

CASE WESTERN RESERVE UNIVERSITY

Didactic Program in Dietetics (DPD)

Student Handbook

Revised October, 2009



CASE WESTERN RESERVE
UNIVERSITY

SCHOOL OF MEDICINE

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DIDACTIC PROGRAM IN DIETETICS

Student Handbook

Case Western Reserve University

OVERVIEW of the Didactic Program in Dietetics (DPD)

The DPD is the first of the three required components in the education and training of dietetics professionals.

Dietitians are the health professionals who translate the science and art of nutrition and food in the service of people. They can do this best if they are confidently grounded in their foundational knowledge and skill development. The DPD is intended to provide this firm foundation and to prepare the student for the second educational requirement that of the supervised practice experience. The well-designed didactic program will provide courses and educational experiences in the basic sciences of biology, chemistry, biochemistry, physiology and microbiology; nutrition sciences, to include basic nutrition, food science, clinical nutrition, and advanced nutrition; the social sciences such as sociology and psychology; and management. Students will be encouraged, to the extent possible, to choose elective coursework in areas of interest or potential professional involvements.

Graduates of our Didactic Program in Dietetics will successfully complete the Foundation Knowledge and Skills as delineated in the Standards of Excellence (CADE, ADA). They will be prepared to competitively seek, receive, and successfully complete an accredited dietetic internship program.

The DPD is within the Department of Nutrition at Case Western Reserve University. The Department of Nutrition is in the School of Medicine. Its focus is on human nutrition and the application of the science of nutrition to health maintenance and health improvement. The department was established in 1911, and over the years it has developed and evolved in exciting ways. Its records show that the first student to be identified as a dietitian graduated in 1918. In 1929, graduate programs were established for the master's degree and the degree of Doctor of Philosophy. Metabolic and basic science research programs were started in 1989.

Undergraduate nutrition majors earn their baccalaureate degrees through the University's College of Arts and Sciences; the graduate students earn their degree through the School of Graduate Studies.

The Didactic Program in Dietetics (DPD) is located in the Department of Nutrition and may be completed in conjunction with any of the Department's bachelor's degrees, the integrated graduate studies program, or the M.S. in Nutrition. Graduate students who have been accepted into the M.S. Degree Program, but have the Baccalaureate Degree in a field other than nutrition may complete the DPD requirements along with their graduate coursework in nutrition, if they anticipate applying to a supervised practice program (dietetic internship).

Accreditation Status: The Department's Didactic Program in Dietetics may be completed in conjunction with any of the above-listed bachelor degrees or the M.S. in Nutrition. The Didactic Program in Dietetics at Case Western Reserve University is currently granted Developmental Accreditations by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 312/ 899-0400, ext. 5400.

Department offices and administration are located in the School of Medicine, room WG 48. Research laboratories are located in the School of Medicine.

DPD Mission

The mission of the DPD program at Case Western Reserve University is to provide quality dietetic courses and didactic course learning experiences for students to complete the DPD, which prepares and enables students to enter into, and successfully complete an accredited dietetic internship and/or obtain employment in health-care or industry.

DPD Philosophy

The philosophy of the DPD at Case Western Reserve University DPD is to educate individuals through quality dietetic courses and didactic course learning experiences, to develop professionals who will translate the science and art of nutrition and food into application through practice of dietetics, and to develop visionary and competent individuals who will be able to understand and to solve complex problems encountered by the professional dietitian.

The DPD's mission is congruent with that of the University and the Department in seeking to provide the appropriate environment to enable students to become proficient in their major field of study and in entry level dietetics practice and to instill an appreciation for and skills necessary in life-long learning.

The DPD's mission is consistent with academic preparation for supervised practice to become a Registered Dietitian and, as integrated into the Program's didactic learning experiences, complies with the ADA Standards of Professional Performance.

HOW TO ENROLL IN THE DPD (*For Prospective Students*):

The Didactic Program in Dietetics (DPD) is located in the Department of Nutrition and may be completed in conjunction with any of the Department's bachelor's degrees, the integrated graduate studies program, or the M.S. in Nutrition. Graduate students who have been accepted into the M.S. Degree Program, but have the Baccalaureate Degree in a field other than nutrition may complete the DPD requirements along with their graduate coursework in nutrition, if they anticipate applying to a supervised practice program (dietetic internship). Courses required for the DPD will be integrated within the BS or BA undergraduate curriculum, for those students desiring to continue on in dietetics (a complete listing of DPD courses is included).

DPD application and admission process:

Since spring 2009, the DPD Program has had a formal DPD application and selection process to "admit" students into the Program. Prospective DPD students are to complete a one page DPD application (see DPD Application - Appendix A), preferably, submitted during the middle of the students sophomore year, once the student has completed NTRN 201, BIOL 214 and CHEM 105 and 106; these courses are prerequisites to DPD courses and a review of historical data from student transcripts by the director, the DAB and dietetics faculty have shown that they are highly predictive of student performance.

The DPD Director and the DPD Advisory Board (DAB) will review all applications during spring DAB meeting to identify and select students to be admitted. The Director will notify selected students immediately following the spring meeting. Admission into the DPD will preferably occur in the 1st semester of the student's sophomore year; special students, with a baccalaureate degree, who are working to complete the DPD will be admitted, based on the same criteria, after a review of transcripts involving assessment of the same prerequisite course equivalencies.

Admission will be based on:

- 1) Grade of B or above in NTRN 201.
- 2) Grade of C or above in BIOL 214, and CHEM 105 and 106.
- 3) Overall cumulative GPA of at least 2.5 at the time of application.

Students who do not meet these criteria, have the option of retaking one or more of the required courses, then reapply for admission into the DPD.

Admission to the University:

Upon admission to the University, a student received a copy of the Student Handbook and is assigned an academic advisor. The Advisor assists the student in the selection of courses and the development of a plan of study that will ensure completion of the requirements for the chosen degree program. Through careful selection of elective courses, students can tailor their educational experience to meet any additional personal goals.

In the spring of their senior year, DPD students will submit applications to the Dietetic Internships of their choice. The application process is clearly specified by the American Dietetic Association and the various internship programs; advisors are readily available to lend guidance. The actual assignment of applicants to internship slots, however, is done through a computer match system (D&D Digital Inc., Ames, IA).

The application process will therefore require the following:

- Completion and submission of all required forms and any additional internship-specific requirements.
- “Declaration of Intent to Complete” form or "Verification [of completion of DPD] Statement", signed by the DPD Director. The “*Declaration of Intent to Complete*” form lists all DPD courses in which student is enrolled at time of internship application. These courses must be completed prior to starting an internship.
- Also, submission of the paper or online "mark/sense" - DI ranking - form to D&D Digital Systems for computer matching.

PROGRAM GOALS AND OUTCOME MEASURES

Program Goal ONE: Provide recruitment and guidance counseling for students interested in the profession of dietetics, as well as retain and mentor students who are in the program.

Outcome Measures

- 80% of students who enter the DPD will complete it
- 100% of all DPD students will receive advising once per year
- 75% of graduates will apply to a supervised practice program the academic year they complete the program
- 90% of responding graduates will indicate “satisfactory” or better score with respect to quality of advising and support provided by the DPD Director and faculty

Program Goal TWO: Prepare students to perform competently in a dietetics supervised practice program in preparation to be an entry-level dietitian.

Outcome Measures

- 80% of graduates who apply will be accepted to a supervised practice program
- 80% of graduates will pass the registration exam the first time it is taken

- 90% of responding graduates will indicate a “satisfactory” response or better that the DPD program prepared them for their supervised practice experience and career as a Registered Dietitian (RD)

Program Goal THREE: Provide quality dietetics instruction in order to prepare graduates to work in health-care and industry.

Outcome Measures

- 90% of graduates from this program will receive “satisfactory” ratings or higher on their overall knowledge and skill of dietetics from their DI Director and/or employer
- 90% of responding graduates who did not apply to a supervised practice program will indicate “satisfactory” or better that the DPD program prepared them for a career in a health related field
- 80% of graduates who did not apply to a supervised practice program will enter a post-baccalaureate educational program or be employed within six months of completing the DPD

Formal Assessment of Student Learning:

Student progress towards learning goals and outcomes occurs throughout the student's academic program. Each semester, the DPD Director will review student performance (grades) - overall performance in the course and on specific assignments - to make this assessment.

Retention and Remediation Procedures:

Students failing to maintain a cumulative GPA of 2.5 and a DPD GPA of at least 2.75 will be asked to meet with the DPD Director to receive additional instruction and guidance regarding improvement of performance and review the students’ long-term plans.

Assessment of Prior Learning:

All students, including transfer students, are required to meet both University and major degree requirements to graduate. To also complete DPD Program requirements, students, with assistance from the DPD Director and their Department advisor, integrate DPD course requirements into their major plan of study. The University's Office of Admissions conducts transcript evaluations for prospective and incoming transfer students. Transfer student requests for course substitutions or petitions are handled by the DPD Director, with the DPD Director and dietetics faculty comparing the transfer student's prior coursework to DPD Program's course requirements to determine if there are any DPD course equivalencies and thus, the students remaining DPD course requirements.. For courses outside the Department, decisions are made by the corresponding department through the University petition process.

FINISHING THE DPD

Internship programs vary in duration, depending on the particular program and associated graduate study (if any). Completion of both the Bachelor’s degree and the DPD coursework is mandatory before the internship experience can be started. All students, not only those planning to apply to dietetic internships (DI), will receive official verification of DPD completion, provided by the DPD Director in the form of the American Dietetic Association's (ADA) "Verification Statement." Students applying to a DI prior to completing all of the DPD coursework will be supplied with a form entitled, "Intent to Complete DPD", which lists any remaining DPD coursework - during the time between sending the DI application and entering the internship - and is signed by the DPD Director and the student. Upon completion of an accredited Dietetic Internship, a national registration examination is taken. Successful completion of the examination is necessary in order to receive credentialing as a Registered Dietitian (RD).

SUMMARY OF COURSES REQUIRED FOR DPD

• BIOC 307/407	4	Biochemistry
• BIOL 340 & 346 or 216	3 (or 4)	Human Anat./Phys. or Organisms & Ecosystems
• BIOL 343	3	Microbiology
• CHEM 223	3	Organic Chemistry
• ENGL 150 (or SAGES Writing Portfolio)	3	Expository Writing
• EDUC 304 or PSCI 353 or 357	3	Educational Psychology, Psychology of Learning, or Cognitive Psychology
• NTRN 201	3	Nutrition
• NTRN 342	5	Food Science (lecture and lab)
• NTRN 343	3	Dietary Patterns
• NTRN 351/451	3	Food Service Systems Management
• NTRN 360	3	Guided Study in Nutrition Practice
• NTRN 363 (or 433)	3 (or 4)	Human Nutrition I (Advanced Human Nutrition I)
• NTRN 364 (or 434)	3	Human Nutrition II (Advanced Human Nutrition II)
• NTRN 365	4	Nutrition in Disease
• NTRN 550A or 528	3	Advanced Community Nutrition
• SOCI 101	3	Introduction to Sociology
• <i>One of following courses:</i> STAT 201, 243, 312, or 313 or EPBI 431 or ANTH 319 or PSCL 282	3	Statistics
• ANTH 215 or SOCI 311 or	3	Medical Anthropology, Health, Illness Social Behavior

- **Total Credit Hours for DPD: 61-63**
- Total Credit Hours for BS/Nutrition Degree: **120**
- **Total Credit Hours for MS/Nutrition Degree: 30** (minimum of 18 credit hours at 400 level or higher)
 - This summary of courses lists the minimum requirements for completion of the Didactic Program in Dietetics. Elective courses are also available, such as Child Development, Sports Nutrition, and Nutrition for the Elderly.

DIDACTIC PROGRAM IN DIETETICS

Course Listing

Case Western Reserve University – Department of Nutrition

Student: _____

COURSE	CREDIT HRS.	DATE TAKEN	SCHOOL
NUTRITION			
NTRN 201 ^{F,S} Nutrition	3		
NTRN 342 ^F Food Science	5		
NTRN 343 ^S Dietary Patterns	3		
NTRN 351/451 ^S Food Service Systems Management	3		
NTRN 360 ^{F,S} Guided Study in Nutrition Practice	3		
NTRN 363/433 ^S Human Nutrition I	3-4		
NTRN 364/434 ^S Human Nutrition II	3		
NTRN 365 ^S Nutrition in Disease	4		
NTRN 550A ^F Adv. Community Nutrition or NTRN 528 ^{F,1} Intro to Public Health Nutrition	3		
NON-NUTRITION			
BIOC 307/407 ^F Biochemistry	4		
BIOL 343 ^S / 443 ^S Microbiology (no lab req.)	3		
BIOL 346 and 340 (Human Anatomy & Physiology) or BIOL 216 ^S Organisms & Ecosystems	3-4		
CHEM 223 ^F Organic Chemistry	3		
ENGL 150 ^{F,S} Expository Writing or SAGES Writing Portfolio	3		
EDUC 304 ^F Educational Psychology or PSCL 353 ^S Psychology of Learning or PSCL 357 ² Cognitive Psychology ³	3		
ANTH 215 ^{F,S} Intro to Med Anthropology or SOCI 311/411 ² Health, Illness	3		
SOCI 101 ^{F,S} Intro to Sociology	3		
One of following: STAT 201 ^{F,S} , 243 ^F , 312 ^{F,S} , or 313 ^{F,S} Statistics or EPBI 431 ^F , ANTH 319 ^F or PSCL 282	3		

Please note some courses have prerequisites. (F = Fall; S = Spring semester only)

ESTIMATED EXPENSES: ACADEMIC YEAR 2008-2009

University Application Fee:

College of Arts and Sciences	\$ 35.00 (waived if submitted online)
School of Graduate Studies	\$ 50.00

Tuition Rates:

	Credit Hour	Semester	Year
Undergraduate	\$ 1,260	\$ 15,120	\$ 30,240
Graduate	\$ 1,171	\$ 14,050	\$ 28,100

Health Service and Medical Insurance Fee: \$550 per semester (may be waived for students with alternate medical insurance)

Student Activity Fee:

College of Arts and Sciences	\$ 124.00 per semester
School of Graduate Studies	\$ 5.00 per semester

Books and Supplies (estimate): \$ 300.00

Technology fee: \$ 200.00

Room and Board Rates (selected examples):

	Year
Double	\$ 6,080
Small single	\$ 6,860
Large single	\$ 7,420

More detailed information can be found at: <http://studentaffairs.case.edu/living/resources/documents/> regarding different types of rooms, rates and meal plans.

Campus Parking: Rates vary depending on location of lot or garage. Information available from Parking Office: 216-368-2724.

American Dietetic Association: \$43.00 (Student Membership)

Computer Matching Fee: D&D Digital Systems \$50.00 (for individuals applying to Dietetic Internships)

Transcript Fee: \$5.00 per transcript

FINANCIAL AID INFORMATION

Department of Nutrition

The CWRU General Bulletin includes detailed information regarding fees, expenses, financial assistance, and the university's Financial Aid Policy. It also outlines application procedures for undergraduate and graduate students. Students must be accepted to the University in full standing prior to submitting applications for financial aid. The General Bulletin can be accessed through the CWRU website.

Undergraduate Students

University Office of Financial Aid (216) 368-4530

The following types of assistance are available eligible students:

Loans Scholarships Work/Study Program (a federally funded program)

Graduate Students

1) University Office of Financial Aid (216) 368-4530

Loans

Work/Study Program (a federally funded program)

2) Nutrition Department

Financial assistance through the Department of Nutrition includes:

Helen Hunscher Student Loan Fund

Graduate Alumni Awards (awarded on competitive basis usually for the last semester of study)

American Dietetic Association

The ADA makes available a variety of scholarships, and loans. Information can be obtained directly from the ADA.

Address: Education and Accreditation Team, The American Dietetic Association
120 South Riverside Plaza, Suite 2000, Chicago, Illinois 60606-6995
(800) 877-1600, ext. 5400 or (312) 899-0050 ext. 5400

Website: <http://www.eatright.org> E-mail: education@eatright.org

Disciplinary action, suspension, termination procedures

Any student within the Department of Nutrition at CWRU is subject to disciplinary action if:

- The student engages in conduct that is deliberately unbecoming to the Department, a practice setting, or the Profession, or is unethical in nature; and/or
- The student engages in dishonest work as identified in the *CWRU Academic Integrity Code*.

The Code describes academic misconduct as including:

- cheating (using unauthorized materials, information, or study aids in any academic exercise or on national board examinations)
- plagiarizing (stealing or passing off ideas or work of another without crediting the source)
- falsification of records
- unauthorized possession of examinations
- intimidation and any and all other actions that may improperly affect the evaluation of academic performance or achievement
- assisting others in any of the above acts
- attempts to engage in such acts

The above guidelines also include removing books from any campus Library without checking them out, being dishonest about following Departmental policies and any other acts which involve unethical or dishonest behavior. A variety of sanctions may be imposed upon a student engaging in inappropriate acts/behaviors, including warning, censure, probation, suspension, expulsion, and/or restitution. The *CWRU Academic Integrity Code* describes each type of sanction. Students who have received a disciplinary sanction of any kind are subject to possible dismissal pending review of the Departmental Academic Progress Committee.

Grievance procedures and academic appeals

A student has the right to appeal any:

- academic course or evaluation (through the College of Allied Health)
- action construed as discriminatory or harassment (through the CWRU Office of Undergraduate Studies)
- disciplinary action

The University has well-established procedures that allow for student appeal and/or grievance. A student who desires information or guidance regarding the appeals process, or how to initiate the appeals process, should contact the Chairman or the Director of the Office of Academic and Student Services (room 165, College of Health Building). The student should also refer to the College of Allied Health Student Handbook and the Graduate College Bulletin for additional information.

Filing and handling complaints:

Any complaint about the DPD Program may be submitted, in writing to Dr. Edith Lerner (Vice-Chair and Associate Professor of the Department of Nutrition). Dr. Lerner will review the complaint and follow Department and University policy in handling any arbitration, including moderating a meeting between the student and The DPD Director.

THE PROFESSION OF DIETETICS

1. **Clinical:** provide a medical nutrition therapy services to patients in hospitals, clinics, managed care organizations, nursing homes, and home health care. Specialization within clinical practice is possible (eg., diabetes care, renal disease, neonatal/pediatric, etc).
2. **Community Nutrition:** practice within public health settings to include international organizations, government agencies (federal, state, local), community-sponsored agencies, and private or volunteer organizations. Dietitians in these settings may provide direct service to individuals or groups, or may be involved in policy development, program planning, etc. for the benefit of the public.
3. **Foodservice Management:** supervise food preparation and service for large groups in settings such as hospitals, nursing homes, schools, colleges and universities, restaurants, the military or correctional facilities. Resource management, employee training, and food safety are critical functions for which these dietitians are responsible.
4. **Business and Industry:** communications media, product development, Marketing, public relations.
5. **Consultants:** manage their own practices, or contract their services to Health care facilities. Clients may be athletes, individuals attempting weight Loss programs, private physician referrals, corporate wellness programs, etc.
6. **Research:** conduct research in academic settings, medical centers, food and pharmaceutical companies, government agencies. Investigators can conduct “bench research” and metabolic studies in laboratory settings, or study clinical interventions in humans.
7. **Education:** teach in universities, colleges, technical schools/programs, and dietetic internships. Teaching opportunities are available in medical schools, nursing schools, and dental schools.

PATHWAY TO CREDENTIALING AND PROFESSIONAL PRACTICE
IN DIETETICS

- 1. Foundation Knowledge**
 - b) academic degree: minimum of Baccalaureate Degree or equivalent
 - c) verification of the completion of US accredited Didactic Program in Dietetics

- 2. Performance Requirements**

Supervised practice experiences in a DI program accredited by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association

- 3. Successful completion of the national registration examination** from the Commission on Dietetic Registration (CDR), allowing the designation, “Registered Dietitian” (RD).

- 4. Licensure**

Licensure is regulated at the state level, in those states having such legislation. The majority of states currently require licensure of dietitians.

- 5. Continuing Education**

Required for maintaining professional registration (R.D. status), and for updating/expanding practitioner knowledge and skills.

Appendix A

Case Western Reserve University (CWRU) Didactic Program in Dietetics (DPD) - Application Form

Dear Student,

We appreciate your interest in the DPD program. Please provide the information requested below. Students who meet the following criteria will be admitted into the DPD Program:

- 1) Grade of B or above in NTRN 201.
- 2) Grade of C or above in BIOL 214, and CHEM 105 and 106.
- 3) Overall cumulative GPA of at least 2.5 at the time of application.

Please note: No other factors will be used in the admission process. Students who do not meet these criteria, have the option of retaking one or more of the required courses, then reapply for admission into the DPD.

The Director will notify students of formal admission into the DPD.

If you already have a baccalaureate degree, and are interested in completing the DPD as a non-degree student or concurrent with a graduate degree in the Department of Nutrition, please provide the DPD Director with a copy of your college transcripts. The Director will note your performance in any equivalent courses and provide you with instructions as a prospective DPD student.

Student Information:

Student Name: _____ Email: _____
CWRU 7-digit ID#: _____

Major Information:

Year entered CASE: _____ Anticipated Graduation Date: _____
Department of Nutrition: Major program: _____ Major Advisor: _____

Course Prerequisites and Performance:

(Please list semester/year completed and grade)

NTRN 201: _____ / _____ (Grade = ____)
BIOL 214: _____ / _____ (Grade = ____)
CHEM 105: _____ / _____ (Grade = ____)
CHEM 106: _____ / _____ (Grade = ____)

- Overall cumulative GPA: _____

Please attach copy of your transcripts, showing above courses.

Appendix B

ADA Code of Ethics

Code of Ethics for the Profession of Dietetics as published in the January 1999 Journal of The American Dietetic Association

The American Dietetic Association and its Commission on Dietetic Registration have adopted a voluntary, enforceable code of ethics. This code, entitled the Code of Ethics for the Profession of Dietetics, challenges all members, registered dietitians, and dietetic technicians, registered, to uphold ethical principles. The enforcement process for the Code of Ethics establishes a fair system to deal with complaints about members and credentialed practitioners from peers or the public.

The first code of ethics was adopted by the House of Delegates in October 1982; enforcement began in 1985. The code applied to members of The American Dietetic Association only. A second code was adopted by the House of Delegates in October 1987 and applied to all members and Commission on Dietetic Registration credentialed practitioners. A third revision of the code was adopted by the House of Delegates on October 18, 1998, and enforced as of June 1, 1999, for all members and Commission on Dietetic Registration credentialed practitioners.

The Ethics Committee is responsible for reviewing, promoting, and enforcing the Code. The Committee also educates members, credentialed practitioners, students, and the public about the ethical principles contained in the Code. Support of the Code of Ethics by members and credentialed practitioners is vital to guiding the profession's actions and to strengthening its credibility.

Preamble

The American Dietetic Association and its credentialing agency, the Commission on Dietetic Registration, believe it is in the best interest of the profession and the public it serves to have a Code of Ethics in place that provides guidance to dietetics practitioners in their professional practice and conduct. Dietetics practitioners have voluntarily adopted a Code of Ethics to reflect the values and ethical principles guiding the dietetics profession and to outline commitments and obligations of the dietetics practitioner to client, society, self, and the profession.

The Ethics Code applies in its entirety to members of The American Dietetic Association who are Registered Dietitians (RDs) or Dietetic Technicians, Registered (DTRs). Except for sections solely dealing with the credential, the Code applies to all members of The American Dietetic Association who are not RDs or DTRs. Except for aspects solely dealing with membership, the Code applies to all RDs and DTRs who are not members of The American Dietetic Association. All of the aforementioned are referred to in the Code as "dietetics practitioners." By accepting membership in The American Dietetic Association and/or accepting and maintaining Commission on Dietetic Registration credentials, members of The American Dietetic Association and Commission on Dietetic Registration credentialed dietetics practitioners agree to abide by the Code.

Principles

1. The dietetics practitioner conducts himself/herself with honesty, integrity, and fairness.
2. The dietetics practitioner practices dietetics based on scientific principles and current information.
3. The dietetics practitioner presents substantiated information and interprets controversial information without personal bias, recognizing that legitimate differences of opinion exist.

4. The dietetics practitioner assumes responsibility and accountability for personal competence in practice, continually striving to increase professional knowledge and skills and to apply them in practice.
5. The dietetics practitioner recognizes and exercises professional judgment within the limits of his/her qualifications and collaborates with others, seeks counsel, or makes referrals as appropriate.
6. The dietetics practitioner provides sufficient information to enable clients and others to make their own informed decisions.
7. The dietetics practitioner protects confidential information and makes full disclosure about any limitations on his/her ability to guarantee full confidentiality.
8. The dietetics practitioner provides professional services with objectivity and with respect for the unique needs and values of individuals.
9. The dietetics practitioner provides professional services in a manner that is sensitive to cultural differences and does not discriminate against others on the basis of race, ethnicity, creed, religion, disability, sex, age, sexual orientation, or national origin.
10. The dietetics practitioner does not engage in sexual harassment in connection with professional practice.
11. The dietetics practitioner provides objective evaluations of performance for employees and coworkers, candidates for employment, students, professional association memberships, awards, or scholarships. The dietetics practitioner makes all reasonable effort to avoid bias in any kind of professional evaluation of others.
12. The dietetics practitioner is alert to situations that might cause a conflict of interest or have the appearance of a conflict. The dietetics practitioner provides full disclosure when a real or potential conflict of interest arises.
13. The dietetics practitioner who wishes to inform the public and colleagues of his/her services does so by using factual information. The dietetics practitioner does not advertise in a false or misleading manner.
14. The dietetics practitioner promotes or endorses products in a manner that is neither false nor misleading.
15. The dietetics practitioner permits the use of his/her name for the purpose of certifying that dietetics services have been rendered only if he/she has provided or supervised the provision of those services.
16. The dietetics practitioner accurately presents professional qualifications and credentials.
 - a. The dietetics practitioner uses Commission on Dietetic Registration awarded credentials ("RD" or "Registered Dietitian"; "DTR" or "Dietetic Technician, Registered"; "CSP" or "Certified Specialist in Pediatric Nutrition"; "CSR" or "Certified Specialist in Renal Nutrition"; and "FADA" or "Fellow of The American Dietetic Association") only when the credential is current and authorized by the Commission on Dietetic Registration. The dietetics practitioner provides accurate information and complies with all requirements of the Commission on Dietetic Registration program in which he/she is seeking initial or continued credentials from the Commission on Dietetic Registration.
 - b. The dietetics practitioner is subject to disciplinary action for aiding another person in violating any Commission on Dietetic Registration requirements or aiding another person in representing himself/herself as Commission on Dietetic Registration credentialed when he/she is not.
17. The dietetics practitioner withdraws from professional practice under the following circumstances:
 - a. The dietetics practitioner has engaged in any substance abuse that could affect his/her practice;
 - b. The dietetics practitioner has been adjudged by a court to be mentally incompetent;
 - c. The dietetics practitioner has an emotional or mental disability that affects his/her practice in a manner that could harm the client or others.
18. The dietetics practitioner complies with all applicable laws and regulations concerning the profession and is subject to disciplinary action under the following circumstances:
 - a. The dietetics practitioner has been convicted of a crime under the laws of the United States which is a felony or a misdemeanor, an essential element of which is dishonesty, and which is related to the practice of the profession.

- b. The dietetics practitioner has been disciplined by a state, and at least one of the grounds for the discipline is the same or substantially equivalent to these principles.
 - c. The dietetics practitioner has committed an act of misfeasance or malfeasance which is directly related to the practice of the profession as determined by a court of competent jurisdiction, a licensing board, or an agency of a governmental body.
19. The dietetics practitioner supports and promotes high standards of professional practice. The dietetics practitioner accepts the obligation to protect clients, the public, and the profession by upholding the Code of Ethics for the Profession of Dietetics and by reporting alleged violations of the Code through the defined review process of The American Dietetic Association and its credentialing agency, the Commission on Dietetic Registration.

You may access the ADA Code of Ethics online at:

http://www.eatright.org/cps/rde/xchg/ada/hs.xsl/governance_779_ENU_HTML.htm

Appendix C

UNDERGRADUATE NUTRITION MAJOR PROGRAMS

NUTRITION (NTR)

www.case.edu/med/nutrition/home.html

Academic Representative and Contact for First Year Students/Advisor:

Professor James Swain
School of Medicine – Room WG 48
216/ 368-8554
Email: jhs31@case.edu

Major (for B.A.) **Hours: 48-50**

- A. Required Nutrition Courses (20 hours): NTRN 201, 342, 343, 363, 364
- B. Required Nutrition Department Seminar/SAGES Capstone Courses (6 hours): NTRN 397, 398
- C. Nutrition Electives (6 hours): Two courses from NTRN 328, 351, 360, 365, 388, 390, 435, 437, 440, 452, 454, 455, 460
- D. Additional Required Courses (20-22 hours): BIOG 307, BIOL 214, BIOL 216 or 340 and 346, CHEM 105, 106, 223

Major (for B.S.) **Hours required for graduation: 120**

- A. Required Nutrition Courses (20 hours): NTRN 201, 342, 343, 363, 364
- B. Required Nutrition Department Seminar/SAGES Capstone Courses (6 hours): NTRN 397, 398
- C. Nutrition Electives (9-10 hours): Three courses from NTRN 328, 351, 360, 365, 371, 388, 390, 435, 437, 440, 452, 454, 455, 460
- D. Additional Required Courses (25-27 hours): BIOG 307, BIOL 214, BIOL 216 or 340 and 346
- E. CHEM 105, 106, 113, CHEM 223 (before NTRN 363); One course from STAT 201, 243, 312, 313, EPBI 431, ANTH 319, PSCL 282

Minor **Hours required: 15**

NTRN 201, 343 and depending on the student's interest and preparation, nine hours selected from:

NTRN 328, 342, 351, 360, 363, 364, 365, 388, 435, 437, 440, 452, 454, 455, 460

DIDACTIC PROGRAM in DIETETICS (DPD)

Students interested in a career as a dietetic professional are required to complete the Didactic Program in Dietetics, which can be done within any of the undergraduate degree programs in Nutrition. Completion of the DPD is a prerequisite to entering a dietetic internship (*see DPD requirements at end of Nutrition Department section – next page*).

NUTRITIONAL BIOCHEMISTRY AND METABOLISM (NBM)

www.case.edu/med/nutrition/home.html

Academic Representative and Contact for First Year Students/Advisor:

Professor Hope Barkoukis
School of Medicine – Room WG 48
216/ 368-2441
Email: hdb@case.edu

Major (for B.A.) **Hours: 78-79**

- A. Nutrition courses (**25 hours**)
 - 1. NTRN 201, 342, 363, 364, 452
 - 2. Required Nutrition Department Seminars/SAGES Capstone Courses (6 hours): NTRN 397, 398
 - 3. Nutrition Elective: Three hours at 300-level or above

- B. Additional required courses (**53-54 hours**)
BIOC 307, 334, BIOL 214, 215, BIOL 216 or 340 and 346, CHEM 105, 106, 113, 223 (or 323), 224 (or 324), 233, 234, MATH 125, 126 (or 121, 122), PHYS 115, 116 or equivalent

Major (for B.S.) **Hours required for graduation: 125**

- A. Nutrition courses (25 hours)
 - 1. NTRN 201, 342, 363, 364, 452
 - 2. Required Nutrition Department Seminar/SAGES Capstone Courses (6 hours):
NTRN 397, 398
 - 3. Nutrition Elective: 3 hours at 300-level or above

- B. Additional required courses (73 hours)
BIOC 307, 334, BIOL 214, 215, BIOL 216 or 340 and 346, CHEM 105, 106, 113, 223 (or 323), 233, 224 (or 324), 234, ENGR 131, MATH 121 (or 123), 122 (or 124), 223 (or 227), 224 (or 228), PHYS 121 (or 123) and 122 (or 124), 221 (or 223)

DIDACTIC PROGRAM IN DIETETICS (DPD)

Students interested in a career as a dietetic professional are required to complete the Didactic Program in Dietetics, which can be done within any of the undergraduate degree programs in Nutrition:

B.A. or B.S. in Nutritional Biochemistry and Metabolism.

Completion of the DPD is a prerequisite to entering a dietetic internship. The Didactic Program in Dietetics (DPD) at Case Western Reserve University is accredited by the Commission on Accreditation for Dietetics Education of the American Dietetic Association, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 800/877-1600 (www.eatright.org).

Students wishing to meet eligibility for dietetic registration should consult with Professor James Swain, School of Medicine room WG 48, 368-2440 (email: jhs31@case.edu). The following courses must be included in the program:

- BIOC 307
- BIOL 216 or 340 and 346
- BIOL 343
- CHEM 223
- ENGL 150 or SAGES Writing Portfolio
- EDUC 304 or PSCL 353 or PSCL 357
- NTRN 201, 342, 343, 351, 360, 363, 364, 365, and 550A or 528
- SOCI 101
- SOCI 311 or ANTH 215
- One of following courses: STAT 201, 243, 312, 313, EPBI 431, ANTH 319, or PSCL 282

Appendix D

DPD integrated - sample schedules for NTR and NBM – BA and BS – 4 total tracks:

For all DPD-Integrated undergraduate major programs, a total time of six years is allowed to complete the DPD Program.

NTR Major (for B.A.) **Hours: 48-50**

- A. Required Nutrition Courses (20 hours): NTRN 201, 342, 343, 363, 364
- B. Required Nutrition Department Seminar/SAGES Capstone Courses (6 hours): NTRN 397, 398
- C. Nutrition Electives (6 hours): Two courses from NTRN 328, 351, 360, 365, 388, 390, 435, 437, 440, 452, 454, 455, 460
- D. Additional Required Courses (20-22 hours): BIOC 307, BIOL 214, BIOL 216 or 340 and 346, CHEM 105, 106, 223

SAMPLE SCHEDULE FOR BA-NTR, INCLUDING DPD COURSES:

FRESHMAN YEAR

FALL:

CHEM 105
NTRN 201
SAGES 1st Seminar
PHED 101

SPRING:

CHEM 106
BIOL 214
PHED 102

SOPHOMORE YEAR

FALL:

ANTH 215
NTRN 342
CHEM 223
SAGES Univ. Seminar

SPRING:

BIOL 216
NTRN 343
SAGES Univ. Seminar
STAT 201

JUNIOR YEAR

FALL:

BIOC 307
EDUC 304
NTRN 528/550A
SOC 101

SPRING:

BIOL 343
NTRN 397
NTN 351 (DPD and counts as
Nutrition elective - 1)

SENIOR YEAR

FALL:

ENGL 150 (or SO yr) or SAGES
Writing Portfolio
NTRN 363
NTRN 398

SPRING:

NTRN 360 (DPD and counts as
Nutrition elective - 2)
NTRN 364
NTRN 365

Major (for B.S.) **Hours required for graduation: 120**

- A. Required Nutrition Courses (20 hours): NTRN 201, 342, 343, 363, 364
- B. Required Nutrition Department Seminar/SAGES Capstone Courses (6 hours): NTRN 397, 398
- C. Nutrition Electives (9-10 hours): Three courses from NTRN 328, 351, 360, 365, 371, 388, 390, 435, 437, 440, 452, 454, 455, 460
- D. Additional Required Courses (25-27 hours): BIOC 307, BIOL 214, BIOL 216 or 340 and 346, CHEM 105, 106, 113, CHEM 223 (before NTRN 363); One course from STAT 201, 243, 312, 313, EPBI 431, ANTH 319, PSCL 282

SAMPLE SCHEDULE FOR BS-NTR, INCLUDING DPD COURSES:

FRESHMAN YEAR

FALL:

CHEM 105
NTRN 201
SAGES 1st Seminar
PHED 101

SPRING:

CHEM 106
CHEM 113
BIOL 214
PHED 102

SOPHOMORE YEAR

FALL:

ANTH 215
NTRN 342
CHEM 223
SAGES Univ. Seminar

SPRING:

BIOL 216
NTRN 343
SAGES Univ. Seminar
STAT 201

JUNIOR YEAR

FALL:

BIOC 307
EDUC 304
NTRN 528/550A
SOCI 101

SPRING:

BIOL 343
NTRN 397
NTN 351 (DPD and counts as
Nutrition elective - 1)

SENIOR YEAR

FALL:

ENGL 150 (or SO yr) or SAGES
Writing Portfolio
NTRN 363
NTRN 398

SPRING:

NTRN 360 (DPD and counts as
Nutrition elective - 2)
NTRN 364
NTRN 365 (DPD and counts as
Nutrition elective - 3)

NBM Major (for B.A.) **Hours: 78-79**

A. Nutrition courses (25 hours)

1. NTRN 201, 342, 363, 364, 452
2. Required Nutrition Department Seminars/SAGES Capstone Courses (6 hours): NTRN 397, 398
3. Nutrition Elective: Three hours at 300-level or above

B. Additional required courses (53-54 hours)

BIOC 307, 334, BIOL 214, 215, BIOL 216 or 340 and 346, CHEM 105, 106, 113, 223 (or 323), 224 (or 324), 233, 234, MATH 125, 126 (or 121, 122), PHYS 115, 116 or equivalent

SAMPLE SCHEDULE FOR BA-NBM, INCLUDING DPD COURSES:

FRESHMAN YEAR

FALL:

CHEM 105
NTRN 201
MATH 125
SAGES 1st Seminar
PHED 101

SPRING:

CHEM 106
CHEM 113
BIOL 214
MATH 126
PHED 102

SOPHOMORE YEAR

FALL:

ANTH 215
BIOL 215
NTRN 342
CHEM 223
CHEM 233
SAGES Univ. Seminar

SPRING:

BIOL 216
CHEM 224
CHEM 234
NTRN 343
SAGES Univ. Seminar
STAT 201

JUNIOR YEAR

FALL:

BIOC 307
EDUC 304
NTRN 528/550A
PHYS 115
SOC 101

SPRING:

BIOL 343
NTRN 397
NTN 351 (DPD and counts as
Nutrition elective - 1)
PHYS 116

SENIOR YEAR

FALL:

BIOC 334
ENGL 150 (or SO yr) or SAGES
Writing Portfolio
NTRN 363
NTRN 398
NTRN 452

SPRING:

NTRN 360 (DPD and counts as
Nutrition elective - 2)
NTRN 364
NTRN 365 (DPD and counts as
Nutrition Elective - 3)

Major (for B.S.) **Hours required for graduation: 125**

A. Nutrition courses (25 hours)

1. NTRN 201, 342, 363, 364, 452
2. Required Nutrition Department Seminar/SAGES Capstone Courses (6 hours):
NTRN 397, 398
Nutrition Elective: 3 hours at 300-level or above

B. Additional required courses (73 hours)

BIOC 307, 334, BIOL 214, 215, BIOL 216 or 340 and 346, CHEM 105, 106, 113, 223 (or 323), 233, 224 (or 324), 234, ENGR 131, MATH 121 (or 123), 122 (or 124), 223 (or 227), 224 (or 228), PHYS 121 (or 123) and 122 (or 124), 221 (or 223)

SAMPLE SCHEDULE FOR BS-NBM, INCLUDING DPD COURSES:

FRESHMAN YEAR

FALL:

CHEM 105
NTRN 201
MATH 125
SAGES 1st Seminar
ENGR 131
PHED 101

SPRING:

CHEM 106
CHEM 113
BIOL 214
MATH 126
PHED 102

SOPHOMORE YEAR

FALL:

ANTH 215
BIOL 215
NTRN 342
CHEM 223
CHEM 233
SAGES Univ. Seminar

SPRING:

BIOL 216
CHEM 224
CHEM 234
NTRN 343
SAGES Univ. Seminar
STAT 201

JUNIOR YEAR

FALL:

BIOC 307
EDUC 304
NTRN 528/550A
MATH 223
PHYS 121
SOCI 101

SPRING:

BIOL 343
MATH 224
NTRN 397
NTN 351 (DPD and counts as
Nutrition elective - 1)
PHYS 122

SENIOR YEAR

FALL:

BIOC 334
ENGL 150 (or SO yr) or SAGES
Writing Portfolio
NTRN 363
NTRN 398
NTRN 452

SPRING:

NTRN 360 (DPD and counts as
Nutrition elective - 2)
NTRN 364
NTRN 365 (DPD and counts as
Nutrition Elective - 3)
PHYS 221

DPD COURSES (FOR REFERENCE):

- BIOC 307
- BIOL 216 (or 340 and 346)
- BIOL 343
- CHEM 223
- ENGL 150 (or SAGES Writing Portfolio)
- EDUC 304 or PSCL 353 or PSCL 357
- NTRN 201, 342, 343, 351, 360, 363, 364, 365, and 550A (or 528)
- SOCI 101
- SOCI 311 (or ANTH 215)
- *One of following courses:* STAT 201, 243, 312, 313, EPBI 431, ANTH 319, or PSCL 282

Appendix E

Student Signature Page

I have read and comprehend the information and DPD program requirements presented in the CWRU DPD Student Handbook. I agree to abide by the policies and procedures set forth in this handbook.

DPD Student Signature

Date

DPD Director

Date