

## College of Nursing

### Graduate Programs

The College of Nursing at the University of Toledo offers several graduate-level degree and certificate programs. DNP and MS degrees and academic certificates are offered. The Doctor of Nursing Practice Program (DNP) is designed to take current nationally certified advanced practice nurses and nurse administrators (nurse executives) to the highest level of clinical practice in order to meet the increasing complexities and challenges of the nation's health care environment. The degree program for the Master of Science in Nursing at The University of Toledo is designed to consider the student's past learning, personal and professional goals, and the insights and experiences gained through practice. The MSN degree prepares RNs with bachelor degrees as Advanced Practice Nurses or Nurse Educators.

#### Admission to Graduate Programs

##### Admission Requirements (DNP):

To be eligible for admission, applicants must have:

1. MSN/MS (Nursing) in advanced clinical practice or nursing administration from a CCNE or NLNAC accredited program.
2. Minimum grade point average of 3.3 on a 4.0 scale from master's degree.
3. Official transcripts from all academic institutions attended, one of which must state the MSN/MS (Nursing) earned.
4. Current national certification in advanced clinical practice in nursing or nursing administration/executive.
5. Active, unrestricted, unencumbered RN license for state where the student plans to conduct clinical experiences.
6. For Direct Care applicants, current state certification in an area of advanced practice where student plans to conduct clinical experiences.
7. Personal statement describing career goals, applied research interests, and expectations for doctoral study.
8. Current resume or CV.
9. Documented supervised clinical hours in applicant's master's program.
10. Three recommendations from professional sources (one from Faculty in Major or of concentration from master's program).
11. Face-to-face interview.

##### Admission Requirements (Masters - all except MSN-CNL):

To be eligible for admission, applicants must have:

1. Baccalaureate from an accredited college/university. Degree in nursing from a school that is accredited by a nationally recognized body for nursing accreditation.
2. Overall grade point average of 3.0 in undergraduate work.
3. Official transcripts from all academic institutions attended, one of which must state the baccalaureate earned.
4. Active, unrestricted, current unencumbered Ohio RN License.



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5. Completion of an undergraduate statistics course recommended.
6. Computer competency that includes word processing skills and ability to communicate electronically.
7. Personal statement describing career goals, future plans for employment, and expectations for graduate study.
8. Current resume or CV, listing current Ohio RN license number.
9. Two College of Nursing recommendation forms completed by professional sources (Master's in Nursing preferred).
10. The Graduate Record Examination (General Subject GRE) and TOEFL\* or IELTS\* are required for international applicants. \*Minimum required test scores:  
<http://www.utoledo.edu/graduate/prospectivestudents/admission/guidelines.html>
11. An interview, if requested.
12. Admission is competitive.
13. Students are required to authorize The University of Toledo to obtain criminal record checks (BCII & FBI) and are responsible for fingerprinting expenses. Students must declare and document misdemeanor and/or felony offenses that occur prior to admission to the nursing program and/or during program progression. In compliance with Ohio Revised Code 4723-7, convictions may result in denial of admission to the program or dismissal after matriculation.

#### Admission Requirements (Masters - MSN-CNL only):

To be eligible for admission, applicants must have:

1. Baccalaureate from an accredited college/university.
2. Overall grade point average of 3.0 in undergraduate work.
3. Official transcripts from all academic institutions attended, one of which must state the baccalaureate earned.
4. Completion of six semester credits of Human Anatomy and Physiology with a grade of "B" or better.
5. Completion of three semester credits of psychology.
6. Completion of three semester credits of social science.
7. Computer competency that includes word processing skills and ability to communicate electronically.
8. Personal statement describing career goals, future plans for employment, and expectations for graduate study.
9. Current resume or CV.
10. Two College of Nursing recommendation forms completed by professional sources.
11. The Graduate Record Examination (General Subject GRE) within the past five years TOEFL\* or IELTS\* are required for international applicants with results from the past 2 years. \*Minimum required test scores:  
<http://www.utoledo.edu/graduate/prospectivestudents/admission/guidelines.html>
12. An interview, if requested.
13. Admission is competitive.
14. Students are required to authorize The University of Toledo to obtain criminal record checks (BCII & FBI) and are responsible for fingerprinting expenses. Students must declare and document misdemeanor and/or felony offenses that occur prior to admission to the nursing program and/or during program progression. In compliance with Ohio Revised Code 4723-7, convictions may result in denial of admission to the program or dismissal after matriculation.

#### Admission Requirements (Certificates - except Nurse Educator)

1. Master's degree in nursing from a school that is accredited by a nationally recognized body for nursing education accreditation.
2. Overall grade point average of 3.0 in graduate work. Official transcripts from all academic institutions attended, one of which must state the Master's degree earned.
3. Active, unrestricted, current unencumbered Ohio RN License.
4. Computer competency that includes word processing skills and ability to communicate electronically.
5. Personal statement describing career goals, future plans for employment and expectations for graduate study.
6. Current resume or CV, listing current Ohio RN license number.
7. Two College of Nursing recommendation forms from professional sources (Master in Nursing preferred).
8. The Graduate Record Exam (General Subject GRE) and TOEFL\* or IELTS\* are required for international applicants.  
\*Minimum required test scores: <http://www.utoledo.edu/graduate/prospectivestudents/admission/guidelines.html>
9. Interview, if requested.
10. Admission is competitive.
11. Students are required to authorize The University of Toledo to obtain criminal record checks (BCII & FBI) and are responsible for fingerprinting expenses. Students must declare and document misdemeanor and/or felony offenses that occur prior to admission to the nursing program and/or during program progression. In compliance with Ohio Revised Code 4723-7, convictions may result in denial of admission to the program or dismissal after matriculation.

#### Admission Requirements (Nurse Educator Certificate)

1. Baccalaureate degree in nursing from a school that is accredited by a nationally recognized body for nursing education accreditation.
2. Overall grade point average of 3.0 in undergraduate work.
3. Official transcripts from all academic institutions attended, one of which must state the baccalaureate earned.
4. Active, unrestricted, current unencumbered RN License in the state in which the applicant practices
5. Computer competency that includes word processing skills and ability to communicate electronically.
6. Personal statement describing career goals, future plans for employment and expectations for graduate study.
7. Current resume or CV, listing current state and/or territory RN license number
8. Two College of Nursing recommendation forms from professional sources (Master in Nursing preferred).
9. The Graduate Record Exam (General Subject GRE) and TOEFL\* or IELTS\* are required for international applicants.  
\*Minimum required test scores: <http://www.utoledo.edu/graduate/prospectivestudents/admission/guidelines.html>
10. Interview, if requested.
11. Admission is competitive.
12. Students are required to authorize The University of Toledo to obtain criminal record checks (BCII & FBI) and are responsible for fingerprinting expenses. Students must declare and document misdemeanor and/or felony offenses that occur prior to admission to the nursing program and/or during program progression. In compliance with Ohio Revised Code 4723-7, convictions may result in denial of admission to the program or dismissal after matriculation.

Priority application deadlines are February 1 and October 1 for receipt of all application materials.

## Administration of Programs

All graduate programs in the College of Nursing are administered jointly by the college and the College of Graduate Studies of The University of Toledo. Students may contact specific departments, the college's graduate advisor, or the College of Graduate Studies for further information on programs or admission requirements.

## Advising

Students may contact Kathy Mitchell for initial advising at [kathleen.mitchell@utoledo.edu](mailto:kathleen.mitchell@utoledo.edu). Students must meet with their advisor for the purpose of developing a plan of study. It is the student's responsibility to meet all requirements for the degree as specified by the graduate program, the department, the College of Graduate Studies and the University of Toledo. Students are encouraged to complete the plan of study during the first semester of matriculation.

## Graduate Degrees Offered

<b>Doctor of Nursing Practice</b>	36 semester credits
<b>Master of Science in Nursing</b>	
Clinical Nurse Leader (CNL)	66 semester credits
Adult Nurse Practitioner/Clinical Nurse Specialist (ANP/CNS)	55 semester credits
Family Nurse Practitioner (FNP)	55 semester credits
Pediatric Nurse Practitioner (PNP)	51 semester credits
Psychiatric-Mental Health Clinical Nurse Specialist (PMH-CNS)	52 semester credits
Nurse Educator	40 semester credits
<b>Certificate Programs</b>	
Adult Nurse Practitioner Graduate Certificate Program (ANP-C)	22 semester credits plus prerequisites
• For Current Registered Nurses with a Master's Degree in Nursing	
Family Nurse Practitioner Graduate Certificate Program (FNP-C)	25 semester credits plus prerequisites
• For Current Registered Nurses with a Master's Degree in Nursing	
Pediatric Nurse Practitioner Graduate Certificate Program (PNP-C)	21 semester credits plus prerequisites
• For Current Registered Nurses with a Master's Degree in Nursing	
Psychiatric-Mental Health Clinical Nurse Specialist Graduate Certificate Program (PMH-CNS-C)	25 semester credits plus prerequisites
• For Current Registered Nurses with a Master's Degree in Nursing	
Nursing Education Certificate	11 semester credits

## Accreditation

The University of Toledo College of Nursing is approved by the Ohio Board of Nursing. Master's and Bachelor's Degree programs are nationally accredited by the Commission on Collegiate Nursing Education.

## Doctor of Nursing Practice: (DNP)

Established in 2007, the Doctor of Nursing Practice (DNP) program at The University of Toledo (UT) in collaboration with



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Wright State University (WSU) is designed to take currently nationally certified advanced practice nurses and nurse administrators (nurse executives) to the highest level of clinical practice in order to meet the increasing complexities and challenges of the nation's healthcare environment. The online, part-time DNP curriculum includes theoretical and clinical courses to prepare students to lead and develop innovative health care delivery in a variety of health care settings. In accordance with AACN specifications for 1000 academically supervised post-BSN clinical hours to earn a DNP degree, 520 hours of academically supervised advanced clinical practice are included in the program. Students are expected to have earned and documented 480 supervised clinical hours in their master's program.

Curriculum

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
Semester I - Fall		
NURS701	Scientific Basis of Nsg. Practice	3
Semester II - Spring		
NURS704	Applied Nursing Research	3
NURS706	Population Health	3
Semester III - Fall		
NURS702	Org & Systems Leadership (40 clinical hours)	3
NURS709	Project Seminar	3
Semester IV - Spring		
NURS707	Marketing & Entrepreneurial Activity in Complex Health Care	3
Semester V - Fall		
NURS708	Evidence Based Nursing Practice in Direct Care (80 clinical hours)	3
OR		
NURS718	Evidence Based Administration in Complex Health Systems (Indirect Care) (80 clinical hours)	3
Semester VI - Spring		
NURS703	Quality Mgmt & Performance Improvement in Health Care Organizations (40 clinical hours)	3
NURS705	Information and Technology in Nursing & Health Care Systems	3
Semester VII - Fall		
NURS710	Evidence Based Practice Project	3
Semester VIII - Spring		
NURS797	Capstone Practicum (Direct Care - 360 Clinical Hours)	6
OR		
NURS798	Capstone Practicum (Indirect Care - 360 Clinical Hours)	6
Total		36

**Master of Science in Nursing: Clinical Nurse Leader**

The Clinical Nurse Leader (CNL) major is a two-year, full-time course of study. The program is designed for the person who holds a bachelor's degree, who is not yet a registered nurse (RN), but who desires to become a RN. The curriculum includes theory classes prepared by the graduate faculty of the University of Toledo College of Nursing, as well as clinical experiences with patients in state-of-the-art health care facilities. The master's preparation positions graduates for immediate entry into exciting positions in



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hospitals or clinics, and also provides an opportunity to continue graduate study. Graduates may elect to pursue a certificate to enter advanced practice roles as a nurse practitioner or clinical nurse specialist, or they may decide to pursue a Doctor of Nursing Practice (DNP) degree or the Doctor of Philosophy (Ph.D.) degree.

Curriculum

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
Semester I - Fall		
NURS504	Health Assessment and the Nursing Process for Promoting Health	6
NURS505	Health Sciences I	3
NURS506	Professional Socialization I	3
NURS507	Therapeutic Communication Skills for Nurses	3
Semester II - Spring		
NURS514	Designing Nursing Systems to Promote Self-Care	6
NURS525	Health Sciences II	3
NURS567	Pharmacology	3
NURS516	Professional Socialization II	3
Semester III - Summer		
NURS524	Designing Nursing Systems for Compromised Health States	6
INDI600	Introduction to Biostatistical Methods	3
Semester IV - Fall		
NURS544	Population Focused Nursing Care	6
NURS607	Advanced Communication Skills and Group Dynamics	3
NURS591	Advanced Nursing Research	3
Semester V - Spring		
NURS554	Advanced Practicum in Nursing Systems Design	12
NURSXXX	Thesis, Comprehensive Exam or Field Experience	3
Total		66

**Master of Science in Nursing: Adult Nurse Practitioner/Clinical Nurse Specialist**

The Adult Nurse Practitioner/Clinical Nurse Specialist (ANP/CNS) major is a two-year, full-time course of study with part-time options. The program is designed to prepare advanced practice nurses to care for adults in a wide variety of settings. The curriculum features theoretically based and clinically focused courses and includes a minimum of 600 contact hours for clinical practice and selected laboratory experiences.

Curriculum

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
Semester I - Fall		
NURS540	Theoretical & Ethical Foundations of Nursing	3
NURS568	Advanced Physiology & Pathophysiology	3
NURS574	Advanced Health Assessment (4 lab hours/week)	4



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INDI600	Introduction to Biostatistical Methods	3
Semester II - Spring		
NURS569	Advanced Pharmacotherapeutics	3
NURS591	Advanced Nursing Research	3
NURS608	ANP/CNS I: Care of Adolescents and Adults (12 clinical hours/week)	7
Semester III - Fall		
NURS519	Advanced Interpersonal Interventions (4 lab hours/week)	3
NURS550	Family and Cultural Diversity Theories	3
NURS609	ANP/CNS II: Care of Women and Concepts of Wellness (12 clinical hours/week)	7
Semester IV - Spring		
NURS614	Advanced Practice Nurse: Roles & Issues	2
NURS610	ANP/CNS III: Care of Adults & Older Adults with a Specialty Focus (18 clinical hours/week)	8
NURS553	Public Policy and Health Care	3
CAPSTONE	Field Experience, Thesis or Comprehensive Exam	3
Total		55

**Master of Science in Nursing: Family Nurse Practitioner**

The Family Nurse Practitioner (FNP) major is a two-year, full-time course of study with part-time options. The curriculum is designed to prepare professional nurses for the FNP role in primary nursing care. The curriculum includes a minimum of 600 contact hours for clinical practice and selected laboratory experiences.

**Curriculum**

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
Semester I - Fall		
NURS540	Theoretical & Ethical Foundations of Nursing	3
NURS568	Advanced Physiology & Pathophysiology	3
NURS574	Advanced Health Assessment (4 lab hours/week)	4
INDI600	Introduction to Biostatistical Methods	3
Semester II - Spring		
NURS569	Advanced Pharmacotherapeutics	3
NURS591	Advanced Nursing Research	3
NURS621	FNP I: Adolescents and Adults (12 clinical hours/week)	7
Semester III - Fall		
NURS519	Advanced Interpersonal Interventions (4 lab hours/week)	3
NURS550	Family and Cultural Diversity Theories	3
NURS622	FNP II: Women and Children (12 clinical hours/week)	7
Semester IV - Spring		
NURS614	Advanced Practice Nurse: Roles & Issues	2
NURS623	FNP III: Adults & Older Adults (18 clinical hours/week)	8
NURS553	Public Policy & Health Care	3
CAPSTONE	Field Experience, Thesis or Comprehensive Exam	3

### Master of Science in Nursing: Pediatric Nurse Practitioner

The Pediatric Nurse Practitioner (PNP) major is a two-year, full-time course of study with part-time options. The program is designed to prepare advanced practice nurses to care for children in a wide variety of settings. The curriculum features theoretically based and clinically focused courses and includes a minimum of 500 contact hours for clinical practice and selected laboratory experiences. Students who desire full-time study should matriculate in fall of even numbered years.

#### Curriculum

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
Semester I - Fall		
NURS540	Theoretical & Ethical Foundations of Nursing	3
NURS568	Advanced Physiology & Pathophysiology	3
NURS574	Advanced Health Assessment (4 lab hours/week)	4
INDI600	Introduction to Biostatistical Methods	3
Semester II - Spring		
NURS569	Advanced Pharmacotherapeutics	3
NURS581	PNP I: Care of Children and Concepts of Wellness (12 clinical hours/week; odd years only)	6
NURS591	Advanced Nursing Research	3
Semester III - Fall		
NURS519	Advanced Interpersonal Interventions (4 lab hours/week)	3
NURS550	Family and Cultural Diversity Theories	3
NURS582	PNP II: Common Acute and Stable Chronic Illnesses (12 clinical hours/week; odd years only)	6
Semester IV - Spring		
NURS553	Public Policy and Health Care	3
NURS583	PNP III: Complex Chronic Illnesses or Disabilities (12 clinical hours/week; even years only)	6
NURS614	Advanced Practice Nurse: Roles & Issues	2
CAPSTONE	Field Experience, Thesis or Comprehensive Exam	3
Total		51

### Master of Science in Nursing: Psychiatric Mental Health Clinical Nurse Specialist

The Psychiatric-Mental Health Clinical Nurse Specialist (PMH-CNS) major is a two-year, full-time program with part-time options. The curriculum is designed to expand knowledge and prepare advanced practice nurses to work in a wide variety of community and hospital-based psychiatric settings. The curriculum includes theoretically based and clinically focused courses. Students who desire to study full time should matriculate in the fall of even numbered years.

#### Curriculum

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
Semester I - Fall		
NURS540	Theoretical & Ethical Foundations of Nursing	3



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NURS568	Advanced Physiology & Pathophysiology	3
NURS574	Advanced Health Assessment (4 lab hours/week)	4
NURS519	Advanced Interpersonal Interventions (4 lab hours/week)	3
Semester II - Spring		
INDI600	Introduction to Biostatistical Methods	3
NURS569	Advanced Pharmacotherapeutics	3
NURS509	PMHN I - odd years only (9 clinical hours/week)	5
NURS553	Public Policy and Health Care	3
Semester III - Fall		
NURS510	PMHN II - odd years only (12 clinical hours/week)	6
NURS550	Family & Cultural Diversity Theories	3
NURS591	Advanced Nursing Research	3
Semester IV - Spring		
NURS511	Practicum in PMH - even years only (18 clinical hours/week)	6
NURS614	Advanced Practice Nurse: Roles & Issues	2
NURS528	Theories of Addictive Behavior	2
CAPSTONE	Field Experience, Thesis or Comprehensive Exam	3
Total		52

**Master of Science in Nursing: Nurse Educator**

The Nurse Educator major is targeted for baccalaureate graduates with clinical nursing experience who want to become nursing faculty or staff educators. Graduates are envisioned as teachers of undergraduate nursing students in the classroom and clinical setting. This major focuses on: curriculum development, teaching-learning processes, classroom and clinical teaching strategies, and evaluation principles. The Nurse Educator major offers full-time and part-time options. Students who are seeking full time study should matriculate in the spring semester. The Nurse Educator Curriculum is offered via internet/WebCT for the full time student with campus experiences at selected times specified in the course schedule.

**Curriculum**

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
Semester I - Spring		
NURS672	Teaching, Learning and Evaluation in Nursing	4
NURS540	Theoretical & Ethical Foundations of Nursing	3
NURS568	Advanced Physiology & Pathophysiology	3
INDI600	Introduction to Biostatistical Methods	3
NURS553	Public Policy & Health Care	3
Semester II - Summer		
NURS671	Developing Instructional Programs in Nursing	3
NURS591	Advanced Nursing Research	3
NURS574	Advanced Health Assessment (4 lab hours/week)	4
Semester III - Fall		
NURS551	Advanced Clinical Seminar in Nursing (4 lab hours/week)	4
NURS519	Advanced Interpersonal Interventions	



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	(4 lab hours/week)	3
NURS673	Practicum and Seminar in Teaching	
	(9 practicum hours/week)	4
CAPSTONE	Field experience, thesis or comprehensive exam.	3
Total		40

**Graduate Certificate: Adult Nurse Practitioner**

The Adult Nurse Practitioner Graduate Certificate (ANP-C) program is offered to individuals who have completed a master's degree in nursing and who desire to obtain specialized knowledge to seek certification as an ANP. All of the courses award academic credit from The University of Toledo. Graduates of the program will be qualified to take national ANP certification examinations. The curriculum includes a minimum of 500 contact hours for clinical practice and laboratory experiences.

**Prerequisites**

**Fall Semester**

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
NURS568	Advanced Physiology & Pathophysiology*	3
NURS574	Advanced Health Assessment (4 lab hours/week)*	4

**Curriculum**

**Spring Semester**

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
NURS569	Advanced Pharmacotherapeutics	3
NURS603	ANP I: Care of Adolescents and Adults (12 clinical hours/week)	7

**Fall Semester**

NURS604	ANP II: Primary Care of Women (12 clinical hours/week)	6
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**Spring Semester**

NURS605	ANP III: Care of Adults and Older Adults (12 clinical hours/week)	6
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Total		22
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\*If the course was completed greater than 5 years prior to matriculation, the course must be repeated.

**Graduate Certificate: Family Nurse Practitioner**

The Family Nurse Practitioner Graduate Certificate (FNP-C) program is offered to individuals who have completed a master's degree in nursing and who desire to obtain specialized knowledge to seek certification as an FNP. Graduates of the program will be qualified to take national FNP certification examinations.

The program is offered in a four-semester, part-time option. The curriculum is designed to prepare professional nurses for the FNP role in primary nursing care. The curriculum includes a minimum of 600 contact hours for clinical practice and laboratory experiences.

**Prerequisites**



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Fall Semester

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
NURS568	Advanced Physiology & Pathophysiology*	3
NURS574	Advanced Health Assessment (4 lab hours/week)*	4

Curriculum

Spring Semester

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
NURS569	Advanced Pharmacotherapeutics	3
NURS621	FNP I: Adolescents and Adults (12 clinical hours/week)	7

Fall Semester

NURS622	FNP II: Women and Children (12 clinical hours/week)	7
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Spring Semester

NURS623	FNP III: Adults and Older Adults (18 clinical hours/week)	8
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Total		25
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\*If the course was completed greater than 5 years prior to matriculation, the course must be completed.

**Graduate Certificate: Pediatric Nurse Practitioner**

The Pediatric Nurse Practitioner Graduate Certificate (PNP-C) program is offered to individuals who have completed a master's degree in nursing and who desire to obtain specialized knowledge to seek certification as a PNP. All of the courses award academic credit from The University of Toledo. Graduates of the program will be qualified to take national PNP certification examinations. The curriculum includes a minimum of 500 contact hours for clinical practice and laboratory experiences.

Prerequisites

Fall Semester

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
NURS568	Advanced Physiology & Pathophysiology*	3
NURS574	Advanced Health Assessment (4 lab hours/week)*	4

Curriculum

Spring Semester - (odd years only)

<i>Course</i>	<i>Course Name</i>	<i>Credit Hours</i>
NURS569	Advanced Pharmacotherapeutics	3
NURS581	PNP I: Care of Children and Concepts of Wellness (12 clinical hours/week)	6

Fall Semester - (odd years only)

NURS582	PNP II: Common Acute and Stable Chronic Illnesses (12 clinical hours/week)	6
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Spring Semester - (even years only)

NURS583	PNP III: Complex Chronic Illnesses or Disabilities (12 clinical hours/week)	6
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Total		21
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\*If the course was completed greater than 5 years prior to matriculation, the course must be repeated.

### Graduate Certificate: Psychiatric-Mental Health Clinical Nurse Specialist

The Psychiatric Mental Health Clinical Nurse Specialist /Graduate Certificate (PMHN-CNS-C) program is offered to individuals who have completed a master's degree in nursing and who desire to obtain specialized knowledge to seek certification as an Adult Psychiatric and Mental Health CNS. All of the courses award academic credit from the The University of Toledo. Graduates of the program will be qualified to take national certification examinations. The curriculum includes a minimum of 500 contact hours for clinical practice and laboratory experiences. The PMH/CNS program is offered via internet/WebCT with visits at selected times specified in the course schedule.

#### Prerequisites

##### Fall Semester

Course	Course Name	Credit Hours
NURS568	Advanced Physiology & Pathophysiology*	3
NURS574	Advanced Health Assessment (4 lab hours/week)*	4

#### Curriculum

##### Spring Semester - (odd years only)

Course	Course Name	Credit Hours
NURS569	Advanced Pharmacotherapeutics	3
NURS509	PMHN I (9 clinical hours/week)	5
NURS528	Theories of Addictive Behaviors	2

##### Fall Semester - (odd years only)

NURS519	Advanced Interpersonal Intervention (4 lab hours/week)	3
NURS510	PMHN II (12 clinical hours/week)	6

##### Fall Semester - (even years only)

NURS511	PMHN III (18 clinical hours/week)	6
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Total		25
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\*If the course was completed greater than 5 years prior to matriculation, the course must be repeated.

### Graduate Certificate: Nursing Education

The knowledge and application of the principles of teaching and learning, program development, assessment, and the evaluation of learners is paramount for the role of the nurse as educator. All classes are conducted online.

The Nursing Education Certificate Program at The University of Toledo is designed to provide an opportunity for current and potential nurse educators in academic and healthcare settings to develop and refine the practice of teaching. Graduates of the program receive a certificate acknowledging successful completion of advanced preparation. This certificate depicts a commitment to the professional responsibility as an educator in a variety of healthcare settings.

#### Semester I - Spring

Course	Course Name	Credit Hours
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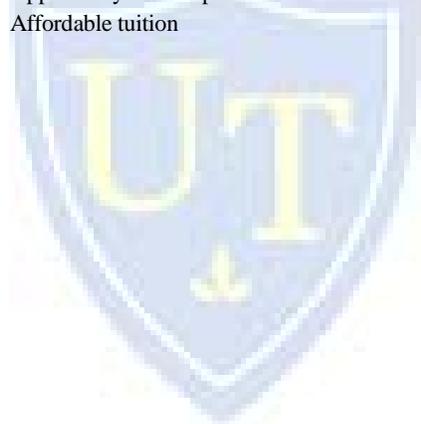
NURS672*	Teaching, Learning and Evaluation in Nursing	4
Semester II - Summer		
NURS671*	Developing Instructional Programs in Nursing	3
Semester III - Fall		
NURS673	Practicum and Seminar in Teaching (9 hours practicum/week)**	4
Total		11

\*NURS671 and NURS672 must be taken prior to enrolling in NURS673

\*\*In the practicum course, students are supervised by faculty and precepted by a master teacher. Students spend the equivalent of 9 hours per week in practicum experiences that are arranged in an educational setting in a locale chosen by students and faculty.

Unique Features

- Designed for adult learners with the convenience of online classes
- Faculty experts in education theory and practice
- Opportunity for completion within one calendar year
- Affordable tuition



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