus. It is awarded to a member of the incoming senior class and was held during the year 1951-52 by Catherine McDonald.

THE MARTHA VAN RENSSELAER SCHOLARSHIP was named in honor of the first state leader of Home Demonstration Agents in this state and the first director of the New York State College of Home Economics. It is awarded to a member of the incoming senior class and was held during the year 1951-52 by Florence Swenk.

THE FLORA ROSE SCHOLARSHIP was named in honor of the second director of the New York State College of Home Economics. It is awarded to an incoming junior or senior and was held during the year 1951-52 by Joan Schultz.

THE RUBY GREEN SMITH SCHOLARSHIP was named in honor of a former state leader of Home Demonstration Agents and counselor of the New York State Federation of Home Bureaus. It is awarded to an incoming junior or senior and was held during the year 1951-52 by Joan Wright.

THE NETTIE M. ROODS SCHOLARSHIP was named in honor of a former treasurer of the New York State Federation of Home Bureaus. It is awarded to an incoming junior or senior and was held during 1951-52 by Evelyn Glasier.

THE ANNA GAGE PUTNAM SCHOLARSHIP was named in honor of a member of the first Board of Directors of the New York State Federation of Home Bureaus and a loyal member for many years. Incoming sophomores, juniors, and seniors are eligible to hold this scholarship. It was awarded for the year 1951-52 to Jacquelyn Leather.

THE MARTHA H. EDDY SCHOLARSHIP was awarded for the first time for the year 1947-48. Mrs. Eddy, in whose honor it is named, is a former president of the State Federation of Home Bureaus. She has been a member of the Saratoga County Home Bureau since its organization and at present is one of the College Counselors of the Federation. The scholarship is available to incoming sophomores, juniors, and seniors, preference being given to underclassmen. This scholarship was not awarded for the spring and fall of 1952 but will be awarded for the academic year 1952-53.

THE ANN PHILLIPS DUNCAN SCHOLARSHIP was named in honor of Ann Phillips Duncan, who was the Home Demonstration Agent for Broome County and one of the organizers of the State Federation of Home Demonstration Agents, and who served on the State Fair Commission. This scholarship is available to incoming sophomores, juniors and seniors.

In 1951-52 it was awarded as a grant rather than a scholarship and was held by Marion Plummer Bull.

THE ELIZABETH MACDONALD SCHOLARSHIP was awarded for the first time for the year 1948-49. It is named in honor of a past president of the Home Bureau Federation who was also for ten years director of the Associated Women of the American Farm Bureau Federation. The scholarship is available to incoming sophomores, juniors, and seniors, preference being given to underclassmen. This scholarship was not awarded for the spring and fall of 1952 but will be awarded for the academic year 1952-53.

THE ELIZA KEATES YOUNG SCHOLARSHIP was awarded for the first time for the year 1949-50. It is named in honor of the third president of the Home Bureau Federation, who was for many years a member of the Legislative Forum Committee. Mrs. Young has also been prominent in work with the Associated Country Women of the World. The scholarship is available to incoming sophomores, juniors, and seniors. It was held in 1951-52 by Dorothy Dean.

THE CORA L. TYLER SCHOLARSHIP was awarded for the first time in 1950-51. It is named in honor of the sixth president of the Home Bureau Federation. This scholarship is available to incoming sophomores, juniors, and seniors, preference being given to underclassmen. This schol-

arship was not awarded for the spring and fall of 1952 but will be awarded for the academic year 1952-53.

THE EVALYN F. GATCHELL SCHOLARSHIP will be awarded for the first time in 1952-53. It is named in honor of the seventh president of the New York State Federation of Home Bureaus, who was a member for many years of the State Board of Directors. Mrs. Gatchell was present at the meeting in 1919 which was called to organize the New York State Federation of Home Bureaus and represented the Rural Women of the United States at the unveiling of the bronze plaque at the Peace Bridge, given by the Associated Country Women of the World, commemorating 150 years of peace between the United States and Canada.

This scholarship is available to incoming sophomores, juniors, and seniors.

OTHER SCHOLARSHIPS

THE NEW YORK STATE BANKERS' ASSOCIATION SCHOLARSHIP was established in 1940 making \$150 available to an incoming freshman who is a 4-H Club member. Since 1948-49 the sum has been \$200. Half is paid upon matriculation as a freshman, and the remaining half is paid at the beginning of the next semester.

The recipient, selected on the basis of scholarship, leadership, and financial need, must be a 4-H Club member, and must be in the group of students accepted as freshmen by the College of Home Economics. After acceptance, freshmen may obtain application blanks from the county 4-H Club office. Awarded for 1951-52 to Sally Johnson.

SEARS-ROEBUCK SCHOLARSHIPS in home economics were established in 1950 by the Sears-Roebuck Foundation. The awards, usually \$200, are made to freshman women coming from rural communities. Half of the award is paid upon matriculation as freshmen, and the remaining half is paid at the beginning of the second semester. The recipients, selected on the basis of financial need, scholarship, and potential leadership, must be in the group of students accepted as freshmen by the College of Home Economics. Application blanks may be obtained from the Secretary of the College and must be completed by July 15. Awarded for 1951-52 to Marjorie Goodrich, Nanette Gravener, Mable Lamb, and Carolyn Wheeler.

THE GRACE SCHERMERHORN SCHOLARSHIP is given by the Association of Homemaking Teachers of the New York City Elementary and High Schools in memory of a former director of homemaking education. It is awarded to a student entering the New York State College of Home Economics. To be eligible to apply, a student must be outstanding in scholarship and character and must be recommended by the teacher

of homemaking in her particular high school. She must expect to prepare to teach in New York City. Awarded for 1951-52 to Claire Wagner.

THE NEW YORK STATE FEDERATION OF WOMEN'S CLUBS SCHOLARSHIP . . . The New York State Federation of Women's Clubs offers from time to time two scholarships of \$250 each, to juniors or seniors in an accredited college in New York State. Award is on the basis of scholarship, financial need, and interest in civic affairs in New York State. Application blanks may be obtained from the chairman of the Federation Scholarship Committee, Dr. Lucy Harmon, Geneseo, New York, before June 1. Awarded in 1951-52 to Bonnie Hall and Patricia Keller.

DREYFUS MEMORIAL SCHOLARSHIPS . . . Two scholarships of an annual value of about \$500 each have been established by Mrs. Berta E. Dreyfus in memory of her husband, Dr. Louis A. Dreyfus. In their award preference is given first to students coming from the high schools of Richmond County, New York, and next to those from Sandusky, Ohio. First consideration is given to those specializing in chemistry, engineering, or agriculture or, to women, in home economics or arts and sciences. These scholarships are awarded to incoming juniors and seniors. Applications should be made to the chairman of the University Scholarship Committee before the close of the spring term.

DAUGHTERS OF THE AMERICAN REVOLUTION INDIAN SCHOLARSHIP . . . The New York State Conference, Daughters of the American Revolution, has created a scholarship in the College of Home Economics for New York Indian students. This permanent scholarship is in memory of Olive S. Whitman, late wife of ex-Governor Charles S. Whitman. Applications must be filed with Mrs. Thaddeus Merriman, Hotel New Weston, 36 East 50th Street, New York, New York, by freshmen, at the time of application for admission to the college. Not awarded in 1951-52.

NONRESIDENT TUITION SCHOLARSHIPS . . . Eight scholarships giving waiver of tuition are open to students who are not residents of New York State. Three give preference to foreign students. Need and academic achievement are considered. Application is to be made to the Dean of the College. These awards are made to members of all classes. Awarded in 1951-52 to Liddell Tauscher, Mary Lou Bussing, Judith Karkus, Ellen Butterfield, Amanda Goldsmith, Nurith Einhorn, Susan McKelvey, and Leslie Papenfus.

OMICRON NU SCHOLARSHIP . . . Omicron Nu, a national home economics honorary society, offers a scholarship to a member of the incoming junior class. The award is made on the basis of financial need,

scholarship, continuing interest in home economics, and leadership. A minimum cumulative average of 78 is required. In 1951-52 awards were made to Ellen Butterfield and Greta Rystedt.

THE HOME ECONOMICS CLUB SCHOLARSHIP is awarded to a member of the incoming senior class. The holder of the scholarship is selected on the basis of financial need, leadership, and scholarship. A minimum cumulative average of 78 is required. In 1951-52 awards were made to Joyce Frankel and Mina Brown.

THE HOME ECONOMICS ALUMNAE ASSOCIATION SCHOLARSHIP is given in honor of Martha Van Rensselaer. It is awarded to a member of the incoming sophomore, junior, or senior class who is an outstanding student. It is awarded on the basis of scholarship, leadership, and financial need. A minimum cumulative average of 78 is required. Awarded in 1951-52 to Amanda Goldsmith.

THE ROBERT M. ADAMS 4-H MEMORIAL SCHOLARSHIP was established in memory of Professor R. M. Adams by the 4-H Clubs of the State of New York. The scholarship yields approximately \$50 a year. Students who are state residents are eligible to apply after their first year in the College, and those who have been 4-H Club members are given first consideration. The award is based on financial need, leadership, and scholarship. A minimum cumulative average of 78 is required. Awarded for 1951-52 to Elizabeth Dean.

THE BORDEN HOME ECONOMICS SCHOLARSHIP . . . A fund established in 1944 by the Borden Company provides for an annual award of \$300 to the top-ranking member of the senior class. The award is made in the fall prior to graduation. The recipient must have completed two or more courses in food and nutrition. Awarded in the fall of 1951 to Judith Kredel.

THE DANFORTH SUMMER FELLOWSHIP is awarded annually by the Danforth Foundation and the Ralston-Purina Mills in St. Louis, Missouri, to outstanding juniors of thirty-nine state universities. Juniors in the New York State College of Home Economics are eligible to apply through the office of the Secretary of the College. Applications should be filed by April 15.

This fellowship provides opportunity to study problems of manufacturing, commercial research, distribution, advertising, personnel, and leadership. The fellowship covers the student's expenses for two weeks of study and observation at the Ralston-Purina plant in St. Louis, and for two weeks of leadership training at the American Youth Foundation Camp on Lake Michigan.

The recipient is chosen by a faculty committee and the scholarship

holder of the previous year, for her interest in the commercial field, her scholarship and leadership ability, and as an outstanding student in physical, mental, social, and religious development. Awarded in 1951 to Elizabeth Sadd.

THE DANFORTH GIRLS' SCHOLARSHIP is awarded annually to an outstanding freshman in home economics. Cornell is eligible to recommend candidates. The candidate recommended by her college receives a half scholarship, and one girl is chosen by the Danforth Foundation for the national honor of a full scholarship. Candidates receive two weeks of leadership training with free tuition and expenses at the American Youth Foundation Camp on Lake Michigan. Half scholarship awarded, 1951, to Joan Beebe.

PRIZES

THE ELSIE VAN BUREN RICE HOME ECONOMICS PUBLIC SPEECH STAGE is an annual speaking contest open to students in good standing in the College of Home Economics. Preliminaries are held under the auspices of the Home Economics Club, and the final contest usually takes place during Farm and Home Week. The subjects are chosen by the competing students.

A first prize of \$100 and a second prize of \$25 are offered.

This public speaking contest was endowed by Professor Emeritus James E. Rice of the Department of Poultry Husbandry to further the preparation of students in home economics for participation in public affairs. First prize, 1952, awarded to Elizabeth Dean, second prize to Kathleen Kendrick.

For information concerning prizes offered in the University and open to competition of students in the College of Home Economics, see the pamphlet, *Prize Competitions*, which may be obtained from Cornell University Official Publication, Edmund Ezra Day Hall, Ithaca, New York.

GRANTS

ALUMNAE ASSOCIATION CASH AWARDS . . . A small fund is maintained by the Alumnae Association of the New York State College of Home Economics from which worthy students under financial pressure may receive small sums. Applications should be made through the Secretary of the College.

OMICRON NU provided the money for a grant-in-aid in 1951-52, and this was presented to Helen Grabo.

LOANS

The Omicron Nu Loan Fund was established at the suggestion of Emma Rose Curtis of the class of 1937 and was originally named in her honor. It is available to seniors in the New York State College of Home Economics. No interest is charged, but loans must be paid back a year from the time of borrowing to ensure help to other students. Applications for loans from this fund should be made through the Secretary of the College.

The New York State Grange has established a loan fund to aid its members in securing a higher education. Application may be made to Mr. H. M. Stanley, Skaneateles, New York.

The Lambda Chapter of Epsilon Sigma Phi at Cornell has a substantial loan fund. Sons or daughters of any New York State extension workers, especially superior students who are preparing to enter the Extension Service, are eligible. If not entirely used by this group the balance of the fund is available to other students. These loans, secured by properly endorsed negotiable notes, are without interest during the college course and for six months thereafter, after which interest is at 4 per cent for one year and 6 per cent for each year thereafter until the principal is paid. Notes must be renewed annually. Interest charges begin six months after the borrower receives the degree for which the loan was made. If the borrower leaves college before a degree is obtained, interest is charged six months after the borrower leaves college.

The Epsilon Sigma Phi Loan Fund is administered by a committee of three, of which Professor V. B. Hart, Warren Hall, Cornell University, is chairman. Applications for loans should be referred to this committee.

A number of other loan funds are available to students through the University. These are administered by a standing committee. Applications are made through the office of the Dean of Women.

The American Agriculturist Loan Fund is specifically for students in agriculture and home economics. Application may be made through the office of the Dean of Women.

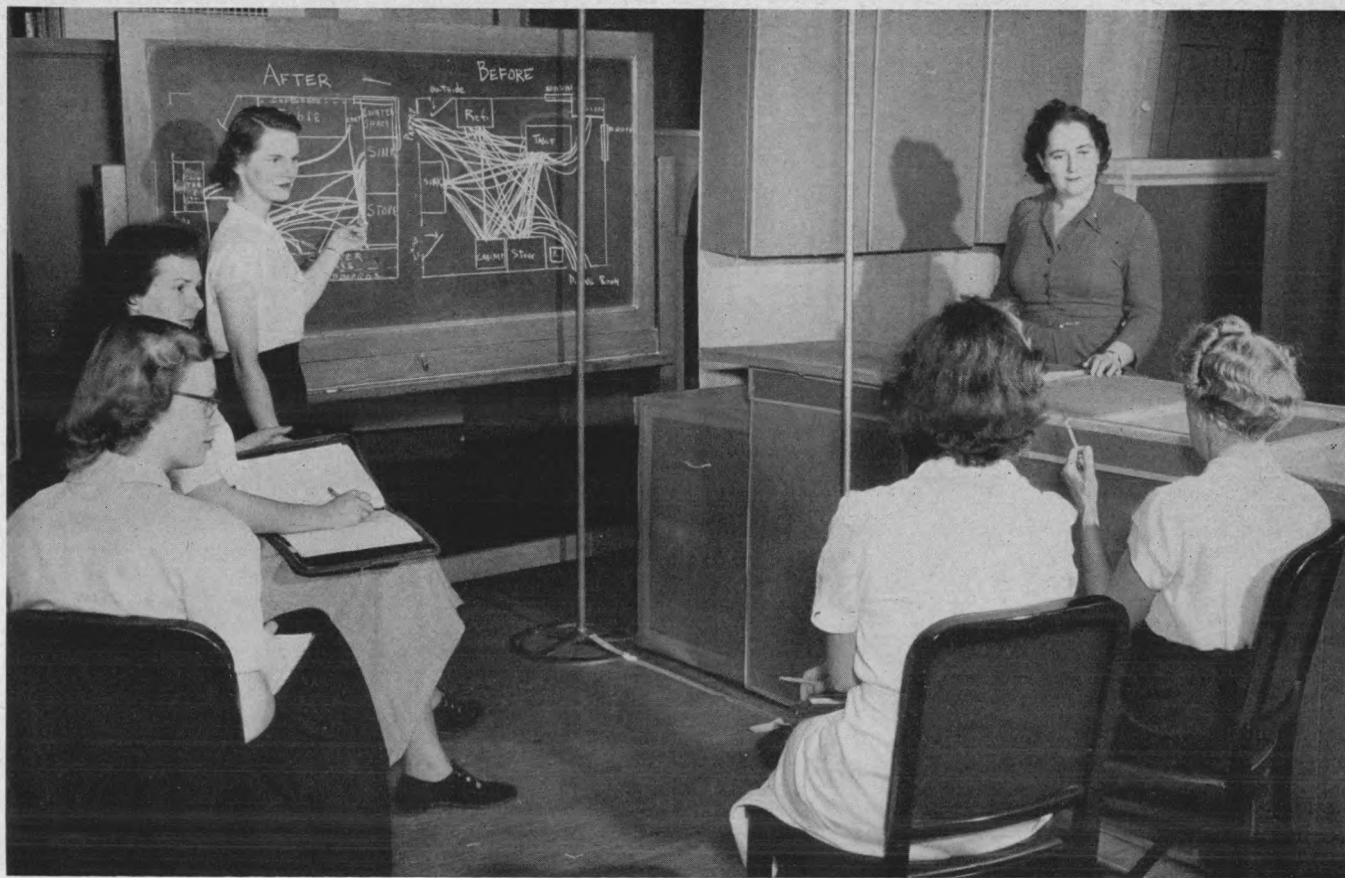
GRADUATE FELLOWSHIPS AND DEPARTMENTAL ASSISTANTSHIPS

THE ANNA CORA SMITH FELLOWSHIP FOR RESEARCH.

The Anna Cora Smith Fellowship is awarded to a young woman for research in home economics. The research must aim "to add to home-economics knowledge and to make all its teachings more useful both to the State and to the individual." The selection of candidates is made on the basis of fitness for research. While presumably the fellowship is



Outdoor activities are part of the fun of Nursery School.



This homemaker came to the College to work with students on testing the arrangement of her kitchen.



A demonstration in food preparation in a class in Food and Nutrition.



Adults meet together in the school homemaking center to study problems related to the home.



A student teacher gives a demonstration to high school students.



Students in the Homemaking Apartments enjoy having a baby in the family.



Laboratory in Color and Design.



Students at work in Housing and Design 235, improving storage facilities and refinishing furniture.



Students in Hotel Administration and Institution Management work on quantity food preparation in the Cafeteria kitchen.



Students develop appreciation of good line and fitting by draping on the dress form.

awarded to graduate students, no limitation is imposed to prevent the committee from exercising its discretion in the selection of an undergraduate student. Application should be made at the office of the Graduate School by March 1. Awarded for 1951-52 to Myra L. Bishop.

DEPARTMENTAL ASSISTANTSHIPS . . . A number of departmental assistantships in teaching and research are available to qualified graduate students. Many of these carry exemption from tuition in the Graduate School. Application should be made by March 1 if possible. Full information about assistantships available and method of application will be sent on request by the Secretary of the College of Home Economics.

PROCEDURES AND SPECIAL REGULATIONS

PREREGISTRATION

During each semester a period, designated *preregistration*, is used by the students to plan their programs in consultation with their counselors. The purpose of the preregistration period is to give time for thoughtful planning of programs; therefore, it is assumed that the student will adhere to this program unless unusual circumstances make changes necessary.

REGISTRATION

Registration permits for the fall term are sent to each student from the office of the Registrar before the beginning of the term. With these are directions for registration in the University. If a student has not received registration cards by registration day, she should go in person to the office of the Registrar to procure them. Instructions for registration in the College are issued by the office of the Secretary of the College.

Registration cards for the spring term will be given out at a time and place specified by the Registrar. Notice of the time and place will be posted in advance.

Special students follow the same procedure for registration as regular students.

A student who is absent from registration is liable for the late registration fee.

LATE REGISTRATION

A student registering in the University after the close of registration day shall first pay a fee of \$5. Permission to register late must be obtained from the Secretary of the College.

A student wishing to file the study card after registration day shall first pay a fee of \$2.

These assessments may be waived only if failure to comply with the regulation was due to reasons beyond the student's control. Application for such a waiver should be made to the Secretary of the College.

CHANGES IN COURSE REGISTRATION

A student cannot receive credit for a course unless she has registered for it in the College Secretary's office. If she attends a class without formal registration, she receives no credit for the course. Any student whose name continues on a class list because of failure to file a change-of-registration slip will receive a failing grade. Cancellation or addition of any course must be recorded in the Secretary's office. Procedures for change of registration are as follows:

A student must register according to the schedule she planned at the preregistration period and which she receives on registration day. During the first week of a semester a student who finds it necessary to drop a course or to add another course must obtain approval and a change-of-registration slip from the Class Counselor. This slip must be signed by the instructor in each course being added or dropped and must be handed in to the Secretary of the College, Room 146, before the end of the first week of classes.

After the first week of the semester, changes must be made through petition after consultation with the Class Counselor. A petition blank and a change-of-registration slip are obtained from the Class Counselor. These are returned to the Class Counselor who refers them to the Faculty Committee on Petitions and Academic Standing.

USE OF PETITIONS

A student may petition the Committee on Petitions and Academic Standing when for some unusual reason it seems impossible or unwise for her to comply with the rules of the University or College. In order that students may be clear on appropriate uses to be made of petitions, the following examples are given:

- (1) when it is necessary to lighten the schedule during the term for such reasons as health, increase in the amount of remunerative work that the student must carry, or other reasons on recommendation of the Counselor;

- (2) when the instructor recommends cancellation of the course during the term because the work is too advanced or the student lacks any aptitude for the particular type of work involved;

- (3) when a student wishes to carry a schedule of more than 18 hours exclusive of physical education. For such a petition to be granted, the student should have an average of 80 for the preceding term;

- (4) when it is necessary to carry a schedule of less than 12 hours;
- (5) when it is proposed to meet the graduation requirement in a special way;
- (6) when a student wishes to make a program change during the first week of a semester and the change does not have her Counselor's approval;
- (7) when permission is desired to study *in absentia* at an institution other than the Merrill-Palmer School.

LIBRARY FINES

Any fines incurred should be paid within ten days. The names of students delinquent in the payment of library fines will be sent to the Treasurer of the University. In order that a student may graduate, it is essential that all accounts be cleared. Failure to pay fines may result in withholding of the degree.

GRADES

Grades in the University are reported to the Registrar on the numerical scale of 0 to 100, 60 being the lowest passing grade.

In May, 1949, the faculty of the College agreed to the following interpretation of grades assigned in courses in home economics:

<i>Freshmen and Sophomores</i>		<i>Juniors and Seniors</i>	<i>Graduate Students</i>
Superior	87-100	90-100	92-100
Good	79-86	83-89	86-91
Average	74-78	78-82	80-85
Fair	66-73	70-77	75-79
Inferior	60-65	60-69	Below 75
Failure	Below 60	Below 60	Below 60

The grade of *incomplete (Inc.)* is assigned if the work of a course is not completed but, in the judgment of the instructor, the student has good reason for the deficiency and has shown evidence that she can complete the work of the course satisfactorily.

To remove the grade of *incomplete* and receive credit for the course, a student must obtain a permit from the office of the Secretary of the College and must pay a fee of \$2 unless waiver of the fee is granted by that office. A grade of *incomplete* must be removed before the expiration of two terms and a summer session, otherwise the grade automatically becomes a failure and is averaged in the student's record as 50.

If a student's deficiency in a course is merely the result of unavoidable absence from the final examination, the grade *absence (Abs.)* may be given. The student should obtain from the office of the Secretary of the College a permit for making up the examination. It is wise to make

up the examination as soon as possible, for obvious reasons, but two terms and a summer session are allowed. If not made up, this grade is figured in the average as 50.

At the end of the fall term a student may call for a statement of her grades at a place to be announced by the Registrar. Following the spring term grades will be mailed to the student during the summer.

The official record of the student's credits is in the office of the University Registrar, to whom requests for transcripts of record bearing the University Seal must be made.

ACADEMIC STANDING

A cumulative average of 70 is required for graduation. A student whose cumulative average is below 70, or whose average for a given term is below 70, is considered as not making satisfactory progress, and her record is reviewed by the Faculty Committee on Petitions and Academic Standing as soon as possible after the close of the semester. She may be warned, placed on probation or strict probation for a term, or she may be asked to leave the University. When any of these actions is taken, the student may request an opportunity to appear before the Committee to present her case and appeal the decision. Parents are notified of Committee decisions regarding academic standing.

Unless she is a resident of Ithaca, a student whose University attendance has been officially discontinued is expected to leave town within five days of the time of this discontinuance.

At the middle of the term during which a student is on strict probation she is requested to appear before the faculty Committee and present her current academic record.

Students who are on probation or strict probation are expected to abide by the following regulations adopted by the University faculty, February 12, 1947:

"No student who is on probation shall represent the University on any student organization or individually, either at home or abroad, nor shall he participate in the performance or management of any play, nor shall he hold the position of manager or assistant manager of any student activity, or any editorial position or any class office, nor shall he compete for any of the positions mentioned, nor shall he have membership on any athletic team or practice with such a team or have participating membership in any student organization. (The foregoing statement is not intended to apply to the intramural sports program.) If a student is placed on probation or strict probation, he is required to send immediate written notice of this fact to any and all University or student organizations with which he may be connected as officer, competitor, player, or worker of any sort whatsoever, and he shall inform such organizations that his connection with them has become non-participating.

"The term 'non-participating' is here interpreted to mean that the student may attend the meetings of and vote in any organization of which he is a permanent member but that he may not undertake any position or job in any University or student organization which consumes any of his time."

Records of students who fail to complete or to pass a total of 12 hours in any term will be reviewed by the Committee on Petitions and Academic Standing unless they have already been granted permission by that committee to carry less than 12 hours (see page 49). In the latter cases the records will be reviewed if the student fails to complete any part of her program.

ATTENDANCE AND ABSENCES

Regular attendance at lectures, recitations, and laboratory periods is expected throughout each term, beginning with the first day of instruction. In all cases of absence from class the student herself is responsible for explaining the reason for her absence directly to the instructor concerned. The instructor will decide whether or not the work may be made up. Any student who has been ill in the Infirmary should keep the slip issued to her by the Infirmary when she is discharged and present this to her instructors when explaining her absence.

The excessive absence of any student will be reported to the Class Counselor concerned, in order that the Counselor may investigate and help the student make whatever adjustment seems necessary.

A student whose record shows persistent absence may at any time be dismissed from the College on recommendation of the Petitions Committee. A student not in attendance on University duties and not a resident of Ithaca must leave town within five days after her University attendance has been officially discontinued.

EXAMINATIONS

The schedule of term examinations is prepared in the office of the University Registrar. There is to be no deviation from this except to avoid conflicts.

Exemptions from examinations may be granted to superior students at the discretion of the instructor concerned.

When a student misses an examination for an unavoidable reason, such as illness, a grade of *Abs.* may be given and arrangement made for a make-up (see page 49).

PROCEDURE FOR LEAVE OF ABSENCE, HONORABLE DISMISSAL, OR STUDY *IN ABSENTIA*

If a student finds it necessary to withdraw from the University before the end of a term, application should be made at the office of the Secretary of the College for a leave of absence or an honorable dismissal.

A leave of absence is granted for one semester only. At the request of the student it may be extended for a second semester. If the student does not indicate her intention to return before the beginning of the third term her record will be closed by an honorable dismissal.

An honorable dismissal refers to moral character, not to academic standing. It closes the student's record and entitles her to the return of the guaranty fund deposit (see p 37).

If the student wishes to re-enter at a later date, after having had an honorable dismissal, she must reapply through the Home Economics Committee on Admissions. Her application should be made, if possible, at least two months in advance of the date she wishes to return.

Study *in absentia* is limited to the senior year and may be taken only by petition and faculty approval. Permission to study *in absentia* at the Merrill-Palmer School is granted automatically, and the number of credits to be taken there is not limited. At other institutions credit taken *in absentia* is limited to 15 hours. A fee of \$12.50 is charged to bind a student's registration *in absentia*.

TRANSFER OF CREDIT

The total amount of credits granted for work taken at other institutions while a student is registered at Cornell is 30. Of these, not more than 15 may be taken *in absentia*.

Grades must be equivalent to the Cornell 70 and will not be included in the cumulative average.

Students wishing to study in the summer session at institutions other than Cornell and to have their credits transferred, must file a request at the Secretary's office. Credits taken in summer sessions or during leave of absence will be transferred only when the program is approved by the Class Counselor and the institution is approved by the College Secretary's office for transfer of credit. Grades must be equivalent to the Cornell 70 for work taken away from Cornell to count toward graduation. Work taken at Cornell will be recognized if it is of passing grade (60 or above). In any case, a maximum of 12 hours of summer session credit may be counted toward the degree, including credits from the Cornell summer session.

For regulations governing transfer of credit at the time a student is admitted with advanced standing, see page 31.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE*

The requirements for the degree of Bachelor of Science are the completion of 120 credit hours of required and elective work during the four years; and, in addition, four credits of physical education, one credit in each of the first four terms, unless excused by the University Committee on Requirements for Graduation. Official excuse slips are issued by the Secretary of the College.

The student must have a cumulative average of at least 70 for the work of the college course. She must be in residence for at least two terms immediately prior to receiving the degree.

Credits should be distributed in the following groups as indicated:

<i>Group I</i>	<i>Credit hours</i>
Basic sciences, minimum required hours	30
Courses in any college in the University. To include:	
A. Biological sciences	6
Courses to be taken in at least two of the following subject-matter areas: General Biology, Zoology, Botany, Bacteriology, Physiology, Anatomy, Histology, Biochemistry, Entomology.	
B. Physical sciences	6
Courses to be taken in at least two of the following subject-matter areas: Chemistry, Physics, Astronomy, Meteorology, Geology.	
C. Social sciences†	12
Not more than six hours may be in any one of the following subject-matter areas: Economics, Government, History, Psychology, Sociology, Philosophy.	
One course each to be taken in Groups 1, 2, 3, and 4 (below).	
Group 1. Courses which contribute to understanding the behavior of individuals.	
Group 2. Courses which contribute to understanding the social institutions of the society in which the individual lives.	
Group 3. Courses which contribute to understanding the social institutions of contemporary societies other than that in which the individual lives.	
Group 4. A second course from Groups 1, 2, or 3, or a course in any social science exclusive of courses which are technical, mathematical, or highly specialized.	
D. Basic science elective	6
Choose courses from A, B, or C. However, not more than nine hours of social science taken to meet the social science requirement and the basic science elective may be in one subject-matter area.	

<i>Group II</i>	
English 111-112, minimum required hours	6

* A student who is readmitted to the College after a period of years will be held for the graduation requirements which were in effect when she entered originally, provided her first registration was not more than eight years ago. Students who are readmitted after a period longer than eight years will be held for the requirements in effect at the time of re-entrance.

† A change in the social science requirement adopted in the fall of 1950 applies to all freshman and transfer students entering in the fall of 1950 and thereafter. The Counselors may be consulted for information about specific courses.

Group III

Home Economics, minimum required hours 40

To include the homemaking core courses (see courses starred, pages 55-85).

Group IV

Electives 44

A. Courses in any college in the University 24

B. Courses in the State Colleges of Home Economics, Agriculture, Veterinary Medicine, and the School of Industrial and Labor Relations. 20

Although the courses in Groups I and II and many of the courses in Group III contribute to the student's general education, it is hoped that these electives also will be used to broaden this aspect of the student's education.

120

Physical education (should be taken during the first four terms of residence) 4

Note: Agricultural Engineering 10 may be counted as Physics. Of the 10 hours of credit in Food and Nutrition 214 (115) and 215 (see pages 65-66), 6 hours are counted as Chemistry and may be credited to either Group IB or Group IVB; 4 hours are credited to Group III as Food.

Some courses in other colleges that may be counted toward the graduation requirement are described on pp. 85-91. Human Development 201 will count as 3 hours in Group IA, and Human Development 202 will count as 3 hours in Group IC.

Courses in Hotel Administration may be counted in Groups IVA and IVB; they may be included in Group III only by faculty permission.

Group I and Group IVA may be taken outside the State Colleges without additional charge to the student. If, however, a student fails in any course in either Group I or Group IVA, the credit hours of the failed course are counted against Group IVA. Courses may be taken outside the State Colleges beyond this limit of 24 hours only during the student's last semester prior to graduation, and provided that the hours taken in excess of 24 credits are also in excess of the 120 hours required for graduation, and upon payment of \$18.75 for each credit hour.

Description of Courses

To obtain for its students a broad background of educational experience the College of Home Economics supplements the courses offered in its various divisions of instruction with those given in other colleges of the University. Students should acquaint themselves with the catalogue descriptions of courses in these related departments.

Courses in home economics are numbered as follows:

Courses below 300: primarily for undergraduates.

Courses in the 100 group: without prerequisite.

Courses in the 200 group: having prerequisite; open to members of all classes as soon as the preliminary work has been taken.

Courses in the 300 group: primarily for juniors, seniors, and graduates.

Courses in the 400 group: for graduates.

Unless otherwise noted, all courses are given in Martha Van Rensselaer Hall. Courses starred represent the required homemaking core* (see pages 54 and 85).

ORIENTATION

JEAN FAILING, *Chairman*; THERESA HUMPHREYVILLE, Mrs. OLIVE PHELAN, DOROTHY HYNES, ESTHER STOCKS, Mrs. DORIS WOOD.

100. *ORIENTATION*. Fall. Credit two hours. Required of all first-term freshmen. Miss HUMPHREYVILLE and department staff.

T Th 9. Amphitheatre.

A course designed to acquaint the student with the educational experiences offered in college and to assist her in making a plan for intelligent use of them. Includes work on educational plans, discussion of personal, social, and study problems of college students, and investigations of some of the vocational opportunities in home economics.

201. *ORIENTATION*. Fall. Credit one hour. An elective course for transfer students only. Miss HUMPHREYVILLE and department staff.

Time and room to be arranged.

A course designed to help the transfer student orient herself in the new college setting. Discussion of program planning, the college curriculum, the many educational experiences available in the University and ways of using them; the historical growth of home economics; vocational opportunities in the field; the relation of these to college program.

CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS

ROBERT H. DALTON, *Head*; MARY L. BARRETT, Mrs. MARY BLUMEN, URIE BRONFENBRENNER, PAUL DEMPSEY, EDWARD C. DEVEREUX, JR., GEORGE FITZELLE, HAROLD FELDMAN, MARY FORD, DORIS M. KELLS, Mrs. BETTY H. LANDSBERGER, ELIZABETH S. MARSH, EDWARD

V. POPE, Mrs. MARIE REED, KATHARINE M. REEVES, Mrs. LEMO D. ROCKWOOD, HOWARD SHEVRIN, MARCUS SINGER, RUSSELL C. SMART, Mrs. RUTH H. THOMAS, ARTHUR VIDICH, Mrs. ETHEL B. WARING, MARGARET WYLIE.

The study of Child Development and Family Relationships is closely related to the biological and social sciences. To understand human behavior it is necessary to understand the physical and psychological structure of the person; it is also necessary to understand his economic, social, and other activities in the total social framework of a given culture. Since the development of the person is especially influenced by the intimate relationships in the family, the Department of Child Development and Family Relationships concentrates upon the study of family life.

Observations of young children and practical experience with them are provided through the department's Nursery School and the homes of the nursery school children, the city nursery schools, the play groups in the settlement houses, and other organized groups in the community.

Courses in other departments of the University that are related to the work in Child Development and Family Relationships are in *Psychology, Education, Anthropology, Sociology, and Zoology*.

***102. THE INDIVIDUAL AND HIS RELATIONS WITH OTHERS.** Fall and spring. Credit four hours. Primarily for freshmen and sophomores. Mr. SMART.

T Th S 10. Amphitheatre. Students should have available for observation in the nursery school at least one hour each week at 9, 10, or 11.

An analysis of the factors which influence the dealings of human beings with each other. Stress is laid on the experiences gained from living in a family which affect the growth and development of the individual and his social adjustment. One-hour observations in the nursery school each week serve as the basis for written reports and class discussions.

120. HEALTH IN THE HOME AND COMMUNITY AND HOME NURSING. Fall and spring. Credit two hours. Open to sophomores, juniors, and seniors. Miss ———.

M 2-4, W 2; F 2-4, W 3. Annex, second floor.

Basic principles of public health and preventive medicine, with special emphasis on prenatal care, infancy, and child care. Signs and symptoms of illness; ways of caring for the moderately ill and chronic patient (both child and adult) in the home; laboratories of commonly ordered treatments; the care of emergencies until the doctor arrives.

130. EXPERIENCE WITH CHILDREN. Fall and spring. Credit three hours. Primarily for sophomores. Recommendation of adviser and instructor's signature required at preregistration. Miss REEVES.

Discussion, T 2-4. Room 124. Laboratory periods individually arranged. The student must have one morning and one afternoon free for participation assignment.

Directed experience with young children in nursery schools and organized groups in the community. Observation, reading, reports.

140. CREATIVE PLAY IN CHILDHOOD. Spring. Credit three hours. Primarily for sophomores and juniors. Limited to fifteen students. Miss BARRETT.

Lecture, M W 2, Room G-62. Laboratory, F 2-4, Room G-21.

An experience in watching, listening, and appreciating children's play as they live out their individual and social needs, explorations, interests, sensitiveness in an environment which provides rich and resourceful materials.

Observations, recordings, readings, and class discussions center around children at different age levels during the childhood years.

A workshop experience for students in the use of a variety of materials for expression, learning, and enjoyment.

150. *CHILDREN'S LITERATURE*. Fall. Credit two hours. Miss REEVES.
M W 2. Room 121.

Literature as a resource in the child's living. The relation of children's literature to world literature. Traditional and modern forms. Illustration in children's books.

The student is expected to read widely in the literature for children two to twelve years of age, to participate in a story-telling group, and to work intensively on a problem of her own selection.

215. *CHILD DEVELOPMENT*. Spring. Credit three hours. Prerequisite, Child Development 102 or the equivalent. Mr. FELDMAN.

T Th S 10. Room 124.

Constitution, maturation, and biological and psychological needs will be considered as they affect the developing child's relationships with his family, peers, and teachers, his capacity and readiness to learn, and his perceptions of himself. The age range to be studied will begin with the prenatal period and continue through adolescence. The teaching method will include lectures, discussions, films, and demonstrations. Reports and demonstrations based on observation and the student's own experiences will contribute as illustrations.

[261. *FAMILY RELATIONSHIPS: DYNAMICS OF FAMILY DEVELOPMENT*. Fall. Credit three hours. *Not offered in 1952-53.*]

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For students recommended by advisers and approved by the head of the department and the instructor in charge for independent, advanced work not otherwise provided in the department; or for special arrangement of course work necessitated because of previous training.

303. *HISTORY AND PHILOSOPHY OF EARLY CHILDHOOD EDUCATION*. Spring. Credit three hours. Miss REEVES.

M W F 10. Room 124.

The educational position of the young child in twentieth-century America; the views of social philosophers, notably Rousseau, Pestalozzi, and Froebel, concerning the problems of early childhood; family education in America out of which evolved the kindergarten and nursery school; folk movements emphasizing the significance of the child, such as the Child Study Movement, the Child Health and Hygiene Movement, the Parent Education Movement. Observation in kindergartens and early grades in the city schools.

305. *METHODS OF CHILD STUDY*. Spring. Credit two hours. Primarily for seniors and graduate students. Limited to twelve students. Prerequisite, twelve or more credit hours in Child Development and Family Relationships and/or Psychology, and Child Development and Family Relationships 330 or permission of the instructor. Miss FORD.

T Th 9. Room 124.

This course deals with techniques which contribute to the understanding of the preschool child, such as observational records, rating scales, mental tests, and play techniques. The student is expected to gain some understanding of the use and interpretation of various techniques through limited practice in one or more areas.

310. *PRINCIPLES FOR CHILD GUIDANCE*. Fall and spring. Credit three hours. Open to juniors, seniors, and graduate students. Prerequisite, one course in Child Development and Family Relationships or Psychology. Mrs. WARING.

M W F 8. Room 121. A weekly small-group discussion by arrangement. Each student plans individually for observations in the nursery school—three hours every two weeks, preferably at 9, 10, and 11 o'clock each fortnight.

This course attempts to apply the knowledge and understanding of child behavior and psychodynamics of family interaction to the guidance of children. It deals with a child's behavior as the language whereby he tells his adults about his needs; with guidance as the procedures whereby his adults try to help him satisfy his needs; and with principles of guidance as the relationships between the two. These relationships are studied directly in the nursery school and then applied to older children.

315. *CHILD DEVELOPMENT*. Advanced course. Fall. Credit three hours. Primarily for seniors and graduate students. Limited to thirty students. Prerequisite, Child Development and Family Relationships 215 or equivalent. Mr. SMART.

M W F 10. Room 124.

Study and interpretation of research findings on the emotional, social, intellectual, motor, and physical development of children and adolescents. The emphasis is on the individual as a whole as he reacts in his environment.

325. *EXCEPTIONAL CHILDREN IN THE FAMILY*. Fall. Credit three hours. Open to juniors, seniors, and graduate students. Prerequisite, six or more credit hours in Child Development and Family Relationships and/or Psychology. Miss FORD.

M W F 9. Room 124.

This course deals with the personal-social development of exceptional children (gifted, retarded, and physically handicapped); family attitudes and responsibilities in relation to them; and community resources which supplement the family in providing for exceptional children. The primary emphasis is on the exceptional child in relation to his own family group.

[327. *HEALTH OF THE YOUNG CHILD*. Spring. Credit two hours. *Not offered in 1952-53.*]

330. *PARTICIPATION IN THE NURSERY SCHOOL*. Fall and spring. Credit three hours. *Open to upperclassmen in Home Economics Education* and other qualified seniors. Number of students limited. Permission of the instructor required. Child Development and Family Relationships 310 is recommended as a preceding or parallel course and is a required prerequisite for Home Economics Education students. Misses BARRETT and MARSH.

Four laboratory hours in blocks of two, three, or four morning hours (8:30-1). Discussions, T 3-4:30, Th 3. Fall term, Room 124; spring term, Room 121.

Opportunity for experience with a group of children in the nursery school teaching program. Readings and discussions supplement the participation experience in giving students an understanding of young children and of themselves in relationship with children.

331. *PARTICIPATION IN THE NURSERY SCHOOL*. Fall and spring. Credit four hours. *Open to juniors and seniors with concentration in Child Development and Family Relationships and other qualified seniors. Number of students limited. Permission of the instructor required.* Child Development and Family Relationships 130 or an equivalent experience is required as a prerequisite; Child Development and Family Relationships 310 is recommended as a preceding or parallel course. Misses BARRETT and MARSH.

Six laboratory hours in blocks of two, three, or four morning hours (8:30-1), preferably at least one 3-hour block. Discussion, T 3-4:30, Th 3. Fall term, Room 124; spring term, Room 121.

A course offering opportunity for specialized participation in the nursery school teaching program. Readings and discussions supplement experience with groups of children two, three, and four years of age. The course includes some acquaintance with parents as an introductory experience in teacher-parent relationships.

360. *PSYCHODYNAMICS OF HUMAN BEHAVIOR*. Fall. Credit three hours. Open to juniors, seniors, and graduate students. Limited to forty-five students. Prerequisite, one course in Child Development and Family Relationships or Psychology. Mr. FELDMAN.

M W F 11. Room 124.

Consideration of the influence of psychodynamics in human behavior. Special attention will be given to some of the basic determinants of personality; the development of control and structure in the individual; unconscious processes as they influence behavior.

362. *MARRIAGE AND FAMILY RELATIONSHIPS*. Fall and spring. Credit three hours. Each section limited to 45 students. Not open to students who have taken 261 or 370. Mrs. ROCKWOOD.

M W F 10 or 11. Room 121.

This course is concerned primarily with the personal-interactive aspects of marriage and family relationships in present-day America. Consideration will be given to: psychological needs and attitudes affecting the relationship of the sexes in the premarital period; the interplay of two personalities as marriage partners and as parents; the interrelations of the younger, middle, and older generations throughout the cycle of family development. The family culture is viewed as a part of the larger cultural pattern of American society.

365. (Rural Sociology 137.) *ADJUSTMENT IN THE MIDDLE AND LATER YEARS*. Fall. Credit three hours. Mrs. ROCKWOOD and Mr. TAIETZ.

T Th 11-12:30. Room 121.

This course considers the adjustments in the middle and later years as a process of biological, psychological, and social change. Emphasis will be placed upon changes in role and status, marital and family relationships, living arrangements and employment. The provisions, public and private, which have been developed to meet the aged person's economic, social, psychological, medical, recreational, educational, and housing needs will be described and evaluated.

[370. *MARRIAGE*. Spring. Credit three hours. *Not offered in 1952-53.*]

373. *THE INFANT AND HIS FAMILY IN OUR CULTURE*. Spring. Credit three hours. Open to juniors, seniors, and graduate students. Mr. SMART.

W F 2-3:30. Room G60E.

Study of the literature on the development of infants and its implications for the provision of optimal environmental conditions. Prenatal development is considered for the light it throws on development during the first two years. The family is seen as the mediator between the needs of the infant and the demands of the culture.

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the department and the instructor in charge for independent, advanced work.

405. *SEMINAR IN RESEARCH METHODS*. Fall. Credit three hours. Mr. DEVEREUX.

F 2-4:30. Room G-60E.

This seminar will review the principal methods and techniques relevant to research in child development and family relationships.

407. *THESIS AND RESEARCH*. Fall and spring. Credit and hours to be arranged. Registration with permission of the instructor. Mrs. WARING, Miss FORD, Messrs. BRONFENBRENNER, DEVEREUX, FELDMAN, and DEMPSEY.

415. *SEMINAR IN CHILD DEVELOPMENT*. Spring. Credit three hours. Open to graduate students by permission of the instructor. Limited to twelve students. Prerequisite, Child Development and Family Relationships 360 or equivalent. Mr. DALTON.

Th 2-4:30. Room G-60E.

Critical discussion of selected theoretical, clinical, and research literature in child development. Special emphasis will be placed upon the process of communication between a child and other members of his family.

431. *SPECIAL PARTICIPATION AND NURSERY SCHOOL PROBLEMS*. Fall and spring. Credit and hours to be arranged. Miss REEVES (Community Schools), Miss ——— (Campus Nursery School). For graduate students only.

Opportunity for graduate students to gain experience with children in the campus nursery school and to assist in nursery schools or cooperative play groups in the city or to pursue a special interest in some aspect of the nursery school program.

450. *SEMINAR—CHILD GUIDANCE*. Spring. Credit two hours. Prerequisite, some work in Child Development and Family Relationships. Mrs. WARING.

W 4-6. Room G-60E.

[461. *DYNAMICS OF FAMILY INTERACTION*. Fall. Credit three hours. *Not offered in 1952-53.*]

462. *FAMILY SYSTEMS AND THE SOCIAL STRUCTURE*. Spring. Credit three hours. Mr. DEVEREUX.

T Th 11-12:30. Room G-60E.

A sociological analysis of the structure and functioning of family systems, with particular reference to relationships with (a) the broader social structure of which they form a part, and (b) individual personality structure. Although the principal emphasis will be upon the modern American family, some use will be made of materials on other societies as well, to provide leverage for comparative structural analysis.

[463. *SEMINAR IN SELECTED PROBLEMS OF THE FAMILY*. Spring. Credit three hours. *Not offered in 1952-53.*]

[475. *FAMILY LIFE EDUCATION*. Spring. Credit three hours. *Not offered in 1952-53.*]

480. *PERSONAL COUNSELING*. Fall. Credit three hours. Open to graduate students. Limited to twelve students. Prerequisite, several courses in Child Development and Family Relationships and/or Psychology, and permission of the instructor. Mr. FELDMAN.

W 2-4:30. Room G-60E.

Counseling theories and techniques will be surveyed as they affect the psychological growth process. Both individual and group counseling will be considered.

HUMAN DEVELOPMENT. Throughout the year. Credit three hours a term. Messrs. BRONFENBRENNER and SINGER. See page 86.

ECONOMICS OF THE HOUSEHOLD AND HOUSEHOLD MANAGEMENT

HELEN CANON, *Head*; Mrs. ESTHER C. BRATTON, L. LEOLA COOPER, Mrs. DOROTHY W. COUSENS, ELLA M. CUSHMAN, RUTH E. DEACON, Mrs. MARY K. HEINER, DOROTHY KLITZKE, MABEL A. ROLLINS, ROSE E. STEIDL, JEAN WARREN, Mrs. LUCILLE J. WILLIAMSON.

The Department of Economics of the Household and Household Management attempts to clarify the scope and meaning of management in the home and to help students recognize and use intelligently the many resources available to them to accomplish their individual purposes. It aims also to help students understand the relation between general economic conditions and economic problems of individuals, and to help provide a background for intelligent civic action in furthering human well-being.

Courses in other colleges of the University that are related to the work in Economics of the Household and Household Management are in *Economics, Agricultural Economics, Government, Sociology, Agricultural Engineering, Industrial Engineering, Physiology, and Psychology*.

*128. **MANAGEMENT AND HOME PROCESSES.** Fall and spring. Credit three hours. For sophomores and juniors. Mrs. WILLIAMSON, Mrs. BRATTON, Mrs. ROBERTS, Misses FRAZIER, SYLVESTER, and ———.

Lecture, M W 10. Amphitheatre. Laboratory: fall, T Th 8-10, 11-1, 2-4, W F 8-10, 11-1, 2-4; spring, T Th 8-10, 11-1, 2-4, W F 8-10, 2-4. Room G-19.

Help in understanding and recognizing the procedure of management in the solution of problems for individuals and for families. Processes and equipment involved in care of the home, nature of the materials to be cleaned, and characteristics of the supplies used in cleaning or protecting these materials. The wide range of choice in method, equipment, cost, materials, and human effort to accomplish the ends desired under different circumstances. Comparison of certain home processes with commercial services in terms of cost, quality of product, and satisfaction obtained.

*130. **ECONOMIC CONDITIONS IN RELATION TO THE WELFARE OF FAMILIES.** Fall and spring. Credit three hours. Not open to first-term freshmen (graduate students should see Economics of the Household 430). Misses ROLLINS, WARREN, and ———.

M W F 11. Amphitheatre.

A course to help students understand the changes that have taken place in the economic welfare of families in this country and some of the factors related to these changes. Production and distribution as they relate to economic welfare, the national income as it relates to family incomes, the significance of price in our economic organization, the connection between outside economic conditions and personal financial problems.

260. **PROBLEMS IN PROVIDING CONSUMERS' GOODS.** Fall and spring. Credit three hours. Also open to graduate students. Prerequisite, Economics of the Household 130 or the equivalent. Miss ROLLINS.

Fall: T Th 2-3:30 and one additional hour at the convenience of the student. Spring: M W F 11. Room 121.

The contribution that can be made by an efficient marketing system toward a

high level of consumption for our people. Quantity, quality, and variety of supplies available in relation to the level of living of the families of the country and to management in their homes. Practices of consumers and of marketing agencies as they bear on costs. Problems in standardization of goods. The part that can be played by the government, business associations, and private agencies and organizations in improving marketing practices, and action that has been taken by these groups.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged individually. For students recommended by advisers and approved by the head of the department and the instructor in charge for independent advanced work on a problem not dealt with by other courses in the department or for special arrangement of course work necessitated because of previous training.

310. *MANAGEMENT PROBLEMS IN HOMES*. Fall and spring. Credit three hours. Prerequisite for undergraduates, Economics of the Household 128 or the equivalent. Child Development and Family Relationships 215 recommended to precede or parallel. For graduate students, the instructor's signature is required at preregistration. Miss CUSHMAN and ———.

M 3, W F 2-4:20. Room G-20. One additional hour for graduate students, M W 10 for the first five weeks, Amphitheatre, and thereafter M 10, Room G-20.

A study at firsthand of the ways in which different families manage to achieve their purposes with the resources available. Experience in homes in observing the procedure of management and in recognizing values and goals, resources, and decisions made. Cooperation with families in working out a solution to some of their management problems. One all-day tour, time to be arranged.

320. *MANAGEMENT IN RELATION TO HOUSEHOLD EQUIPMENT*. Spring. Credit three hours. For juniors, seniors, and graduate students. Agricultural Engineering 10 or the equivalent, and Economics of the Household 128 and 310 desirable as a background. Mrs. WILLIAMSON.

W F 11-1. Room G-19.

Selection, care, use, and repair of household equipment in relation to individual situations. Relative advantages of various types of equipment in performing certain tasks. Discussions with homemakers, manufacturers, distributors, and engineers. Trips to Ithaca homes where certain equipment is being used.

330. *MANAGEMENT IN RELATION TO PERSONAL FINANCES*. Spring. Credit three hours. For juniors, seniors, and graduate students. Prerequisite, Economics of the Household 130 or permission of the instructor. Miss WARREN.

M W F 9. Room 121.

The management procedure applied to individual and family problems involving finances. The influence of economic conditions, as well as personal circumstances, on one's financial situation. The effect of standards of living on the amount spent. Problems connected with estimating future expenditures. Considerations in developing a savings program and in purchasing insurance. The nature of investments in real estate, and in government and corporate securities. Advantages and disadvantages in the use of credit; variations among credit agencies. Problems in arranging for transfer of property to heirs. Various types of records helpful in managing.

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairman and approved by the head of the department and the instructor in charge for independent, advanced work.

407. *THESIS AND RESEARCH*. Fall and spring. Registration with permission of the instructor. Misses CANON, CUSHMAN, KLITZKE, ROLLINS, WARREN, Mrs. WILLIAMSON, Mrs. BRATTON, and Mrs. HEINER.

408. *WORK SIMPLIFICATION IN HOME ECONOMICS*. Spring. Credit two hours. Prerequisite, Economics of the Household 310 or permission of the instructor. Mrs. HEINER.

M 11-1. Room G-19.

Adaptation of work simplification techniques as developed in industry, for use in studies of activities in homes and in home economics laboratories. Development of techniques valid in terms of family living, applicable to different regions and types of homes, and economical to perform. Distinction between devices suitable for teaching and for research, including stop-watch studies, process charts, motion symbols, flow charts, and preparation and analysis of films. Work on individual problems.

[420. *HOME PROCESSES*. Fall. Credit two hours. The instructor should be consulted before registering. Miss ———.

T Th 10, S 10-12. Room G-19.

Study of the processes and equipment used in the care of the home, including ways of working that will reduce the effort required; laundry problems, including hard water and softening of water, detergents, other laundry supplies, methods and equipment for washing and ironing, commercial and self-service laundries; electricity and electrical equipment; nature of cleaning actions and equipment suitable for different soils and surfaces; controlling odors and correcting dryness or dampness. The course provides background information for home economics teachers, extension workers, and advisers in home management houses. Not offered in 1952-53.]

430. *ECONOMIC CONDITIONS IN RELATION TO THE WELFARE OF FAMILIES*. Fall and spring. Credit three hours. Graduate section of Economics of the Household 130. Misses ROLLINS and WARREN.

M W F 11 and one additional hour to be arranged. Amphitheatre. See description of Economics of the Household 130.

432. *PERSONAL FINANCES*. Fall. Credit two hours. Prerequisite, Economics of the Household 330 or the equivalent. The instructor should be consulted before registering. Miss WARREN.

F 2-4. Room 133.

Examination of the nature of personal financial problems and of adjustments in individuals' financial practices under changing conditions. The operation and regulation of financial institutions of importance in personal management. Analysis of teaching materials.

461. *PROBLEMS IN THE DISTRIBUTION OF CONSUMERS' GOODS*. Spring. Credit two hours. Prerequisite, Economics of the Household 260 or the equivalent. The instructor should be consulted before registering. Miss ROLLINS.

F 2-4. Room 121.

Analysis of some of the important problems in distribution. Practice in locating and using sources of data bearing on marketing problems. Discussion of contributions from research in marketing.

[490. *REVIEW OF RESEARCH IN HOME MANAGEMENT*. Fall. Credit two hours. Prerequisite or parallel, Economics of the Household 310. The instructor should be consulted before registering. Mrs. BRATTON.

Th 2-4. Room G-4.

Consideration of various concepts of management, and evaluation of methods and results of research. Not offered in 1952-53.]

495. *ECONOMIC PROBLEMS OF FAMILIES*. Spring. Credit two hours. The instructor should be consulted before registering. Miss CANON.

Th 2-4. Room 108.

Analysis of a few outstanding contributions to economic thought related to this field. Examination of methods of research.

499. *SEMINAR*. Fall and spring. For graduate students. Department staff.

T 4. Room 114.

FOOD AND NUTRITION

CATHERINE PERSONIUS, *Head*; ALICE BRIANT, MABEL DOREMUS, LOLA DUDGEON, MILDRED DUNN, ELIZABETH ELBERT, FAITH FENTON, GRACE FOSTER, HAZEL HAUCK, FRANCES JOHNSTON, ELIZABETH MASSETT, KATHERINE NEWMAN, DOROTHY PECK, MARION PFUND, ISOBEL SEARLS, LILLIAN SHABEN, BETTY STEELE, GRACE STEININGER, ELEANOR WILLIAMS, THERESE WOOD.

The Department of Food and Nutrition aims to help students gain an appreciation of the relation of food to health and to translate into wholesome practices in daily living the knowledge they gain. The principles of good nutrition are applied to the problems of food selection for family groups as well as for the individual. Laboratory practice in food preparation and in the planning, preparation, and service of attractive and nourishing meals is offered; also laboratory experiences that give some understanding of the scientific aspects of food preparation and of the aesthetic aspects of cookery. Students are encouraged to take advantage of opportunities for participation in food preparation in home situations in order to develop skill. Courses are given for students with a vocational interest in hospital dietetics and in commercial food work.

Many of the courses in other colleges of the University that are related to work in Food and Nutrition are included in the *Announcement of the School of Nutrition*.

100. *FOOD PREPARATION IN RELATION TO MEAL PLANNING*. Fall and spring. Credit three hours. Intended exclusively for students outside the College of Home Economics. Limited to eighteen students. Miss ———.

Lecture and laboratory, T Th 10-12:20. Room 352.

For students who are inexperienced in food preparation and who wish to serve simple, well-planned meals in their own homes.

*103. *ELEMENTARY FOOD AND NUTRITION*. Fall and spring. Credit five hours. Limited to eighteen students in a section. Misses STEININGER, WILLIAMS, and ———.

Lecture and discussion, M W F 8. Amphitheatre and Room 124.

*Laboratory**Fall*

M W 2-4, Room 352
 M W 2-4, Room 426
 T Th 11-1, Room 426
 T Th 2-4, Room 426
 W F 11-1, Room 426

Spring

M W 2-4, Room 426
 M W 2-4, Room 352
 T Th 11-1, Room 426
 T Th 2-4, Room 426

Selection of an adequate diet and its importance in achieving and maintaining optimum health. Consideration of some of the problems that may be involved in the feeding of individuals and family groups. Laboratory experience includes the preparation of various types of food and some opportunity for the planning, preparation, and serving of simple meals.

*104. *ELEMENTARY NUTRITION*. Fall and spring. Credit three hours. For transfer students only. Instructor's signature required at preregistration. Miss STEININGER.

M W F 8. Amphitheatre.

For transfer students who have had college work in food preparation but not in nutrition. The work covered is the same as that in Food and Nutrition 103, but the students are not required to attend the laboratories.

190. *NUTRITION AND HEALTH*. Spring. Credit two hours. Intended for students who have had no previous college course in human nutrition. Not to be elected by Students who take Food and Nutrition 103 or 104. Miss ———.

T Th 11. Room 339.

The relationship of food to the maintenance of health; its importance to the individual and society.

214. *CHEMISTRY AND ITS APPLICATION TO FOOD PREPARATION*. Fall. Credit five hours (1 hour, Food; 4 hours, Chemistry). Prerequisite or parallel, Food and Nutrition 103. Not to be elected by students who take Chemistry 101 or 105. Food and Nutrition 214 is designed to be the first of a two-course sequence, the second course of which is Food and Nutrition 215. Misses PFUND, PECK, ELBERT, and LUTZ.

Lecture and discussion, M W F 9. Amphitheatre and Rooms 339 and 121.

Laboratory

M W 2-4, Rooms 353 and 356
 T Th 8-10, Rooms 353 and 356
 T Th 8-10, Rooms 353 and 358
 T Th 11-1, Rooms 353 and 356
 T Th 2-4, Rooms 353 and 356
 T Th 2-4, Rooms 353 and 358

Fundamental principles and practices of food preparation approached through the study of general chemistry. Consideration of the physicochemical properties of gases, liquids, solids, and solutions; pH, titrations, buffer mixtures and hydrolysis; and fundamental chemical reactions. The influence of kind and proportion of ingredients and of methods of manipulation and cookery on the flavor and texture of such foods as baking-powder products, fruit-ice mixtures, and sugar mixtures. Beverages as solution. Subjective scoring of food products.

Laboratory practice in chemistry and comparative cookery includes experiments using simple chemical techniques and basic cookery processes. Emphasis on the application of scientific principles to the interpretation of observed results.

The course serves as a prerequisite for Food and Nutrition 215.

215. *CHEMISTRY AND ITS APPLICATION TO FOOD PREPARATION*. Spring. Credit five hours (3 hours, Food; 2 hours, Chemistry). Prerequisite, Food and Nutrition 214. This course is planned to follow Food and Nutrition 214 and should be taken the term after it. Misses PFUND, PECK, ELBERT, and LUTZ.

Lecture and discussion, M W F 9. Amphitheatre and Rooms 339 and 124.

Laboratory

M	W	2-4:20, Rooms 353 and 356
M	W	2-4:20, Rooms 353 and 358
T	Th	8-10:20, Rooms 353 and 356
T	Th	8-10:20, Rooms 353 and 358
T	Th	2-4:20, Rooms 353 and 356
T	Th	2-4:20, Rooms 353 and 358

Fundamental principles and practices of food preparation approached through the study of organic and colloidal chemistry. The influence of kind and proportion of ingredients and of methods of manipulation and cookery on the palatability and the nutritive value of baked products, such as cakes and yeast breads, of eggs, meats, and vegetables. Subjective scoring of food products; food storage and sanitation. Food preservation, especially canning, and the science underlying it. Students who have completed Food and Nutrition 214 and 215 should recognize culinary quality in cooked foods and the factors that contribute to quality. They should attain some skill in specific cookery techniques and should be able to apply this knowledge and skill critically in food preparation.

Course 215 serves as a prerequisite for Biochemistry 10, 11 and Chemistry 201, and 303 and 305.

225. *FOOD PREPARATION: PRINCIPLES AND COMPARATIVE METHODS*. Spring. Credit five hours. Not to be elected by students who have had Food and Nutrition 215. Limited to sixteen students. Prerequisite, Food and Nutrition 103, and prerequisite or parallel, organic chemistry. Misses PFUND and PECK.

Lecture M F 9. Amphitheatre. Discussion, W 9. Room 301. Laboratory T Th 10:30-1. Room 358.

Class will meet with Food and Nutrition 215 for lecture. Discussion period and laboratories will be independent of Food and Nutrition 215.

The application of science, particularly chemistry, to the solution of problems in food preparation; experiments in comparative cookery.

230. *NUTRITION*. Spring. Credit three hours. Prerequisites, elementary college courses in nutrition, biochemistry, and human physiology (for Home Economics students, Food and Nutrition 103, Human Physiology 303, Biochemistry 10; other students should see the instructor about equivalent preparation). Misses NEWMAN and ———.

Discussion, T Th 8. Room 339. Laboratory F 2-4 or S 9-11. Room 426.

Principles of nutrition as they relate to energy metabolism and weight control, hygiene of the digestive tract, proteins, minerals, and vitamins. Application of the principles of nutrition to needs of normal individuals. During and as a result of this course the student is expected to establish and maintain good nutrition practices.

240. *FOOD PREPARATION, ADVANCED COURSE*. Fall and spring. Credit three hours. Prerequisite, Food and Nutrition 215 or 225. Miss ———.

Lecture, F 2. Room 339. Laboratory, T Th 2-4:30 or M W 2-4:30. Room 361.

Planned for students interested in commercial food service and food promotion work. Study and preparation of some unusual foods and food products. Special

dishes prepared include canapés, entrees, planked foods, fancy breads, pastries, foreign cookery.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged.

For students recommended by the Counselor and approved by the head of the department and the instructor in charge for independent advanced work on a problem not dealt with by other courses in the department; or for special arrangement of course work necessitated because of previous training.

305. *FOOD DEMONSTRATIONS*. Fall and spring. Credit one hour. Limited to ten students. Prerequisite, Food and Nutrition 215 or 225. Committee approval required, see page 25. Mrs. FOSTER.

T Th 2:30-4. Room 352.

Emphasis on the purposes and techniques of demonstrations in relation to food preparation and nutrition, with application to teaching, extension, business, and social service.

306. *MEAL PLANNING AND PREPARATION*. Fall and spring. Credit three hours. Limited to eighteen students in a section. Prerequisite, Food and Nutrition 103. Mrs. FOSTER.

Lecture, T 9. Room 339. Laboratory, T Th or W F 11-1:20. Room 361.

This course includes the day-by-day problems of the homemaker in securing palatable and nutritious meals with the time, money, and energy at her disposal; it is built around the family table where so much of the culture and traditions of the parents are transmitted to the children; it includes the family's simple entertaining and an introduction to more elaborate service.

314. *SCIENCE IN FOOD PREPARATION*. Fall. Credit three hours. Prerequisite, Food and Nutrition 215 or 225 and Biochemistry 10. Committee approval required, see page 25. Miss PERSONIUS.

Lecture T Th 8. Room 339. Laboratory F 2-4. Room 358.

Study of scientific principles underlying modern theory and practice in the preparation of batters, doughs, starch-thickened products and in egg and milk cookery. The relation to food preparation of the physical and chemical properties of fats, proteins, starches and leavening agents; colloidal systems—gels, sols, foams, and emulsions. Laboratory studies of effect of varying ingredients, manipulation, and cooking conditions on quality of the product.

315. *SCIENCE IN FOOD PREPARATION. INTRODUCTORY EXPERIMENTAL COOKERY*. Spring. Credit three hours. Prerequisite, Food and Nutrition 314, or equivalent. Committee approval required, see page 25. Miss FENTON.

Lecture T Th 8. Room 426. Laboratory S 8-11. Room 358.

Continuation of Food and Nutrition 314 with emphasis on meat, fruit, vegetable and sugar cookery, and frozen desserts. The relation to food preparation of the physical and chemical properties of sugars, polysaccharides other than starch, and fruit and vegetable pigments and flavor constituents; properties of true solutions—solubility, boiling and freezing point, crystallization. Study of methods and techniques used in experimental work in food. About one-half of the semester will be devoted to independent work on a problem in food preparation.

330. *DIET THERAPY*. Fall. Credit three hours. Prerequisite, Food and Nutrition 230 or equivalent. Committee approval required, see page 25. Miss ———.

Lecture and discussion, M W F 9. Room 426.

Diet in diseases such as fever, gastrointestinal disturbances, and diabetes. Experience in independent use of journal literature in this field.

340. *MATERNAL AND CHILD NUTRITION*. Fall and spring. Credit two hours. Prerequisite, Food and Nutrition 103 or 190. Not open to students who take Food and Nutrition 230. Miss NEWMAN.

Lecture and discussion, W F 8. Room 339.

Family nutrition with special emphasis upon the nutritional needs of the mother and child. Relation of nutrition to physical growth and development.

360. *SEMINAR IN FOOD AND NUTRITION*. Fall. Credit one hour. Prerequisite, Food and Nutrition 215 or 225. Misses FENTON and NEWMAN.

Th 2. Room 301.

Study of historical and current literature.

400. *READINGS IN NUTRITION*. Fall. Offered in alternate years. Credit two hours. Instructor's signature required at preregistration. Misses STEININGER and NEWMAN.

T Th 9. Room 301.

Critical review of literature in the field of vitamin and mineral metabolism, with emphasis on the experimental data on which the principles of human nutrition are based.

[401. *READINGS IN NUTRITION*. Fall. Offered in alternate years. Credit two hours. Instructor's signature required at preregistration. Miss ———.

T Th 9. Room 301.

Critical review of literature relating to energy metabolism, proteins, fats, and carbohydrates, with emphasis on the experimental data on which the principles of human nutrition are based. *Not offered in 1952-53*]

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the department and the instructor in charge for independent, advanced work.

407. *THESIS AND RESEARCH*. Fall and spring. Credit and hours to be arranged. Registration with permission of the instructor. Misses BRIANT, FENTON, HAUCK (on leave), JOHNSTON, LONGREE, Mr. MAYNARD, Mr. McCAY, Misses PERSONIUS, PFUND, STEELE, STEININGER and YOUNG.

414. *ADVANCED EXPERIMENTAL COOKERY*. Fall. Credit three hours. Prerequisite, Food and Nutrition 315 or equivalent. Instructor's signature required at preregistration. Miss PFUND.

Laboratory T Th 10-1. Room 358.

A study of the objectives, methods, and results of food research. Objective and subjective experimental techniques used in measuring the quality of food. Independent laboratory work on problems in food preparation.

420. *ADVANCED SEMINAR IN NUTRITION*. Fall. Credit one hour. Miss JOHNSTON and department staff.

T 4:30. Room 301.

421. *ADVANCED SEMINAR IN FOOD*. Spring. Credit one hour. Miss PFUND and department staff.

T 4:30. Room 301.

440. *NUTRITION OF GROWTH AND DEVELOPMENT*. Spring. Credit two hours. Prerequisite, Food and Nutrition 230 or equivalent. Miss STEININGER.

T Th 11. Room 301.

Relation of nutrition to growth and development from the prenatal period to adulthood. A study of research literature.

Note: The attention of advanced and graduate students is called to the courses listed in the *Announcement of the School of Nutrition*. For other courses see the *Announcement of the School of Hotel Administration*.

HOMEMAKING APARTMENTS

CAROLYN H. CRAWFORD.

301. *HOMEMAKING APARTMENTS*. Fall and spring. Credit one hour. Open to juniors and seniors. Instructor's signature required at preregistration. Required of students planning to take Homemaking Apartments 302 and to be scheduled the semester preceding 302. Miss CRAWFORD.

Discussion period, M 12. Apartment B, Living Room. Four observations of one hour each to be arranged.

302. *HOMEMAKING APARTMENTS, RESIDENCE COURSE*. Fall and spring. Credit six hours. Offered twice each term in two blocks of seven weeks each. For juniors and seniors. Open to graduate students. Miss CRAWFORD.

Students preparing to teach are to schedule the course concurrently with Home Economics Education 331 (see page 71). Students preparing to go into extension work are to schedule the course concurrently with Home Economics Education 321 (see page 70). Prerequisites, Homemaking Apartments 301, and Food and Nutrition 260 or the equivalent. It is desirable that Food and Nutrition 340 precede this course.

A course which brings together into an integrated and functioning whole the various phases of homemaking. Students will obtain experience in the following areas of homemaking: the care and management of a home; planning, buying, preparing, and serving meals; entertaining; and caring for a young baby.

During the period of residence in the apartment, students are not charged for dormitory living. The cost of living in the apartment does not exceed cost of living in the dormitory.

[305. *HOMEMAKING APARTMENTS*. Fall and spring. Credit one hour. Open to juniors and seniors. Instructor's signature required at preregistration. Required of students planning to take Homemaking Apartments 306 and to be scheduled the semester preceding 306. Miss CRAWFORD. *Not offered in 1952-53.*]

[306. *HOMEMAKING APARTMENTS, RESIDENCE COURSE*. Fall and spring. Credit three or four hours. To be offered in two blocks of seven weeks each. For juniors and seniors. Open to graduate students. Registration limited to six students in each block. Students registering for the course may not carry more than twelve credit hours concurrently; more than ten not recommended. Miss CRAWFORD. *Not offered in 1952-53.*]

HOME ECONOMICS EDUCATION

MARGARET HUTCHINS, *Head*; SARA BLACKWELL, Mrs. ETHELWYN CORNELIUS, CAROLYN CRAWFORD, MARGARET ELLIOTT, Mrs. HELEN HOEFER, HELEN MOSER, IRENE PATTERSON.

The Department of Home Economics Education offers programs at both undergraduate and graduate levels. The undergraduate program contributes to the

preparation of students who wish to become agents in the Extension Service and teachers in the public schools. It gives them an opportunity to develop a philosophy of Home Economics Education, to acquire an understanding of the place of home economics in the total educational program of the community, and to develop some skill in teaching home economics either in the schools or in the Extension Service.

110. *HOMEMAKING EDUCATION AND THE COMMUNITY*. Fall. Credit one hour. Home Economics Education staff; Mrs. HOEFER, coordinator.

T 11 or Th 11. Room 124.

This course is offered to help the student who is planning to be a homemaker to understand the place in which she may serve in educational programs in her community. It will also give her a basis for understanding ways in which home economics serves all members of the family. It may help her in making a vocational choice.

Opportunity will be given to observe homemaking programs which are being conducted by the Extension Service, public schools, and other educational agencies.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For students recommended by advisers and approved by the head of the department and the instructor in charge for independent, advanced work not otherwise provided in the department, or for special arrangement of course work necessitated because of previous training.

320. *EXTENSION EDUCATION*. Fall and spring. Credit two hours. Open to juniors and seniors preparing for 4-H Club or Home Demonstration work. This course must precede Extension Education 321. Mrs. HOEFER.

Discussion period, F 2-4. Room 3M11.

Opportunity will be provided to observe extension and other community programs.

321. *EXTENSION EDUCATION*. Fall and spring. Credit eight hours. Mrs. HOEFER.

Supervised field experience for one half of the term in a selected county, and conference periods for one half of the term. Prerequisite, Extension Education 320. During this term students will take Homemaking Apartments 302. Students live in the Homemaking Apartments for seven weeks and in the county in which they are doing extension work for seven weeks.

Students are assigned to cooperating counties where opportunity is provided to work with the county extension staff and to gain experience in 4-H Club and/or Home Demonstration work. A member of the college staff supervises this field experience. Students observe, assist, and participate in the program of the county extension groups. They should gain experience in teaching 4-H Club and/or Home Demonstration groups, in office management, radio, newswriting, working with other county agencies, and other of the usual activities of an extension agent.

330-331. *THE ART OF TEACHING*. To be taken in two successive terms. Open to juniors and seniors preparing to teach home economics in the public schools. Miss MOSER, coordinator, assisted by Misses PATTERSON, CRAWFORD, ELLIOTT, Mrs. CORNELIUS, and cooperating teachers.

Student teachers have an opportunity to study the community and the place of home economics in the total educational program of the community. They observe and participate in community activities, in the total school program, and in the home economics program.

330. Fall and spring. Credit two hours. This course must precede Home Economics Education 331.

Discussion period, T Th 8. Room 3M11. Field work one half-day a week.

Students visit schools for the purpose of studying homemaking programs.

331. Fall and spring. Credit eight hours. Directed teaching for one-half of the term and general conferences throughout the term. Hours to be arranged. Room 3M11. This course is a continuation of Home Economics Education 330. During this term the student registers for only one other course, Homemaking Apartments 302. Students live in the Homemaking Apartments for one-half of the term and in the communities in which they teach for the other half of the term.

Student teachers are assigned to cooperating schools within a reasonable distance of Ithaca. They live in the communities and work under the guidance of the local homemaking teachers and under the supervision of the Home Economics Education staff.

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the department and the instructor in charge for independent, advanced work.

407. *THESIS AND RESEARCH*. Fall and spring. Credit and hours to be arranged. Registration with permission of the chairman of the graduate committee and the instructor. Misses HUTCHINS, PATTERSON, BLACKWELL, CRAWFORD, MOSER, and Mrs. HOEFER.

437. *ADULT EDUCATION*. Fall. Credit two or three hours. Miss PATTERSON.

M 4 and one hour to be arranged. Room 124.

Planned for administrators, supervisors, extension agents, and teachers. Attention is focused on finding educational needs, planning programs and learning experiences for adults. Leadership, promotion, philosophy, and evaluation in adult education. Opportunity is provided for participation in adult education activities. Time must be planned for observation. Estimated cost of transportation, \$3 to \$5.

[438. *TEACHING HOMEMAKING TO ADULTS*. Fall and spring. Credit two or three hours. Miss PATTERSON. *Not offered in 1952-53.*]

[439. *THE TEACHING OF HOME ECONOMICS*. Credit three hours. Miss PATTERSON. *Not offered in 1952-53.*]

449. *CURRICULUM PLANNING IN HOME ECONOMICS*. Fall. Credit two or three hours. Miss BLACKWELL.

W F 11 and an additional hour to be arranged for students registered for three credits. Room 301.

Concerned with principles of curriculum development and their application in planning homemaking programs at secondary and college levels. Field work required. Estimated cost of transportation, \$2.

459. *EVALUATION*. Spring. Credit three hours. Miss BLACKWELL.

M 4-6. Room 301.

For teachers, extension agents, and research workers who are concerned with methods of evaluating education programs and of appraising individual achievement. Opportunities for constructing, using, and evaluating instruments of appraisal.

[479. *RESEARCH IN HOME ECONOMICS EDUCATION*. Credit two hours. Not offered in 1952-53.]

480. *SEMINAR IN HOME ECONOMICS EDUCATION*. Fall and spring. No credit. Department staff.

T 4. Room 3M11.

485. *SUPERVISION OF THE RESIDENCE EXPERIENCE IN HOME-MAKING*. Spring. Credit two hours. Instructor's signature required at preregistration. Miss CRAWFORD.

T 9-11. Apartment B.

This course is planned for Home Management house advisers and others preparing for this type of teaching. Attention is focused on organization, supervision, and methods of teaching a residence course.

490. *TEACHING HOME ECONOMICS IN HIGHER EDUCATION*. Spring Term. Credit two hours. Miss PATTERSON.

T Th 10. Room 3M11.

This course deals with: (a) the contributions of Home Economics at the college level; (b) the educative values of group processes; (c) factors affecting student learning; (d) the choice of teaching procedures and materials for college teaching.

HOME ECONOMICS JOURNALISM

WILLIAM B. WARD, *Head*; Mrs. MARION K. STOCKER.

315. *HOME ECONOMICS JOURNALISM*. (See also Journalism 315 in the *Announcement of the College of Agriculture*.) Fall. Credit three hours. Open to juniors and seniors; juniors to receive preference in case of overregistration. This course will count as an elective. It may not be counted as part of the 40 hours of Home Economics required for graduation. (See page 54). Not to be taken by students who have had Journalism 15. Mrs. STOCKER.

M W F 10. Room 3M11.

A course to help students write clear, factual material on home economics subject matter which would be suitable for publication in newspapers, magazines, educational periodicals, and other media.

Practice and criticism in news and feature writing. Experience in planning and posing photographs and in editing copy. Brief survey and limited experience in other fields where journalistic techniques are used, such as radio and television, advertising, writing of leaflets and bulletins.

HOUSING AND DESIGN

VIRGINIA TRUE, *Head*; GLENN H. BEYER, HELEN J. CADY, JOSEPH CARREIRO, Mrs. RUTH B. COMSTOCK, CATHARINE U. EICHELBERGER, Mrs. DORA W. ERWAY, BARBARA J. KENRICK, RUBY M. LOPER, JAMES E. MONTGOMERY, SARAH E. NEBLETT, CLARA STRAIGHT, GENA THAMES, MABEL WILKERSON.

The Department of Housing and Design offers students, through creative experiment, guided study, and observation, an opportunity to develop understanding and an appreciation of their daily environment. The primary objective is to provide opportunity for increasing their ability to make the house, with its surroundings and furnishings, both a background and a means for achieving a successful degree of individual and family living.

Undergraduate and graduate programs provide study of the needs and resources of the family to be housed in terms of the house, its environmental setting, and its interior development. The technical and aesthetic principles of good design are emphasized, as well as the development and well-being of the individual and family.

Undergraduates wishing a strong background in this area should take courses which include one or more from each phase of the work in the department, namely, design, interior design, housing. Electives from other departments of the college and other divisions of the University should be in related subjects, such as *Child Development and Family Relationships*, *Economics of the Household and Household Management*, *Architecture*, *Fine Arts*, *Sociology*, *Psychology*.

Graduate work is offered for the M.S. degree and the Ph.D. degree with major in the field of Housing and Design. (See the *Announcement of the Graduate School*.)

*100. *COLOR AND DESIGN*. Fall and spring. Credit three hours. Limited to fifteen students in a section. Miss CADY, Mr. CARREIRO, Mrs. ERWAY, Miss STRAIGHT.

FALL

<i>Lecture</i>	<i>Laboratory</i>
F 9, Room 317.....	M W 8-10, Room 322
F 9, Room 317.....	T Th 11-1, Room 322
F 9, Room 317.....	T Th 2-4, Room 322
F 11, Room 317.....	M W 10-12, Room 318
F 11, Room 317.....	T Th 11-1, Room 318
M 11, Room 317.....	W F 11-1, Room 401A

SPRING

<i>Lecture</i>	<i>Laboratory</i>
F 2, Room 317.....	M W 2-4, Room 322
F 2, Room 317.....	T Th 11-1, Room 322
F 10, Room 317.....	M W 9-11, Room 318
F 10, Room 317.....	T Th 2-4, Room 318
F 9, Room 317.....	M W 8-10, Room 327
M 11, Room 317.....	W F 11-1, Room 401A

A study of the basic principles of color and design through laboratory experiment, lectures, reading, and art gallery observations.

Through this study an opportunity is given for the student to develop, through creative experiments and guided observations, a greater understanding and appreciation of daily environment, and to increase ability to solve design problems involving choice and arrangement. Minimum cost of materials, \$7.

130. *HOTEL FURNISHING AND DECORATING*. Spring. Credit two hours. For students in Hotel Administration. Advised for juniors and seniors. (For description, see *Announcement of the School of Hotel Administration*.)

200. *ADVANCED COLOR AND DESIGN*. Fall. Credit two hours. Prerequisite, Housing and Design 100 or equivalent. Limited to fifteen students. Miss STRAIGHT.

M W 11-1. Room 322.

This course is concerned with design of a more complex nature and broader scope than Housing and Design 100. Color, organic form, textures, and composition in both two- and three-dimensional design are emphasized.

Laboratory problems give the students opportunity to experiment with design in a variety of media and techniques. Use of new materials and techniques is encouraged.

210. *HANDICRAFTS STUDIO*. Fall. Credit two hours. Prerequisite, Housing and Design 100; 211 must precede or parallel this course. Mrs. ERWAY.

M W 2-4. Room 318.

A course to develop creative expression through experimentation with various materials and processes such as bookbinding, both for new books and in repair of old books, block printing, weaving, stitchery, and other crafts. Helpful to students interested in occupational therapy, camp work, teaching, and homemaking. Minimum cost of materials, \$7.

211. *HANDICRAFTS AROUND THE WORLD*. Fall. Credit one hour. Prerequisite, Housing and Design 100. Mrs. ERWAY.

F 2. Room 317.

A lecture course on the development of handicrafts from prehistoric times to the present, showing how creative expression has developed through the civilizations, and its effect on contemporary industry.

*220. *INTERIOR DESIGN*. Fall and spring. Credit three hours. (Four hours outside work in laboratory required.) For sophomores and upperclassmen. Prerequisite, Housing and Design 100. Limited to fifteen students in each section. Miss CADY, Mr. CARREIRO, and Miss WILKERSON.

FALL

<i>Lecture</i>	<i>Laboratory</i>
W 9, Room 317.....	M F 8-10, Room 401A
W 9, Room 317.....	T Th 11-1, Room 401A
W 9, Room 317.....	T Th 2-4, Room 401A
M 2, Room 317.....	W F 2-4, Room 327
M 2, Room 317.....	T Th 2-4, Room 327
W 11, Room 317.....	M F 11-1, Room 408

SPRING

<i>Lecture</i>	<i>Laboratory</i>
W 9, Room 317.....	M F 8-10, Room 401A
W 9, Room 317.....	T Th 11-1, Room 401A
W 9, Room 317.....	T Th 2-4, Room 401A
M 2, Room 317.....	W F 2-4, Room 327
M 2, Room 317.....	T Th 11-1, Room 327
W 11, Room 317.....	M F 11-1, Room 408

Analysis of the furnishings needs of the family. Analysis of architectural features of rooms as a basis for development of furnishing for family living. Special emphasis on furniture choice; construction, functional and aesthetic qualities; adaptation of color to interior design; selection of fabrics; lighting. Arrangement of furnishings in selected rooms for functional use and for design quality.

235. *INTERIOR DESIGN FOR LIMITED SPACE AND BUDGET*. Fall and spring. Credit three hours. (Four hours outside work in laboratory required.) Limited to fifteen students in each section. Prerequisites, Housing and Design 100 and 220. Miss NEBLETT.

Students anticipate furnishing problems of the young couple faced with limited space and budget. Practice in furniture arrangement, selection, restoration and re-

pair, remodeling, refinishing and constructing simple carpentry pieces of furniture and accessories; setting up actual rooms in the laboratory. Cost of materials, \$10 minimum.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For students recommended by advisers and approved by the head of the department and the instructor in charge for independent, advanced work on a problem not dealt with by other courses in the department, or for special arrangement of course work necessitated because of previous training.

305. *FASHION ILLUSTRATION*. Spring. Credit three hours. Prerequisites, Housing and Design 100 and Architecture 340, or equivalent. Clothing courses desirable. Miss STRAIGHT.

M W 8-11. Room 322.

Introductory course for the fashion illustrator. Practice with layouts for fashion advertisements, exploration of varied techniques and media including reproduction processes in newspaper and magazine fashion illustration, fashion figures. Minimum cost of materials, \$7.

311. *APPLIED TEXTILE DESIGN*. Spring. Credit two hours. Limited to nine students. Prerequisite, Housing and Design 220. Mrs. ERWAY.

T Th 11-1. Room 318.

Laboratory experiments in color and design applied to textile printing on fabrics which harmonize for a given room. A creative weaving project which could be used in the same room. Experimenting on various materials giving an opportunity to develop an appreciation of textiles and their appropriate use.

319. *CONTEMPORARY DESIGNERS*. Spring. Credit two hours. Prerequisite, Housing and Design 100. Miss TRUE.

T Th 8. Room 317.

A lecture-discussion course dealing with current developments in the field of design; trends in design as represented by the work of a selected group of designers in various areas; activities of art organizations such as museums, galleries, and associations.

320. *HISTORIC FURNITURE AND INTERIOR DESIGN*. Fall. Credit two hours. Prerequisite, Housing and Design 220. Miss WILKERSON.

T Th 12. Room 317.

Development of furniture styles and interior designs through the major historic periods, showing recurrence of structural forms adapted and modified, and reflecting economic, political, and social aspects of the periods.

325. *INTERIOR DESIGN—EMPHASIS ON DESIGN OF BACKGROUND OF ROOMS AND FURNITURE*. Fall. Credit three hours. (Four hours outside work in laboratory required.) Prerequisite, Housing and Design 220; Housing and Design 320 recommended. Limited to fifteen students. Miss CADY.

M W F 9-11. Room 327.

This course furthers basic training given in Housing and Design 220, developing the room in accordance with architectural design and use. Design sketches and working drawings are made for built-in furniture and storage units. Problems in the selection of form and scale; color; fabrics; corrective design. Evaluation of design quality in furnishings.

339. *SEMINAR IN INTERIOR DESIGN*. Spring. Credit one hour. For upper-classmen and graduate students. Miss WILKERSON and department staff.

Hours to be arranged.

347. *CHOOSING THE HOUSE AND THE NEIGHBORHOOD*. Spring. Credit three hours. Open to sophomores. Mr. MONTGOMERY.

M W F 9. Room 3M11.

Examination of major issues involved in acquiring a house; (1) guides to securing shelter—whether to own or rent, and how to select a house and a neighborhood; (2) understanding the roles and practices of those concerned with providing housing.

348. *SOCIAL ASPECTS OF HOUSING*. Fall. Credit three hours. Prerequisites, Housing and Design 347, or equivalent. Mr. MONTGOMERY.

M W F 11. Room 3M11.

Consideration of: (1) the effects of physical and cultural factors upon housing; (2) the impact of housing upon personality and family life.

349. *HOUSING VALUES: A SOCIO-PSYCHOLOGICAL APPROACH*. Spring. Credit three hours. Prerequisite, Housing and Design 347. Mr. MONTGOMERY.

M W F 11. Room 3M11.

Analysis of major housing values of consumers. Values are examined in relation to: family-life cycle, education, housing experience, socio-economic status, geographic area, and orientation of those who provide housing.

400. *SEMINAR IN CURRENT HOUSING PROBLEMS*. Spring. Credit three hours. Registration by permission of the instructor, based upon student's training, experience, and interest. Instructor's signature required at preregistration. Mr. BEYER.

M 4-6. Room 3M11.

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the department and the instructor in charge for independent, advanced work.

407. *THESIS AND RESEARCH*. Fall and spring. Registration with permission of the instructor. Mr. BEYER, Miss CADY, Mrs. ERWAY, Mr. MONTGOMERY, Misses NEBLETT, TRUE, and WILKERSON.

410. *RESEARCH METHODS IN HOUSING AND DESIGN*. Fall. Credit one hour. Required of Housing and Design majors and recommended to graduate minors in the department. Mr. MONTGOMERY.

T 2. Room 3M11.

425. *INTERIOR DESIGN: THEORY AND PRACTICE*. Spring. Credit three hours. Prerequisite, Housing and Design 220, 325 and/or 235. Miss NEBLETT.

W F 1:40-4:30. Room 401B.

Advanced problems in design and techniques integrated toward a class problem in the complete development of a room. Examination of sources for furnishing information and materials.

446. *HOUSING IN THE UNITED STATES: MAJOR DETERMINANTS*. Fall. Credit three hours. Instructor's signature required at preregistration. Mr. MONTGOMERY.

M W F 9. Room 3M11.

This course is designed to acquaint students with the general nature of housing and housing needs. Major topics include: (1) historical factors affecting housing

in the United States; (2) how the nation is housed at present; (3) basic housing needs of the contemporary family; (4) private and public housing activities.

INSTITUTION MANAGEMENT

KATHARINE HARRIS, *Head*; ALICE BURGOIN, AGNES CARLSON, KATHLEEN CUTLAR, MARIE KNICKREHM, KARLA LONGREE, AIMEE MOORE, DOROTHY PROUD, HELEN RIPLEY.

The Department of Institution Management offers to the student orientation and training in food administration. Practice is provided in situations where large numbers of persons are served. The students participate in preparing and serving food in the cafeteria and Green Room, where approximately 2000 patrons are fed each day. The content of courses includes organization and administration procedures, the selection, care, preparation, and service of food in quantity, menu planning, accounting and food control, kitchen planning and the selection and care of institution equipment and furnishings.

Courses in other colleges of the University that are related to the work in Institution Management are in *Personnel Administration*; *Personnel Problems in Supervision*; *Human Relationships*; *Meat and Meat Products*; *Food Economics*; *Bacteriology*.

Summer Practice Requirement. Students preparing for positions in the field of Institution Management are expected to meet a summer practice requirement (see page 26).

100. INSTITUTION FOOD SERVICE. Fall and spring. Credit three hours. May be elected by any undergraduate. Required of students specializing in institution management or dietetics. The term is divided into two blocks: fall term, two sections in each block; spring term, one section in each block. One hour of lecture runs throughout the term for the entire group registered in the course. Misses RIPLEY and PYNE.

Lecture running throughout the term, F 2. Amphitheatre.

Laboratory discussion running for the duration of the block, M 2. Fall term, Room 124; spring term, Room 339.

Practice laboratory, *fall*, section I, M W F 11-1:30; section II, T Th S 11-1:30; *spring*, one section only, T Th S 11-1:30. Cafeteria. In addition, one catering assignment by arrangement.

Fall: first block, September 24 through November 15; second block, November 17 through January 26.

Spring: first block, February 9 through April 7; second block, April 8 through May 30.

White uniform, hose, and hair net must be worn for all laboratories including the first one scheduled.

Practical experience in serving and meeting the public is provided in the Home Economics tea room and cafeteria, where approximately 2000 persons are served daily. The course includes analysis of vocational opportunities in the field of institution management; study of various types of food service enterprises, with special emphasis on menu variations, mechanics of service, the general physical set-up, and efficiency of personnel.

200. QUANTITY FOOD PREPARATION, ELEMENTARY COURSE FOR HOTEL STUDENTS. Credit three hours. For students in Hotel Administration. Prerequisite, Food and Nutrition 120 or equivalent experience. Misses CUTLAR and KNICKREHM. (For description, see *Announcement of the School of Hotel Administration*.)

210. *QUANTITY FOOD PREPARATION: PRINCIPLES AND METHODS.* Credit four hours. For students in Hotel Administration. Prerequisite, Food and Nutrition 120 or equivalent experience. Miss CUTLAR. (For description, see *Announcement of the School of Hotel Administration.*)

220. *FOOD SELECTION AND PURCHASE FOR THE INSTITUTION.* Fall and spring. Credit three hours. Preferably taken in the junior year. May be taken in the sophomore year on the recommendation of the Class Counselor. Advised for all students specializing in institution management or dietetics; others may be admitted by permission of the instructor. Should parallel Institution Management 230. Animal Husbandry 92 is suggested to precede or parallel this course. Misses HARRIS and MOORE.

Lectures and discussion, T 9, Th 9-11. Room G-62.

A discussion of sources, standards of quality, grades, bases of selection, methods of purchase, care, and storage of various classes of food. A one-day trip to Elmira, Syracuse, or Rochester markets will be included. Estimated cost of trip, \$4.

230. *QUANTITY FOOD PREPARATION: PRINCIPLES AND METHODS.* Fall and spring. Credit five hours. Should be taken in the junior year. May be taken in the sophomore year on the recommendation of the Class Counselor. Advised for all students specializing in institution management or dietetics; others by permission of the instructor. Prerequisites, Institution Management 100 or equivalent experience, Food and Nutrition 215 or 225. Should parallel Institution Management 220. Miss MOORE.

Discussion, M 9. Room G-62. Practice, W F 8-1:30. Room G-62 and Cafeteria.

White uniforms, hose, and hair nets are required, beginning with the first laboratory scheduled.

A major course in institution management, with emphasis given to quantity cooking in the cafeteria kitchen; observation of management and personnel problems; use, operation, and maintenance of equipment; and menu planning. The student is expected to apply what has been taught in prerequisite or parallel courses, including basic principles and procedures of food preparation, food chemistry, marketing, and nutrition. Student ability for professional work in food administration is evaluated.

TEA ROOM AND CAFETERIA ACCOUNTING. (*Hotel Accounting 240.*) Fall and spring. Credit three hours. Recommended for the sophomore or junior year. Mr. COURTNEY and assistants.

Lecture, T 10; practice, T Th 2-4:20. Statler Hall.

An elementary course in simple accounting, using as illustrative material the accounting records of the cafeteria and the tea room. Cash and credit transactions, checkbook and deposit records, journal and ledger entries are studied, as well as trial balances, profit and loss statements, and balance sheets.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS.* Fall and spring. Credit and hours to be arranged.

For students recommended by the Counselor and approved by the head of the department, and the instructor in charge, for independent, advanced work on a problem not dealt with by other courses in the department, or for special arrangement of course work necessitated because of previous training.

305. *SPECIAL PROBLEMS IN EXPERIMENTAL QUANTITY COOKERY.* Fall and spring. Credit and hours to be arranged. Prerequisites, Food and Nutrition 215 or 225 and Institution Management 230, or equivalent courses. Instructor's signature required for preregistration. Miss LONGREE.

Selected problems are offered for special study and experimentation. All projects deal with problems peculiar to foods prepared in quantity.

310. *CATERING*. Fall and spring. Credit three hours. Open to seniors specializing in Institution Management or Hotel Administration; to graduate students by permission of the instructor. Advised for all students interested in commercial food service or food promotion. Prerequisite, Institution Management 200, 210, 230, or equivalent experience. Special catering assignments require 15 to 20 hours in addition to the scheduled laboratories. Miss ———.

Laboratory, fall term T or Th 8:30-2 or W 2-7:30; spring term T or Th 8:30-2. Discussion, S 9. Green Room. Conference hours by appointment.

White uniforms, hose, and hair nets are required for the women, chef's uniforms with caps for the men, beginning with the first laboratory scheduled.

Practice in organizing work, making menus, calculating costs, preparing and serving food for dinners and other catering projects as assigned.

320. *INSTITUTION ORGANIZATION AND ADMINISTRATION*. Spring. Credit three hours. Primarily for seniors. Advised for all students specializing in institution management or dietetics. Prerequisites, Institution Management 230 and Accounting 240. Hotel Administration 119 or Industrial and Labor Relations 461, and Textiles and Clothing 310 are recommended. Registration with permission, see page 25. Miss HARRIS.

M 2-4, F 2-3. Room 124.

Analysis and interpretation of major administrative problems such as the operational plan of a food service organization, policies underlying the plan, financial management, some phases of employment management, planning of efficient kitchens, and selection of equipment. A one- or two-day trip to Syracuse or Rochester to visit various types of institutions will be included. Estimated cost of trip, \$6 to \$12.

330. *QUANTITY FOOD PREPARATION AND CATERING, ADVANCED COURSE*. Fall and spring. Credit five hours. Open to seniors majoring in Institution Management or Hotel Administration, and to graduate students who have obtained the approval of the instructor before registering. Prerequisite, Institution Management 200, 210, or 230. Special catering assignments require 25 to 30 hours in addition to the scheduled laboratories. Miss RIPLEY.

Laboratory, T Th 8:30-2. Discussion, S 9. Green Room. Conference hours by appointment.

White uniforms, hose, and hair nets are required for the women, chef's uniforms with caps for the men, beginning with the first laboratory scheduled.

Practice in organizing work, requisitioning food supplies, making menus, calculating costs, supervising service, and preparing food for luncheons and dinners and other catering projects as assigned.

350. *INSTITUTION PRACTICE*. Fall and spring. Credit three hours. Open to a limited number of seniors and graduate students majoring in Institution Management, with the permission of the instructor. Practice assignments require approximately 10 hours a week for the full semester. Conference hour to be arranged. Students will meet with the instructor the first day of the term, 4-5, G-64. Miss HARRIS.

Practice work in one of the food service units on the campus, in the commissary, or at the Memorial Hospital. Students will be assigned specific jobs in the unit and rotated to the extent that this is possible without jeopardizing the flow of work. Students will receive meals when on the job, or an equivalent cash wage.

400. *READINGS IN INSTITUTION MANAGEMENT*. Spring. Offered in alternate years. Credit one hour. Registration with the permission of the instructor. Hours to be arranged. Miss HARRIS.

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairmen and approved by the head of the department and the instructor in charge for independent, advanced work.

407. *THESIS AND RESEARCH*. Fall and spring. For graduate students with training and experience satisfactory to the instructor. Hours to be arranged. Misses HARRIS, LONGREE, and RIPLEY.

Individual research in the area in which the student is particularly interested or in a study already set up in the department. Food-control procedure, job analyses, motion and time studies, experimentation, development of standardized procedures in quantity food preparation with emphasis on palatability and vitamin retention, and determination of factors underlying efficient kitchen planning are suggestive of the field in which there is vital need for research.

410. *SEMINAR IN INSTITUTION ORGANIZATION AND ADMINISTRATION PROBLEMS*. Spring. Offered in alternate years. Credit one hour. By arrangement. For graduate students with adequate training in institution management. Misses HARRIS, LONGREE, and department staff.

420. *FOOD PURCHASING*. Fall. Credit three hours. Graduate section of Institution Management 220. Instructor's signature required for preregistration. Misses HARRIS, BURGOIN, and MOORE.

Lecture, discussion, and laboratory T 9, Th 9-11, and one additional hour to be arranged. Room G-62. (See description of Institution Management 220.)

425. *FOOD SERVICE PROBLEMS*. Spring. Credit two hours. Students will attend designated lectures and field trips in Institution Management 320. Instructor's signature required for preregistration. Miss HARRIS and staff.

Lectures and discussions M 2-4, F 2. Room 124. One additional hour to be arranged.

Study of selected problems of food service organization and administration with particular emphasis on kitchen planning and kitchen equipment.

TEXTILES AND CLOTHING

Mrs. HELEN POWELL SMITH, *Acting Head*; ELEANORE ADAM, Mrs. GLADYS L. BUTT, VILMA GOLDE, MARGARET HUMPHREY, Mrs. ANITA M. LEAR, Mrs. ELSIE F. McMURRY, JANET C. REED, Mrs. MARY S. RYAN, RUTH J. SCOTT, ORA K. SINGLETON, JANE WERDEN, VIVIAN WHITE, FRANCES E. YOUNG.

The Department of Textiles and Clothing aims to help students to study clothing from the standpoints of health, comfort, and economy, to understand the contribution which clothing makes to social and professional success, to enjoy clothes as an expression of beauty, and to use them for creative self-expression.

The field of Textiles and Clothing naturally divides into scientific and art phases. It opens many possibilities to those students who wish to use clothing in a general and aesthetic sense for their personal and family development, to those who have a well-defined vocational aim, and to those who anticipate advanced study.

Courses in other colleges of the University related to the work in Textiles and Clothing are in *Marketing, Prices and Statistics, Industrial and Labor Relations, Bacteriology, Chemistry, Chemical Microscopy, Dramatic Production, Drawing, the Fine Arts, Aesthetics, Public Speaking, and Journalism*.

*101. *CLOTHING: SELECTION, PURCHASE, CARE.* Fall and spring. Credit three hours. Each section limited to twenty students. Mrs. BUTT and Miss ADAM.

Fall: Lecture, F 10. Amphitheatre. Laboratories, M W 11-1 or 2-4 and T Th 8-10, 11-1 or 2-4. Room 213.

Spring: Lecture, F 10. Amphitheatre. Laboratories, M W 11-1 or 2-4, T Th 11-1. Room 213.

A course designed to introduce students to some family clothing problems and to help them develop an appreciation of the factors that contribute to a satisfactory appearance. The laboratory work will consist of discussions and practice in the selection of dress designs, fabrics, and colors for individuals; problems in caring for the wardrobe; personal grooming; buying of clothes; and in the selection and use of source material. Estimated cost of materials, \$3 to \$5.

105. *CLOTHING SELECTION AND CONSTRUCTION.* Spring. Credit two hours. Intended exclusively for students outside the College of Home Economics. Limited to eighteen students. Miss WHITE.

M W 2-4. Room 234.

For students who wish experience in the selection of dress materials and of designs suitable for their own needs and in methods in the construction of garments. Materials provided by the student. Estimated cost of materials, \$10 to \$20.

[120. *GROOMING AND PERSONAL APPEARANCE.* Spring. Credit two hours. Open to all students who have not taken Textiles and Clothing 101 or its equivalent. Mrs. BUTT.

For students interested in the factors that contribute to a satisfactory appearance. Evaluation and application of subject matter in the field of grooming. Renovation and care of wearing apparel. Estimated cost of materials, \$3. *Not offered in 1952-53.*]

130. *TEXTILES: CLOTHING FABRICS.* Fall and spring. Credit two hours. Each section limited to twenty students. Miss WHITE.

Fall: M W 2-4, or T Th 2-4, Room 278.

Spring: T Th 2-4, Room 278.

A study of textile fibers and their identification through simple laboratory tests; technical information and laboratory practice to develop good buying habits and to encourage proper use and care of fabrics and clothing; consideration of some of the factors involved in the production and consumption of textiles; the study of clothing fabrics in the present-day market as a means of developing aesthetic appreciation of quality and design. Estimated cost of materials, \$3.

140. *HOTEL TEXTILES.* Fall. Credit two hours. For sophomore, junior, and senior students in the School of Hotel Administration. Miss WERDEN. (For description, see *Announcement of the School of Hotel Administration.*)

150. *MEN'S WEAR: SELECTION, PURCHASE, CARE.* Spring. Credit two hours. Open to all men registered in the University. Miss HUMPHREY.

T Th 2-4. Room 234, Martha Van Rensselaer Hall.

A course in judging and selecting ready-to-wear garments from the standpoint of quality in fabrics; selection of clothes and accessories for suitability to individual needs. Care of clothes will include experience in cleaning and pressing of suits, coats, and accessories. Emphasis in this course will be determined by the interests and needs of the students. Estimated cost of materials, \$3 to \$5.

201. *CLOTHING SELECTION AND CONSTRUCTION.* Fall and spring. Credit three hours. Prerequisite, Textiles and Clothing 101. Each section limited

to twenty students. Misses SCOTT, HUMPHREY, SINGLETON, ADAM, and Mrs. BUTT.

Fall

M W F 11-1, Room 215
M W F 11-1, Room 217
M W 2-4:40, Room 217
M W 2-4:40, Room 234

Spring

M W F 11-1, Room 217
M W 2-4:40, Room 217
T Th 8-11, Room 215

A course concerned with the selection of dress materials, designs suitable for each student, and methods of construction. Students make two or more garments using commercial patterns after conference with the instructor to determine the type of experience needed.

Materials are provided by the student. Estimated cost of materials, \$15 to \$25.

[205. *CLOTHING OF THE FAMILY*. Fall and spring. Credit two hours. Primarily for upperclass students interested in child development and family relationships, teaching, and social work. Laboratory and field practice. Miss ———.

T Th 2-4. Room 234.

A course to help students gain further experience in dealing with clothing problems of families, with special emphasis on the changing needs of growing children. There is opportunity for planning of special projects to meet the individual student's needs; for participating in group work such as the Clothing Clinic for homemakers; for cooperating on a study of clothing requirements of preschool children; for contacting homemakers through individual interviews and group discussions; for developing more skill in selection, construction, remodeling, and repair of clothing. *Not offered in 1952-53.*]

210. *DRESS DESIGN AND SELECTION*. Fall and spring. Credit two hours. Prerequisite, Textiles and Clothing 201. Especially valuable for students intending to teach. May be elected by students from other colleges in the University with experience acceptable to the instructor or by those who have taken Textiles and Clothing 105 and are recommended by their instructor. Each section is limited to sixteen students. Mrs. McMURRY and Miss ADAM.

Fall

W F 9-11, Room 216
M W 2-4, Room 216
T Th 9-11, Room 216

Spring

M W 2-4, Room 216
T Th 9-11, Room 216

Opportunity is offered for creative experiences in dress selection to help develop (1) appreciation of dress design and (2) skill in achieving beauty of costume in relation to the wearer. The course is planned primarily to prepare students for the advanced clothing courses in which they are expected to have some ability in adapting and originating apparel designs.

The course is conducted through lectures, reference reading, discussion and laboratory practice. Laboratory problems include experimentation with fabric combinations, color analysis, experience in the use of various kinds of source material as inspiration for original designs, and other problems suited to the needs and interests of the students. Materials provided by the student. Estimated cost of materials, \$5.

215. *FITTING, FLAT PATTERN DESIGN, AND CONSTRUCTION*. Fall and spring. Credit two hours. Suggested for sophomores. Textiles and Clothing 201 required and 210 to precede or parallel this course. Each section limited to twenty students. Misses ADAM and SINGLETON.

Fall

T Th 9-11, Room 215
T Th 2-4, Room 215

Spring

M W 2-4, Room 215
T Th 11-1, Room 215

A course in flat pattern making which provides opportunity to develop greater independence, proficiency, and judgment in designing, fitting, and constructing clothing. Throughout the course emphasis is placed on methods and techniques used in obtaining a well-fitted garment. Students fit a foundation pattern in muslin following the careful taking of body measurements. A master pattern of manila tag is made from which flat patterns and dress designs are developed. After consideration and study of individual proportions, each student constructs and finishes one garment from a pattern which she has developed. All materials are to be purchased by the student after conference with the instructor. Estimated cost, \$15-\$20.

235. *SCIENCE RELATED TO TEXTILES*. Spring. Credit two hours. Prerequisites, Food and Nutrition 215, or Elementary Organic Chemistry, or the equivalent of these, and Textiles and Clothing 130 or 310. Section limited to 12 students. Miss WHITE.

W F 8-10. Room 353.

A course concerned with the chemistry involved in the study of fabrics. Laboratory work includes observation of the chemical properties of the major fibers used in clothing and household fabrics; analysis of antiperspirants; stain removal by methods which can be adapted for home use; simple performance tests on fabrics and evaluation of these and standard tests.

250. *PATTERN DESIGN: FITTING AND DRAPING*. Fall and spring. Credit three hours. Prerequisites, Textiles and Clothing 201, 210, and 215 or the equivalent. Each section is limited to twenty students. Misses SCOTT and SINGLETON.

Fall: T Th 2-4:45, Room 217.

Spring: T Th 9-12, Room 217; T Th 2-4:45, Room 217.

A course to develop more understanding and skill in designing and fitting through draping on a dress form. Laboratory work in preparation of a dress form.

Other laboratory problems include draping three dresses. Study of proportion and use of line in relation to the individual. Dress materials provided by the student after consultation with the instructor. Estimated cost of materials, \$15 to \$25.

300. *SPECIAL PROBLEMS FOR UNDERGRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For students recommended by advisers and approved by the head of the department and the instructor in charge for independent, advanced work on a problem not dealt with by other courses in the department, or for special arrangement of course work necessitated because of previous training. Students are to assume any expense involved unless otherwise previously arranged.

310. *HOUSEHOLD TEXTILES*. Spring. Credit two hours. For juniors, seniors, and graduate students. (Graduate students should see Textiles and Clothing 410 and consult with the instructor.) Section limited to 20 students. Miss WERDEN.

T Th 9-11. Room 278.

A study of the range in quality in household textiles and the methods of selecting the quality best suited to specific needs. Buying problems in the area of household textiles.

Technical information necessary for efficient buying. Identification of fibers and physical testing of fabrics for properties which affect satisfactory use. Procedure

and performance of standard and other physical tests will be evaluated. A study of specifications set up by various groups. Existing state laws governing the sale of certain household textiles.

A two-day trip to four or more manufacturing establishments to observe designing, weaving, making of certain household fabrics, and methods used in preparing fabrics for the retail market is planned. (If trip is possible, students will be responsible for transportation and living expenses involved. Estimated cost, \$20 to \$25.) Estimated cost of materials, \$3.

[320. *PROBLEMS IN BUYING CLOTHING*. Fall and spring. Credit three hours. For upperclassmen and graduate students.

M W F 11-1. Fall term, Room 216; spring term, Room 278.

This course offers students opportunity to study the problems involved in acquiring and maintaining a satisfactory wardrobe and to gain more understanding and skill in buying garments for different age groups.

The group work is supplemented by reference reading, building a bibliography of sources of information, and the working through of special problems selected by students to meet individual needs. (If field trips are involved, students will be responsible for transportation and living expenses.) Estimated cost of materials, \$3. *Not offered in 1952-53.*

330. *HISTORY OF COSTUME*. Fall. Credit three hours. For upperclassmen and graduate students. Mrs. McMURRY.

M W F 2. Room 215.

A course aimed to develop appreciation of costume as an expression of the life of the people and of historic costume as a basis for designing stage and modern civil costume.

The course is conducted through lectures, reference reading, and discussion. Development of a special problem selected by the student to meet individual needs. Costume collections and rare reference books are made available. Estimated cost of materials, \$5 to \$10.

340. *ADVANCED DRESSMAKING*. Spring. Credit three hours. Prerequisite, Textiles and Clothing 250 or the equivalent. For upperclassmen and graduate students. Registration limited to sixteen students. Miss HUMPHREY.

T Th 9-12. Room 234.

A course in advanced construction methods. Emphasis in this course will be given to finishing details and the handling of unusual fabrics and designs. Some experience will be given in the use of special fabrics used in trade dressmaking. Two garments will be made. Materials provided by the students. Estimated cost of materials, \$20 to \$35.

345. *TAILORING*. Fall. Credit three hours. Prerequisite, Textiles and Clothing 250 or the equivalent. For upperclassmen and graduate students. Registration limited to sixteen students. Miss HUMPHREY.

T Th 9-12. Room 234.

A course in custom tailoring which offers the opportunity of developing discriminating judgment in the selection of designs, suitable fabrics, and quality of construction detail. Materials provided by the student after consulting the instructor. Estimated cost of materials, \$25 to \$50.

350. *TEXTILES: ADVANCED COURSE*. Fall. Credit two hours. Prerequisite, Textiles and Clothing 130 or 310 or the equivalent. Miss WHITE.

W F 11-1. Room 278.

A study of textiles with emphasis on physical properties of fiber, yarn, and fabric as they affect satisfactions to be obtained by the consumer. Sources of textile in-

formation. Practice in the use of laboratory equipment and instruments; standard procedures are used when possible. Development of a special problem selected by the student to meet individual interests. Estimated cost of materials, \$5 to \$15.

400. *DRESS DESIGN: ADVANCED COURSE*. Spring. Credit three hours. Prerequisites, Textiles and Clothing 250 and 340, or their equivalent. The instructor should be consulted before registering. Mrs. McMURRY.

T Th 2-4:45. Room 215.

A course in advanced dress design with emphasis on the further development of originality and proficiency in designing. Opportunity is given to investigate sources of design ideas, practice various methods of designing, and build a collection of source materials for professional or personal use.

Laboratory practice includes the development of a series of designs by draping and flat pattern. One or more special problems will be undertaken by the student to meet individual needs. Estimated cost of materials, \$5 to \$35.

Included in the course plan is a two-day trip to New York to study museum exhibits and designers' collections. When the trip is taken students are responsible for transportation and living expenses involved.

401. *RESEARCH METHODS IN TEXTILES AND CLOTHING*. Fall term. Credit two hours. For graduate students. Graduate staff.
Hours to be arranged.

403. *SPECIAL PROBLEMS FOR GRADUATE STUDENTS*. Fall and spring. Credit and hours to be arranged. Department staff.

For graduate students recommended by their chairman and approved by the head of the department and the instructor in charge for independent, advanced work.

407. *THESIS AND RESEARCH*. Fall and spring. Registration with permission of the instructor. Mrs. BUTT, Mrs. McMURRY, Miss HUMPHREY, Mrs. RYAN, Misses SCOTT, WERDEN, and WHITE.

410. *SEMINAR IN HOUSEHOLD TEXTILES*. Spring. Credit one hour. Prerequisite or parallel, Textiles and Clothing 310. Required of graduate students taking Household Textiles 310. Consult the instructor before registering. Hours to be arranged. Miss WERDEN.

430. *SEMINAR: CLOTHING AS RELATED TO HUMAN BEHAVIOR*. Spring term. Credit two hours. For graduate students. Mrs. RYAN.
W F 2-4. Room 278.

Critical review of literature concerned with social-psychological aspects of clothing with emphasis on methods of approach. The formulation and planning of a problem in this field.

SOME COURSES IN OTHER COLLEGES FOR HOME ECONOMICS STUDENTS

(Students should refer to the Announcements of the several colleges for complete course offerings.)

AGRICULTURAL ENGINEERING 10. Household Mechanics. Fall and spring. Credit three hours. For women students. Not open to freshmen. Professor WRIGHT and assistants.

Lectures, T Th 12. Caldwell 100. Practice, W Th or F 2-4:30. Agricultural Engineering Laboratories.

A course intended to develop ability to think and to reason in terms of mechanical devices. Among the problems selected for this training are exercises on automobiles, electrical appliances, water systems, plumbing, faucet repairs, and sewing machines.

ANIMAL HUSBANDRY 92. *Meat and Meat Products.* Fall and spring. Credit two hours. For women students. Not open to freshmen. Designed primarily for students in the College of Home Economics. Registration limited to sixteen students in each laboratory section. Associate Professor WELLINGTON and Poultry Department staff.

Lecture, Th 11. Wing B. Laboratory, Th or F 2-4:20. Meat Laboratory.

A course dealing with the major phases of meats, poultry, and eggs: wholesale and retail buying, nutritive value of meats, cutting, freezing, curing, canning, cooking, and miscellaneous topics.

BACTERIOLOGY 4. *Household Bacteriology.* Spring. Credit three hours. Prerequisite, Elementary Chemistry. Limited to students in Home Economics. Assistant Professor VAN DEMARK and assistants.

Lectures, T Th 10. Laboratory, T Th 8-9:50 or T Th 11-12:50. Stocking.

An elementary, practical course for students in home economics, stressing food bacteriology.

BIOCHEMISTRY 10. *Elements of Biochemistry.* Fall. Credit four hours. Prerequisite, Chemistry 303 and 305 or Food and Nutrition 215. Associate Professor DANIEL.

Lectures and discussion, M T Th S 8. Savage 145.

Primarily for students in the College of Home Economics. An elementary course dealing with the chemistry of biological substances and their transformations (digestion and metabolism) in the animal organism.

BIOCHEMISTRY 11. *Elements of Biochemistry.* Fall. Credit two hours. Prerequisite or parallel, Biochemistry 10. Associate Professor DANIEL and assistants. Laboratory, T Th 2-4:20 or W 2-4:20 and S 9-11:20. Savage 210.

Laboratory practice with biochemical substances and experiments designed to illustrate chemical reactions which may occur in the animal body.

BIOLOGY 9. *Biological Basis of Social Problems.* Spring. Credit three hours. Not to be taken as a substitute for Biology 1. No prerequisites. Assistant Professor UHLER.

Lecture and demonstration, T Th S 9. Roberts 392.

An elementary course designed especially to furnish a background in biological science for students in the College of Home Economics who intend to enter the field of nursery school teaching, though open to other interested students as well. A survey course of biological principles and relationships with emphasis on human structure, development, heredity, and eugenics.

HUMAN DEVELOPMENT. ZOOLOGY 201. PSYCHOLOGY 202. Credit three hours each semester. This is a year's course; the first half (fall) is listed as Zoology 201, the second half (spring) as Psychology 202. The first half is prerequisite to the second. Professors SINGER and BRONFENBRENNER.

T Th 10.

The aim of this course is to give the student an understanding of structure, function, and development of the growing human being as the result of interplay between biological, psychological, and social factors. Course material is drawn from the pertinent biological and social sciences.

PHYSIOLOGY 303. *Human Physiology.* Fall and spring. Credit three hours. Prerequisite, a previous course in biology and in chemistry (high school or college). Open to students in the Colleges of Arts and Sciences, Home Economics, Agriculture, and others. Professor DYE and Mr. O'TOOLE.

M W F 10. Room to be announced.

This is an introductory course designed particularly to present fundamental and practical information concerning the physiological processes and systems of the human body. Lectures, illustrations, and demonstrations.

PSYCHOLOGY 103. *Educational Psychology.* (See also Rural Education 111.) Fall. Credit three hours. Prerequisite, Human Development, Psychology 101, or Rural Education 10. Other qualified students may be admitted on consent of the instructor. Not open to freshmen. Professor ———.

M W F 11. Goldwin Smith 236.

Note: Attention is called also to Psychology 351-352, *Psychological Tests*; Psychology 410, *Individual Differences*; Psychology 411, *Procedures in Clinical Child Psychology*; and Psychology 562, *Seminar on Human Development and Behavior*. For details see the *Announcement of the College of Arts and Sciences*, pages 117-118, 120.

RURAL EDUCATION 107. *The Teaching of Nature Study and Elementary School Science.* Spring. Credit two hours. Open to juniors, seniors, and graduate students. Associate Professor GORDON.

Lecture, S 8. Practical exercises S 9-11:30. Fernow 8.

A consideration of content and method, with field studies and laboratory techniques useful in the home, the school, and the summer camp.

RURAL EDUCATION 111. *Educational Psychology.* Fall and spring. Credit three hours. Prerequisite, Human Development. Not open to freshmen.

M W F 9. Warren —. Professor GLOCK.

Consideration of the outstanding facts and principles of psychology bearing upon the problems of education.

RURAL EDUCATION 190. *Social Foundation of Education.* Fall and spring. Credit three hours. Must be approved by the instructor in charge. Professor MOORE.

Fall term: M W F 9. Spring term: M W F 11. Warren 125.

Evaluation of the school as a social institution and emphasis upon the role the school must play in a democratic society.

SOCIOLOGY AND ANTHROPOLOGY 101. *Introduction to the Study of Society.* Fall and spring. Credit three hours. Open to all students although primarily intended for freshmen. Not open to those who have credit for Social Science 1 or Rural Sociology 1. Mr. STREIB and staff.

M W F 8, 9, 10, 12; T Th S 8, 10, or 11.

An introduction to the study of societies as interrelated systems; selected major problems of contemporary American society as seen in the context of our own social system; social factors in personality formation.

SPEECH AND DRAMA 131. *Voice Training.* Spring. Credit two hours. Open to freshmen. Consult the instructor before registering. Professor THOMAS.

T Th 12.

EXTENSION TEACHING AND INFORMATION

ORAL AND WRITTEN EXPRESSION

101. *ORAL AND WRITTEN EXPRESSION*. Fall and spring. Credit two hours. Open to juniors and seniors. The number in each section is limited to twenty students. Professor PEABODY, Associate Professor FREEMAN, Assistant Professor MARTIN, and Mr. LUEDER.

Lectures and practice: *Fall*, M W 9, T Th 9 or 11, W F 10, Roberts 131. *Spring*, M W 9, T Th 9 or 11, Roberts 131. Criticism, by appointment, daily, 8-5, S 8-1.

Practice in oral and written presentation of topics in agriculture, with criticism and individual appointments on the technique of public speech. Designed to encourage interest in public affairs, and, through demonstrations and the use of graphic material and other forms, to train for effective self-expression in public. Special training is given to competitors for the Elsie Van Buren Rice Public Speech Stage.

102. *ORAL AND WRITTEN EXPRESSION*. Spring. Credit two hours. Prerequisite, course 101 of which course 102 is a continuation. Professor PEABODY and Associate Professor FREEMAN.

Lectures and practice, T Th 10, W F 10. Roberts 131. Criticism, by appointment, daily 8-5, S 8-1.

A part of the work of Course 102 consists of a study of parliamentary practice.

104. *ADVANCED ORAL EXPRESSION*. Spring. Credit two hours. Prerequisites, courses 101 and 102. Limited to nine students. Students who wish to take this course should first consult Professor Peabody. M W 12. Roberts 492. Professor PEABODY.

An advanced course of study and practice in oral expression as directly related to the needs of the County Agricultural Agent, the Home Demonstration Agent, the 4-H Club leader, and the extension specialist.

JOURNALISM

15. *AGRICULTURAL JOURNALISM*. Fall and spring. Credit three hours. Professor WARD. M W F 10. Warren 125.

An introductory course dealing with agricultural publications, daily and weekly newspapers, trade journals, book publishing, advertising, radio, television, and other fields related to journalism.

315. *HOME ECONOMICS JOURNALISM*. (See also page 72.) Fall. Credit three hours. Open to juniors and seniors; juniors to receive preference in case of overregistration. Not to be taken by students who have had Journalism 15. Assistant Professor STOCKER.

M W F 10. Martha Van Rensselaer 3M11.

A course to help students write clear, factual material on home economics subject matter which would be suitable for publication in newspapers, magazines, educational periodicals, and other media.

Practice and criticism in news and feature writing. Experience in planning and posing photographs and in editing copy. Brief survey and limited experience in other fields where journalistic techniques are used, such as radio and television, advertising, writing of leaflets and bulletins.

110. *NEWS WRITING*. Spring. Credit two hours a term. Prerequisite, course 15 or 100. Associate Professor KNAPP.

Th 2-4. Roberts 492.

Primarily, writing agricultural and home economics news for publication; includes criticisms, discussions, and consultations on published material written by students in the course.

112. *ADVERTISING AND PROMOTION*. Spring. Credit two hours. Open to juniors and seniors and to other students by permission of the instructor. Professor WARD and guest lecturers from advertising agencies.

W 2-4. Warren 125.

The use of commercial advertising and sales promotion methods and media in promoting the sale of products and new or improved farm and home practices and programs. Includes market analysis, planning of the advertising and/or promotion units, selection of media, preparation of copy and sales promotion pieces.

113. *WRITING FOR MAGAZINES*. Spring. Credit two hours. Not open to freshmen. Professor WARD.

M 2-4. Warren 201.

A course dealing chiefly with the writing of fact articles for publication in home economics or general magazines. Students may write on any subjects they choose. The articles and publication markets are analyzed.

RADIO

120. *RADIO BROADCASTING*. Spring. Credit three hours. Associate Professor KAISER, Mr. RICHARDS, and Mrs. GABRIEL.

M W F 9. Warren 125.

An introductory course to familiarize students, particularly those in Agriculture and Home Economics, with the best methods of presenting ideas by radio and with radio studio procedure. Practice includes auditions and criticisms for all members of the class in preparing and presenting radio talks, continuity writing, and program arrangements.

121. *RADIO PRODUCTION AND PROGRAMMING*. Fall. Credit two hours. Associate Professor KAISER and staff.

T 2-4. WHCU Campus Studio.

A comprehensive course in radio writing, program planning, and presentation. The course will cover the actual gathering and correlating of material, transcribing, and discussion of results. Students will be assigned regular program problems which they will carry through to completion. Field work is handled with wire and tape recorders. A television seminar is to be arranged.

VISUAL AIDS

130. *PHOTOGRAPHY*. Spring. Credit two hours. Limited to 25 students. Open to juniors, seniors, and graduate students. Primarily intended for those who plan to enter fields of work in which a knowledge of photographic principles is important. Registration by permission only. Associate Professor PHILLIPS and Messrs. MAURER and KRUSE.

Lecture and laboratory, S 9-12. Roberts 492.

A course which deals with the techniques of photography to be used in newspapers, magazines, bulletins, film strips, motion pictures, and other media. The laboratory includes work in processing for the different media.

131. *VISUAL AIDS—THEIR SCOPE, PREPARATION, AND USE*. Fall. Credit two hours. Open to juniors, seniors, and graduate students. Associate Professor PHILLIPS and department staff.

Lecture and demonstration, S 9-11. Roberts 392.

A course designed to familiarize the student with the forms, purposes, preparation, and use of all types of visual aids (slide sets, motion and news photography, exhibits, posters, and other media) useful to teaching, promotion, or public relations problems. Includes practice in selection of and planning specifically assigned problems.

EXTENSION ORGANIZATION AND METHODS

140. *EXTENSION ORGANIZATION, ADMINISTRATION, AND POLICY.* Spring. Credit three hours. Open to graduate students and seniors, and to juniors by special arrangement. Lectures and exercises based on current extension work. Professor KELSEY and others.

M W F 11. Roberts 492.

This course is designed to familiarize students with the organization, administration, methods, and policies of extension work as exemplified in New York State. The course is for students interested in voluntary leadership in extension as citizens in rural communities, as well as for prospective County Agricultural, 4-H Club, or other extension workers in agriculture.

Note: Home Economics students should see also Home Economics Education courses.

SECRETARIAL STUDIES

HOTEL SECRETARIAL STUDIES 37. Personal Typewriting. Fall and spring. Credit two hours. Students should enroll with departmental registrar. Mr. McHATTON.

M T W Th F at 9, 11, or 12. Statler 337.

An elementary course in typewriting planned to meet the general needs of college students. Instruction is given in the typographical arrangement of letters, reports, and statistical data.

HOTEL SECRETARIAL STUDIES 131. Shorthand Theory. Fall. Credit four hours. Permission of instructor required for enrollment. Mrs. RECKNAGEL.

M W F at 10 or 2; Tuesday at 3 or 4. Statler 335.

The basic theory of Gregg shorthand is completed, and the groundwork is laid for dictation and transcription.

HOTEL SECRETARIAL STUDIES 132. Secretarial Typewriting. Fall. Credit two hours. Permission of instructor required for enrollment. Mr. McHATTON.

M W Th F at 3. Statler 335.

An elementary course in typewriting planned especially for students who want to use their typewriting in business. Correlated with Hotel Administration 131 for transcription.

HOTEL SECRETARIAL STUDIES 138. Secretarial Procedures. Spring. Credit six hours. Prerequisite, Hotel Administration 131 and 132 or permission of instructor. Mrs. RECKNAGEL and Mr. McHATTON.

M W F 2-4:20. Statler 335.

Instruction is provided in the major secretarial duties, including the composition of business letters, services for communication and transportation, and office management. Dictation and transcription speeds sufficient for secretarial correspondence are developed.

Note: Attention is also called to Hotel Administration 238, *Business Writing*. See the *Announcement of the School of Hotel Administration*.

COURSES TO MEET UNIVERSITY REQUIREMENTS IN PHYSICAL EDUCATION FOR WOMEN

1. Required activities: Fundamentals (P.E. 51) during the freshman year. Rhythmics (P.E. 52) immediately following the completion of Fundamentals. Individual Gymnastics (P.E. 53) is required when recommended by the Medical or Physical Education staff.

Other activities (P.E. 54): archery, badminton, basketball, basketball refereeing, bowling, canoeing, equitation, field hockey, folk and square dancing, golf, life saving, modern dance, softball, tennis. For further information, see the *Bulletin of the Department of Physical Education for Women*. Misses ATHERTON, BATEMAN, CARNELL, STEWART, Mrs. BAIRD, Messrs. HALL and ZEILIC.

2. Students who have been discharged from the Armed Forces may be exempted from the requirement. Students 22 years of age on entrance and transfers entering with four terms of advanced standing credit may be exempted from the requirement. Students who show unusual proficiency may be exempted from the third and/or fourth terms upon recommendation of the Physical Education Department.

3. All other undergraduate women are required to complete four terms of work, three hours a week, in Physical Education during the first two years of residence. Permission for postponement or for exemption from this requirement is issued only by the University Faculty Committee on Requirements for Graduation through the representative in the College Secretary's office.

4. See the *Announcement of the Independent Divisions and Departments* for information concerning elective courses in *The Dance* and *Camp Counselor Training* for academic credit.

Index

Absences	51	Honorable Dismissal	52
Academic Standing	50	Hospital Dietetics	26
Admission	30	Hotel Administration	17
Advanced Standing, Admission	31	Housing and Design	72
Agricultural Engineering	85	Human Development	86
American Dietetics Association		<i>In Absentia</i>	52
Program	27	"Incompletes" in Courses	49
Animal Husbandry	86	Institution Management	77
Assistantships, Graduate	46	Institution Management, Professional	
Attendance	51	Training	25
Bacteriology	86	Journalism	88
Biochemistry	86	Late Registration	47
Biology	86	Leave of Absence	52
Board and Room	36	Library	16
Cashing of Checks	37	Library Fines	49
Changes in Registration	48	Living Arrangements	34
Child Development and Family Relationships	55	Loans	46
Commercial Food Service	27	Martha Van Rensselaer Hall	15
Cornell University-New York Hospital		Merrill-Palmer School	28
School of Nursing	29	National Restaurant Association	27
Counseling Service	19	Objectives of the College	17
Courses, Numbering of	55	Oral and Written Expression	88
Courses, Other Colleges	85	Orientation Courses	55
Danforth Fellowship and Scholarship	45	Orientation Week	31
Degree, Requirements for	53	Personnel	4
Degrees, Graduate	33, 34	Petitions	48
Dietetics, Postgraduate Training	26	Physical Education Requirement	91
Earning, Opportunities for	38	Physiology	87
Economics of the Household and		Placement Service	20
Household Management	61	Planning the Program	18
Employment, Summer	38	Preregistration	47
Employment, Undergraduate	38	Prizes	45
Entrance Requirements	30	Probation	50
Examinations	51	Program, Student's	18
Expense Estimates	37	Psychology	87
Extension Organization, Methods	90	Radio	89
Extension Teaching	22, 88	Registration	47
Faculty	6	Rural Education	87
Fees	35, 36, 37	Scholarships	39, 40, 41, 42, 43, 44, 45
Food and Nutrition	64	School of Nutrition	29
Food and Nutrition, Professional		Secretarial Studies	90
Training	25	Selection for Professional Training	25
General Information	14	Sociology	87
Grades	49	Special Standing, Admission with	32
Graduate Fellowships and Assistantships	46	Speech and Drama	87
Graduate Students, Admission of	32	Summer Session Credits	52
Graduate Study	32, 33, 34	Teaching, Certification Requirements	24, 25
Grants	45	Textiles and Clothing	80
Health Services and Medical Care	34	Trustees	3
Home Economics, Growth of	14	Tuition	34
Home Economics Education	69	Visual Aids	89
Home Economics Journalism	72	Vocational Opportunities	21
Homemaking Apartments	69	Vocational Preparation	22