Youngstown State University
Graduate Bulletin Supplement
2013–2014

Effective August 2013
Youngstown, Ohio
REAFFIRMATION OF POLICY

Youngstown State University reserves the right to change without notice any statement in this bulletin concerning, but not limited to, rules, policies, tuition, fees, curricula, and courses.

Youngstown State University is committed to a campus environment that values all individuals and groups and to non-discrimination and equal opportunity for all persons without regard to sex, race, religion, color, age, national origin, sexual orientation, gender identity and/or expression, handicap/disability or identification as a disabled and/or protected veteran. The University is also committed to the principles of affirmative action and acts in accordance with state and federal laws.

Inquiries should be addressed to Youngstown State University’s director of Equal Opportunity and Diversity, who is responsible for coordinating the University’s programs for compliance. Inquiries can be initiated in writing or by calling (330) 941-3370.
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Academic Calendar 2013-2014

Fall 2013

July 15 Mon.  Last day to apply for graduate admission
Aug. 20 Tues.  Open registration for current, reactivated former, transfer, transient, and graduate students ends
Aug. 21 Wed.  Fall term begins
Aug. 28 Wed.  Last day to add classes or change grading option
Sept. 2 Mon.  University closed—legal holiday (Labor Day)
Sept. 16 Mon.  Last day to apply for fall graduation
Oct. 26 Sat.  Last day to withdraw with a grade of W
Nov. 11 Mon.  University closed—legal holiday (Veteran’s Day)
Nov. 27 Wed.  No classes scheduled; University offices are open
Nov. 28 Thurs.  University closed—legal holiday (Thanksgiving)
Nov. 29 Fri.  University closed—legal holiday (Columbus Day observed)
Dec. 2 Mon.  Thanksgiving academic break ends
Dec. 9 Mon.  Final examinations begin
Dec. 9 Mon.  Deadline to submit theses to the School of Graduate Studies and Research
Dec. 15 Sun.  Fall term ends
Dec. 15 Sun.  Fall commencement
Mar. 1 Sat.  Last day to complete an “I” grade for Fall 2013

Spring 2014

Nov. 18 Mon.  Open registration for current, reactivated former, transfer, transient, and graduate students begins
Dec. 15 Sun.  Last day to apply for graduate admission
Dec. 24 Tues.  University closed—legal holiday (President’s Day observed)
Dec. 25 Wed.  University closed—legal holiday (Christmas Day)
Jan. 1 Wed.  University closed—legal holiday (New Year’s Day)
Jan. 10 Fri.  Open registration for current, reactivated former, transfer, transient, and graduate students ends
Jan. 13 Mon.  Spring term begins
Jan. 20 Mon.  University closed—legal holiday (Martin Luther King Day)
Jan. 21 Tues.  Last day to add classes or change grading option
Jan. 26 Sun.  Last day for full refund
Feb. 7 Fri.  Last day to apply for spring graduation
March 1 Sat.  Last day for completing an “I” grade for Fall 2013
March 10 Mon.  Spring Break begins
March 16 Sun.  Spring Break ends
March 27 Thurs.  Last day to withdraw with a grade of W
May 5 Mon.  Final examinations begin
May 11 Sun.  Spring term ends
May 17 Sat.  Spring commencement
Sept. 1 Mon.  Last day to complete an “I” grade for Spring 2014

Summer 2014

April 15 Tues.  Last day to apply for graduate admission
April 18 Fri.  Open registration for current, reactivated former, transfer, transient, and graduate students begins
May 16 Fri.  Open registration for current, reactivated former, transfer, transient, and graduate students ends
May 19 Mon.  Term begins: full term, first 6-week term
May 26 Mon.  University closed—legal holiday (Memorial Day)
May 27 Tues.  Last day to add classes (full term, first 6-week term)
June 1 Sun.  Last day for full refund (full term, first 6-week term)
June 12 Thurs.  Last day to withdraw with a grade of W (first 6-week term)
June 13 Fri.  Last day to apply for graduation
June 16 Mon.       Middle 6-week term begins
June 23 Mon.       Last day to add classes (middle 6-week term)
June 29 Sun.       Last day for full refund (middle 6-week term)
June 29 Sun.       First 6-week term ends
June 30 Mon.       Second 6-week term begins
July 4 Fri.        University closed—legal holiday (Independence Day)
July 7 Mon.        Last day to add classes (second 6-week term)
July 10 Thurs.     Last day to withdraw with a grade of W (full term)
July 13 Sun.       Last day for full refund (second 6-week term)
July 24 Thurs.     Last day to withdraw with a grade of W (second 6-week term)
July 27 Sun.       Middle 6-week term ends
Aug. 10 Sun.       Full term, second 6-week term end
Last Scheduled Class—Final Examinations
Aug. 16 Sat.       Commencement
Oct. 1 Wed.        Last day to complete an “I” grade for Summer 2014

FALL 2014

April 18 Fri.      Open registration for current, reactivated former, transfer, transient, and graduate students begins
July 15 Tues.      Last day to apply for graduate admission
Aug. 19 Tues.      Open registration for current, reactivated former, transfer, transient, and graduate students ends
Aug. 20 Wed.       Fall term begins
Aug. 27 Wed.       Last day to add classes or change grading option
Sept. 1 Mon.       Last day to complete an “I” grade for Spring 2014
Sept. 1 Mon.       University closed—legal holiday (Labor Day)
Sept. 2 Tues.      Last day for full refund
Sept. 15 Mon.      Last day to apply for graduation
Oct. 1 Wed.        Last day to complete an “I” grade for Summer 2014
Oct. 25 Sat.       Last day to withdraw with a grade of W
Nov. 11 Tues.      University closed—legal holiday (Veterans Day)
Nov. 26 Wed.       No classes scheduled; University offices are open
Nov. 27 Thurs.     University closed—legal holiday (Thanksgiving Day)
Nov. 28 Fri.       University closed—legal holiday (Columbus Day Observed)
Dec. 1 Mon.        Classes resume
Dec. 8 Mon.        Final examinations begin
Dec. 14 Sun.       Fall term ends
Dec. 14 Sun.       Commencement
March 1 Sun.       Last day to complete an “I” grade for Fall 2014
The School of Graduate Studies and Research

Other Regulations

Time Limit

The following statement is an addition to the Time Limit Policy on page 32 of the Graduate Bulletin 2012-2014. Allow courses approved upon entering a graduate program to remain active for the length of time the student remains current in their program.

International Student Admission

The following verification was made to the International Student Admission Policy on page 30 of the 2012-2014 Graduate Bulletin.

Proficiency may also be demonstrated by a minimum score of 77 on the Michigan English Language Assessment Battery (MELAB) administered by the English Language Institute, Ann Arbor, Michigan, or a letter of certification from the Youngstown State University English Language Institute stating that the applicant has completed the program of study and is proficient in English at a level appropriate to pursue a graduate degree and present an English language thesis if one is necessary as a degree requirement.

Degrees Granted

The following change was made to page 10 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

YSU grants the degrees of Doctor of Education, Doctor of Philosophy, Doctor of Physical Therapy, Master of Arts, Master of Business Administration, Master of Computing and Information Systems, Master of Fine Arts, Master of Health and Human Services, Master of Music, Master of Public Health, Master of Respiratory Care, Master of Science, Master of Science in Education, Master of Education/Educational Specialist, Master of Science in Engineering, Master of Science in Nursing, Master of Social Work, Bachelor of Arts, Bachelor of Engineering, Bachelor of Fine Arts, Bachelor of General Studies, Bachelor of Music, Bachelor of Science, Bachelor of Science in Applied Science, Bachelor of Science in Business Administration, Bachelor of Science in Education, Bachelor of Science in Nursing, Bachelor of Science in Respiratory Care, and Bachelor of Social Work. A broad selection of two-year programs leads to the degrees of Associate of Arts, Associate of Applied Science, Associate of Labor Studies, and Associate of Technical Study.

Admission Requirements

The following change was made to page 28 of the Graduate Bulletin 2012-2014. Change is noted with strikethrough.

Degree seeking students having an undergraduate GPA of 2.7 must present a satisfactory score on the general test of the Graduate Record Exam, the Miller Analogies Test, or graduate-level subject specific exam as specified by the department of the major.
# Student Fees, Charges, and Fines 2013–2014

## Tuition

**Instructional Fee**
- **Graduate students**
  - 1–11 credits: $376.07 per credit
  - 12–16 credits: $4,312.84 per semester
  - Over 16 credits: $376.07 per credit
- Master of Public Health program: $543.00 per credit
- Master of Fine Arts program: $331.00 per credit

**Graduate Workshops Special Rates**
- In-state participant: $138.33 per credit
- Regional service area participant: $148.33 per credit
- Nonregional service area participant: $148.33 per credit

**General Fee (all students)**
- 1–11 credits: $54.60 per credit
- 12–16 credits: $655.20 per semester
- Over 16 credits: $50.34 per credit

**Information Services Fee (all students)**
- 1–11 credits: $9.54 per credit
- 12–16 credits: $114.48 per semester
- Over 16 credits: $9.54 per credit

**Nonresident Tuition Surcharge**
- Affordable Tuition Advantage Area
  - Graduate students
    - 1–11 credits: $10.00 per credit
    - 12–16 credits: $120.00 per semester
    - Over 16 credits: $10.00 per credit

**Housing Charges**

- Room and Board: $8,475 per academic year
  - To be paid as follows:
    - Fall semester: $4,237.50
    - Spring semester: $4,237.50

- Single Room Surcharge: $875.00 per semester
- Security Deposit (Paid First Semester): $200.00
# Special Purpose Fees and Service Charges

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application fee, graduate</td>
<td>$40.00</td>
</tr>
<tr>
<td>Background check fee</td>
<td>$28.00</td>
</tr>
<tr>
<td>Beeghly College of Education Regional Delivery Fee (per credit hour)</td>
<td></td>
</tr>
<tr>
<td>Level 1</td>
<td>$10.00</td>
</tr>
<tr>
<td>Level 2</td>
<td>$20.00</td>
</tr>
<tr>
<td>Level 3</td>
<td>$35.00</td>
</tr>
<tr>
<td>Level 4</td>
<td>$60.00</td>
</tr>
<tr>
<td>Level 5</td>
<td>$75.00</td>
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<tr>
<td>Level 6</td>
<td>$100.00</td>
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<tr>
<td>Level 7</td>
<td>$125.00</td>
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<tr>
<td>Level 8</td>
<td>$160.00</td>
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<tr>
<td>Bookstore Textbook Rental Fees:</td>
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<tr>
<td>Late Return Fee</td>
<td>$35</td>
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<tr>
<td>Replacement Fee — Retail price less rental fee paid</td>
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</tr>
<tr>
<td>Check replacement fee</td>
<td>$25.00</td>
</tr>
<tr>
<td>Child preschool laboratory fee</td>
<td>$150.00 per semester</td>
</tr>
<tr>
<td>Credit Card Convenience Fee (student accounts only)</td>
<td>2.75%</td>
</tr>
<tr>
<td>Duplicate diploma fee</td>
<td>$40.00</td>
</tr>
<tr>
<td>Graduation fee</td>
<td>$65.00</td>
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<tr>
<td>Fingerprinting fee (web check)</td>
<td>$37.00</td>
</tr>
<tr>
<td>ID replacement fee</td>
<td>$25.00</td>
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<tr>
<td>Immunization Fees: Call Student Health Services at 330-941-3489</td>
<td></td>
</tr>
<tr>
<td>International graduate student credentials fee</td>
<td>$45.00</td>
</tr>
<tr>
<td>Technology/laboratory materials fee</td>
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</tr>
<tr>
<td>Level 1</td>
<td>$35.00 per course</td>
</tr>
<tr>
<td>Level 2</td>
<td>$50.00 per course</td>
</tr>
<tr>
<td>Level 3</td>
<td>$65.00 per course</td>
</tr>
<tr>
<td>Level 7</td>
<td>$20.00 per course</td>
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<tr>
<td>Level 8</td>
<td>$85.00 per course</td>
</tr>
<tr>
<td>Level 9</td>
<td>$25.00 per course</td>
</tr>
<tr>
<td>Level 10</td>
<td>$200.00 per course</td>
</tr>
<tr>
<td>Level 11</td>
<td>$350.00</td>
</tr>
<tr>
<td>Level 12</td>
<td>$300.00</td>
</tr>
<tr>
<td>Gross anatomy</td>
<td>$187.00 per course</td>
</tr>
<tr>
<td>Late application for graduation (after third week of the semester)</td>
<td>$38.50</td>
</tr>
<tr>
<td>Late class add fee</td>
<td>$50.00 per course</td>
</tr>
<tr>
<td>Late payment fee</td>
<td>$50.00</td>
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<tr>
<td>Late registration fee</td>
<td>$75.00</td>
</tr>
<tr>
<td>MBA Program Fee—Williamson College of Business Administration</td>
<td>$40.00 per semester hour</td>
</tr>
<tr>
<td>Parking without permit</td>
<td>$5.00 per day</td>
</tr>
<tr>
<td>Payment Plan Enrollment Fee</td>
<td>$25.00 per semester</td>
</tr>
<tr>
<td>PC Data Recovery Service Fee</td>
<td>$100.00</td>
</tr>
<tr>
<td>PC Remediation Service Fee</td>
<td>$75.00</td>
</tr>
<tr>
<td>Peace Officer Training Academy fee</td>
<td>$300.00 per semester</td>
</tr>
<tr>
<td>Performance music (plus tuition)</td>
<td>$75.00 per credit</td>
</tr>
<tr>
<td>Physical Therapy doctoral acceptance deposit</td>
<td>$500.00</td>
</tr>
<tr>
<td>Proficiency examination</td>
<td>$45.00 per course</td>
</tr>
<tr>
<td>Returned check or credit card charge</td>
<td>$30.00</td>
</tr>
<tr>
<td>Rich Autism Center preschool program</td>
<td>$125.00 per week</td>
</tr>
<tr>
<td>Student health insurance**</td>
<td></td>
</tr>
<tr>
<td>Student locker rental (paid at Kilcawley Center)</td>
<td>$25.00 per year</td>
</tr>
<tr>
<td>Testing fee—MAT</td>
<td>$75.00</td>
</tr>
<tr>
<td>Thesis binding</td>
<td>$25.00</td>
</tr>
<tr>
<td>Transcript fee</td>
<td>$6.00</td>
</tr>
<tr>
<td>Transcript rush fee (same day, in person, or U.S. mail)</td>
<td>$12.00</td>
</tr>
<tr>
<td>Transcript rush fee (overnight express)</td>
<td>$33.00</td>
</tr>
<tr>
<td>Transportation Fee</td>
<td>$58.00 summer term only</td>
</tr>
</tbody>
</table>
** Current health insurance prices are available at http://healthclinic.ysu.edu, or at the Student Health Clinic in Kilcawley House.

**FINES**

Library & Curriculum Resource Center

Overdue charges and loan periods differ by type of materials:

Most Library Books, CDs, Videos: No daily fines. At (15) days past due: $10.00 processing fee plus the item replacement cost.

OhioLINK Materials: Fine $0.50 per day to a maximum of $15.00, plus a $35.00 processing fee and $75.00 item replacement cost.

Reserves, MMC All Other, CRC Non-Print: $0.55 per hour/day to a maximum of $11.00, plus a $10.00 processing fee and the item replacement cost.

More information is available at http://www.maag.ysu.edu/service/circulation/circulation.html#loan

Parking Violations

Class I—Minor Violations
First offense $25.00
Second offense $30.00
Third offense $35.00

Class II—Major Violations
Class III—Legal Violations

$100.00
$150.00

More information available at http://www.ysu.edu/parking-violations.shtml

*The University reserves the right to change any fee without notice.*
Payment of Tuition and Fees

Student accounts are billed each semester. Tuition statements are sent out electronically, and an e-mail is sent each time a bill is issued. Current account information—including charges, payments, and refund amounts—is available online via the MyYSU Portal. Tuition statements may also be printed from this site.

Students are expected to have their student accounts in a paid status prior to attending the first class meeting for a term. In order to have a student account in a ‘paid status’, students must be either paid in full for the term, or officially signed up and paid the first payment on the approved payment plan. Late and/or partial payments are subject to late payment fee assessment. You are strongly encouraged to pay your bill online. You may also make payment in person at the payment windows on the second floor of Meshel Hall, via the payment drop box also located on the second floor of Meshel Hall, or by mail to the Office of Student Accounts (One University Plaza, Youngstown, OH 44555). You may pay by check (made payable to Youngstown State University) or with Visa, MasterCard, American Express, or Discover. Effective July 1, 2012 there is a 2.75% convenience fee for payments made by credit card. If you deliver a check in person, mail it, or place it in the payment drop box, you authorize us to convert that check to an electronic Automated Clearing House (ACH) transaction. That check will then appear on your monthly bank statement as an Electronic Debit. If you do not wish to have your paper check converted to an ACH, you must present it in person, or select an alternative payment method (for instance, credit card).

A payment plan is also available that will allow you to spread your payments out over a longer period. Payment plan enrollment must be processed online and requires an initial payment at the time of enrollment. There is a fee for enrollment in the payment plan, and late payments are subject to late payment fee assessment.

Students are solely responsible for timely payment of their tuition and fees. In the event that the account becomes past due, the University reserves the right to withhold services (e.g., transcripts, diplomas, registration) until the past-due balance is paid in full. If full payment cannot be obtained, then the delinquent balance must be turned over to the Ohio Attorney General’s Collection Enforcement Office for collection and it will be reported to the Credit Bureau. Once an account becomes delinquent, the student will be required to pay in advance of registering for subsequent terms. An account turned over to the Attorney General will incur interest and collection expenses which must be paid before any of the adverse sanctions can be removed.

Your enrollment at the University creates a contract between you and YSU. If you choose not to attend the University, you must officially withdraw from all courses by the 14th day to receive 100% refund or reduction of charges (see refund policy on page 44). All days of the week are counted, including weekends and holidays, to determine the 14th day. Please be advised that all University offices are not open on weekends and holidays; thus, online withdrawal may be required.

If you decide to withdraw from the University once you have enrolled, you must access the registration functions through the MyYSU Portal (www.ysu.edu).

Fees

Tuition

The sum of the graduate instructional fee, the general fee, and the information services fee constitutes tuition.

Graduate Instructional Fee

This fee is assessed of all students each semester. The rate is per academic semester hour of credit of registration. This fee supplements the state subsidy and is revenue of the University’s Educational General Fund.

General Fee

This fee is also assessed of all students each semester; the rate depends upon the number of credits for which the student is registering. This fee is for noninstructional services, such as Kilcawley Center, intercollegiate athletics, intramural sports, performing artists and lecture programs, Student Government, and Career Services.

Auditing Courses

Students may audit courses (i.e., register to take a course without receiving credit). The fees are the same as if the course were taken for credit.

Nonresident Tuition Surcharge
As noted above, all students pay the instructional fee, the general fee, and the information services fee. Those students who are not legal residents of Ohio must pay a surcharge in addition. Students who are residents of the Affordable Tuition Advantage area pay a lesser surcharge than do students who are legal residents of other states and/or areas. The Affordable Tuition Advantage area includes the counties of Chautauqua, New York; and Allegheny, Armstrong, Beaver, Butler, Clarion, Crawford, Erie, Fayette, Forest, Greene, Indiana, Jefferson, Lawrence, Mercer, Venango, Warren, Washington, and Westmoreland counties in Pennsylvania; and Brooke, Hancock, Marshall, and Ohio counties in West Virginia.

**Performance Music Fee**

This fee is in addition to the regular instructional fee. It is assessed to students taking music lessons and applied on a per-credit basis.

**Information Services Fee**

This fee is charged to all students each term and is applied on a per-credit basis to provide information technology infrastructure and services across campus, including the new Student Information Systems, wireless connectivity, classroom technology, and a continuous strengthening and securing of the computing and networking environment. It provides support for technology enhancements and initiatives contained within the IT Master Plan, supporting the vision to keep pace with an evolving, interactive, student-centered and collaborative electronic learning environment.

**Technology/Laboratory Materials Fee**

This fee is designed to partially offset expenses associated with courses that make use of supplies, equipment, or personnel support beyond that associated with typical lecture courses. Examples include chemical supplies, engineering equipment, computers and software, and laboratory monitors.

**Beeghly College of Education Regional Delivery Fee**

This fee is applied to off-campus graduate programs offered by the Beeghly College of Education. It supports coordination and effective delivery of the off-campus program, recruitment and professional development of instructors, and/or customization of programs to meet the needs of working professionals.

**Other Fees**

**Application Fee**

A nonrefundable application fee must accompany the initial application for admission to the School of Graduate Studies and Research.

**Graduation Fee**

This nonrefundable fee is assessed when students apply to graduate to cover costs associated with graduation. If a student delays graduation and has paid the fee, the payment remains valid for the two academic terms following the term of application.

**Late Application for Graduation Fee**

There is a fee charged for late application for graduation to anyone who applies after the third week of the semester.

**Late Registration Fee**

A fee is charged to a currently enrolled student who fails to register for the next term at the assigned time.

**MBA Program Fee**

This fee will support college-level enhancement activities and value-added MBA Program initiatives, services, and activities.
PC DATA RECOVERY SERVICE FEE

A fee will be assessed to attempt to recover data and/or transfer data that was successfully recovered onto a media device provided by the student, i.e. Flash Drive, Hard Drive, or DVD. No fee will be assessed unless some or all of the data is recovered. Note: If it is necessary to remove the hard drive from the PC in order to recover data, the Tech Desk will NOT be able to perform the service, and no fee will be charged to the student.

PC REMEDIATION SERVICE FEE

A fee will be assessed for removal of all Spyware and Viruses from the PC and for installing the most current updates to applications and the operating system to help reduce the risk of future attacks. The first two PC remediation services are provided free of charge to current YSU students, and the fee only applies to remediation performed beyond the first two free services.

PROFICIENCY EXAMINATION FEE

A fee is charged for an examination provided by an academic department to determine a student’s proficiency for some reason other than assignment of academic credit.

TRANSPORTATION FEE

This fee is charged to all students each term registered for 6 or more credit hours in courses designated as on-campus. This fee will allow students to receive a parking permit (at no additional charge). Students must request the permit via MyYSU portal; the permit will give them unlimited access to shuttle service and admission into designated parking areas. The transportation fee supports the operating and maintenance costs of campus parking facilities, roadways and sidewalks, as well as student shuttle service. The fee does not guarantee an available space in any particular lot. Some facilities are restricted (e.g. for students only, for faculty and staff only, or resident hall residents only). The current Driving and Parking Regulations pamphlet and parking lot map should be consulted. The transportation fee is refundable only if the student has less than 6 credit hours (in courses designated as on-campus courses) by the last day of the 100% tuition refund period AND they return the permit access card and validation sticker within five days of either the withdrawal date or the last date of the 100% tuition refund period-whichever is earlier. The transportation fee is non-refundable after the 100% tuition refund period and cannot be appealed.

Optional Parking Fee

This fee is optional each term for students registered for less than 6 credit hours in courses designated as on-campus. This fee is charged, upon request of the parking permit via MyYSU portal – and will appear on students’ accounts as a ‘parking fee’. The ‘optional’ fee and parking permit, will also allow the student to have unlimited access to shuttle service. Students requesting the parking permit after the 14th day of the term will not have the permit issued or shuttle services made available until payment of the fee. The fee supports the operating and maintenance costs of campus parking facilities, roadways and sidewalks, as well as student shuttle service. The fee does not guarantee an available space in any particular lot. Some facilities are restricted (e.g. for students only, for faculty and staff only, or resident hall residents only). The current Driving and Parking Regulations pamphlet and parking lot map should be consulted. The fee is refundable only if the student returns the permit access card, validation sticker, and has less than 6 credit hours in courses designated as on-campus within five days of either the withdrawal date or the last date of the 100% tuition refund period-whichever is earlier. This fee is non-refundable after the 100% tuition refund period and cannot be appealed.

A daily fee is charged anyone without a permit who wishes to park in facilities designated for cash business. Persons other than employees and students who are on campus for a short period of time to conduct business may park in one of the visitors’ lots if space is available.

SERVICE CHARGES

CHECK REPLACEMENT FEE

A nonrefundable fee is charged for each request to have a student refund check replaced.

HOUSING CHARGE
University housing is available for the academic year and summer terms. The academic year contract includes the fall and Spring terms. Charges are billed each semester. The housing contract includes room and a flexible meal plan. A security deposit is required. Payment and refunds are as scheduled in the housing contract. Meal tickets are also available for students who are not residents of University-owned housing.

**IDENTIFICATION CARD REPLACEMENT CHARGE**

A charge is made for replacement of an ID.

**RETURNED CHECK OR CREDIT CARD CHARGE**

A charge is made to anyone whose check, ACH, or charge card is returned unpaid by the bank. Any late payment fee applicable is also assessed. Failure to pay billing of return check, ACH and/or charge within six days and/or a second check, ACH, or charge return will result in the University's refusal to accept this type of payment at any of its collection points and may subject the student to financial suspension for the term.

**STUDENT LOCKER CHARGE**

A limited number of lockers are available in various buildings for the convenience of commuting students. Payment and assignments are made at the Kilcawley Information Center.

**THESIS BINDING CHARGE**

A charge is made for each copy of a thesis or dissertation bound by the Maag Library.

**TRANSCRIPT OF CREDITS CHARGE**

There is a charge for normal transcript processing requests, rush, or overnight requests issued by the Office of Records. Transcripts will not be issued for students or alumni with outstanding debts owed the University. Only a student may order a transcript, however, students are cautioned that most graduate and professional schools as well as many employers accept transcripts only if sent directly by the University.

**FINES**

**LIBRARY FINES**

Fines are assessed for failure to return books on time as stipulated or for the unauthorized removal of a reserved book. Willful damage or defacement of library materials or other property is a violation of state law and is punished as such.

**PARKING VIOLATION FINE**

Parking without a permit, parking in such a manner as to impede regular traffic flow, occupancy of more than one identified space (assuming lines are not obscured), and other offenses as identified in the Driving and Parking Regulations pamphlet will result in a citation issued to the student responsible for the vehicle (e.g., student driving parents’ car). Payment of a fine removes the citation. Vehicles may be towed in certain cases. See Driving and Parking Regulations for detailed information.
Reduction/Refund of Fee Charges Upon Withdrawal

To withdraw from a single course or all courses (complete withdrawal), it is necessary to process a change of registration through BANNER online via the MyYSU Portal—Registration. It is the student’s responsibility to confirm that the withdrawal was correctly processed and the course(s) is/are deleted. Nonattendance of class, or notification to the instructor or department, does not constitute official withdrawal.

Effective Summer 2009, if a student is permitted to withdraw from the University or if a student reduces his or her academic load, a refund of the tuition charge, and the nonresident tuition surcharge (if applicable), shall be made in conformity with the following schedule for regularly scheduled courses:

<table>
<thead>
<tr>
<th>Length of course</th>
<th>100% refund</th>
<th>No reduction of charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 weeks or more</td>
<td>thru the 14th day*</td>
<td>15th day and later</td>
</tr>
<tr>
<td>Less than 6 weeks</td>
<td>15% of course</td>
<td>more than 15% of course</td>
</tr>
</tbody>
</table>

Note: Because access to change of registration is now available online 24/7, every day of the week is counted (including weekends and holidays) when calculating tuition refunds.

Note: For a complete withdrawal from any term, all applicable fees, fines, and penalties will be deducted from any refunds. If fees were paid by scholarship, loan, or grant-in-aid, the appropriate credit will be issued to the fund from which the initial payment was made. Student accounts paid with financial aid awards may be subject to a financial aid repayment. No refunds will be issued until after the 14th day of the term.

If a withdrawal is after the prescribed time limits (as indicated above), all tuition and other applicable fees and charges are forfeited. All applicable fees, fines, and penalties due must be paid before the refund is paid.

Application for Involuntary Withdrawal

If a student withdraws for reasons beyond his or her control (e.g., illness, military service, job transfer, or shift change imposed by the employer that creates a direct conflict with the class schedule), the fee charges may be reduced in direct proportion to the number of weeks in attendance. An application for involuntary withdrawal can only be processed for courses in which the student has already received a grade of W (withdrawn). The aforementioned applications will only be considered for semesters falling within the immediately preceding year (three semesters). Appeals pertaining to semesters beyond this one-year time limit will not be accepted. All applications for involuntary withdrawal must be documented and are processed only by mail on forms provided by the Office of Student Accounts and Accounts Receivable. Address such correspondence to the Fees and Charges Appeals Board, c/o Office of Students Account and Accounts Receivable, Youngstown State University, One University Plaza, Youngstown, OH 44555. The decision of the Board is final and not subject to re-appeal.

* Because access to change of registration is now available online 24/7, every day of the week is counted (including weekends and holidays) when calculating tuition refunds.
Graduate Programs

Master of Arts in Gerontology

Program Director

Daniel J. Van Dussen, Ph.D.
440 DeBartolo Hall
(330) 941-1683
djvandussen@ysu.edu

Program Description

The curriculum is designed from an interdisciplinary perspective of gerontology with a focus on epidemiology and health. This program will provide students with advanced education in issues facing older adults, for the purpose of preparing them for advancement in the field of gerontology. The program allows for a Thesis or a Non-Thesis track based upon the students’ desires and goals. The program consists of 42 semester hours, which may be completed in four semesters of full-time coursework or six semesters part time.

Faculty Research Interests

William Binning, Ph.D., Interim Chair and Professor Emeritus of Political Science
State health policy for the aged

Julie Blaskewicz Boron, Ph.D., Assistant Professor in the Psychology Department
Cognitive aging, cognitive change, emotion, personality, and cognitive interventions.

Suzanne M. Leson, Ph.D., Assistant Professor in Human Ecology, Food and Nutrition, and Director of the Coordinated Program in Dietetics
Gerontology education of healthcare and service professionals working with older adults, long-term care culture change, and food systems management in skilled nursing facilities.

Min Li, Ph.D., Assistant Professor in the Department of Sociology, Anthropology and Gerontology
Medical sociology, social gerontology and social epidemiology.

Nicky Newton, Ph.D., Assistant Professor in the Psychology Department
Personality psychology, gender differences in adult development with an emphasis on social roles and health and well-being outcomes.

Lee Slivinske, Ph.D., Professor in the Department of Social Work and Coordinator of the Nursing Home Administration Program
Evaluating the effectiveness of the Trumbull County Protective and Advocacy Network.

Daniel J. Van Dussen, Ph.D., Associate Professor and Director in Gerontology
Social and psychological determinants of health among older adults, the family, social support, statistics and methods.

Amy Weaver, MSN, Instructor of Nursing
Simulation, debriefing, and gerontology.

Admission Requirements

In addition to the minimum criteria set by the School of Graduate Studies and Research, applicants must meet the following requirements for full admission:

1) An unrecalculated Grade Point Average of at least 3.0 (on a 4.0 scale).
2) A satisfactory score on the Graduate Record Examination (GRE).
3) Three (3) letters of recommendation from individuals familiar with the students’ academic or professional background.
4) A letter of intent stating their objectives for seeking a Master’s Degree in Gerontology and how this program will help them fulfill their goals.
5) A personal interview is optional.
6) A Resume or Curriculum Vitae.
7) A social statistics course at the undergraduate or graduate level.
8) A minimum of 9 credit hours of aging related coursework at the undergraduate or graduate level.

DEGREE REQUIREMENTS

The Master of Arts in Gerontology will consist of 12 courses (36 credit hours) which can be completed over a 2 academic year period.

COURSEWORK

Core Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERO 6905</td>
<td>Social Gerontology</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>GERO 6915</td>
<td>Service Delivery and Aging/Policy</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>PSYCH 6957</td>
<td>Adult Development</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>GERO 6906</td>
<td>Perspectives in Gerontology</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>GERO 6960</td>
<td>Epidemiology of Aging</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>GERO 6999</td>
<td>Research Methods</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>GERONURS 6998</td>
<td>Anatomy and Physiology of Aging</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>GERO 7000</td>
<td>Advanced Multivariate Statistics</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>GERO 7090</td>
<td>Field Practicum</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>GERO 7094</td>
<td>Selected Topics</td>
<td>3 s.h.</td>
</tr>
</tbody>
</table>

Thesis vs. Non-Thesis Track

Students may choose to do a thesis
OR
Three additional hours in field practicum
AND
One additional elective for the non-thesis track. The non-thesis track is designed for those who are less likely to continue for a Ph.D.

Elective courses (choose 12 s.h.):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH/GERO 6959</td>
<td>Behavior Change, Intervention, and Aging</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>GERO 7001</td>
<td>Long-Term Care</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>SCWK 7006</td>
<td>Social Work in Aging</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>PSYCH/GERO 7011</td>
<td>Mental Health and Aging</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>GERO 7099</td>
<td>Thesis</td>
<td>6 s.h.</td>
</tr>
<tr>
<td>GERO 7090</td>
<td>Field Practicum</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>GERO 7094</td>
<td>Selected Topics in Gerontology</td>
<td>3 s.h.</td>
</tr>
</tbody>
</table>

Note: Students will be required to take one special topics class and can take an additional class as an elective. We will schedule at least one special topics class per academic year. This gives students the opportunity to plan when they want to take this course based upon their professional goals.
The following are changes to page 77 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

Regular admission will be granted to those students who:

a. Hold a bachelor’s degree from an accredited college or university
b. Have earned an undergraduate unrecalculated grade-point average of at least 2.75 on a 4.0 scale
c. Have a minimum of 16 credit hours of study in the field of history
d. Have submitted a score on the Graduate Record Examination
e. Have submitted a graded academic writing assignment from a class
f. The above will be compiled and a score of at least 350 points must be achieved from the following calculation: Undergraduate GPA multiplied by 100, plus percentile scores from the verbal and written-essay sections of the GRE. Thus, a student with an undergraduate GPA of 3.25, a verbal GRE at 50th percentile, and written essay at 35th percentile would score 325+50+35=410. (The score for the GRE quantitative section will not be assessed.)
Master of Arts in Interdisciplinary Communication

Program Director

George McCloud
2000 Bliss Hall
(330) 941-3631
gemccloud@ysu.edu

The following are changes to pages 80-81 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

Degree Requirements

The Master of Arts in Interdisciplinary Communication will draw on the coursework and strengths of three concentration areas: communication, professional writing and editing (in English), and marketing. Students will take courses according to the following plan:

Core Courses (Thesis and Non-Thesis Option) 21 s.h.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMST 6957</td>
<td>Organizational Communication Research</td>
<td>3</td>
</tr>
<tr>
<td>CMST 6980</td>
<td>Applied Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 6943</td>
<td>Technical Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 6944</td>
<td>Document Design and Production</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 6900</td>
<td>Foundations of Marketing</td>
<td>2</td>
</tr>
<tr>
<td>MKTG 6966</td>
<td>Research Problems</td>
<td>1</td>
</tr>
<tr>
<td>MKTG 6942</td>
<td>Strategic Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>ECON 6900</td>
<td>Statistical Problems</td>
<td>3</td>
</tr>
</tbody>
</table>
**Master of Business of Administration**

**Program Coordinator**

Monique Bradford  
1120 Williamson Hall  
(330) 941-3069  
mrbradford@ysu.edu

*The following are changes to page 83 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.*

**FIN 6900 is being replaced with two 2-credit hour courses: ACCT 6901 and FIN 6901.**

**Level I: Foundation Courses 18 s.h.**

Students who have met one or more level I requirements as a part of their undergraduate coursework may be eligible for course waivers. Students are required to demonstrate computer proficiency in addition to successfully completing the following required courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 6900</td>
<td>Statistical Problems</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>ECON 6901</td>
<td>Basic Economic Analysis</td>
<td>3 s.h.</td>
</tr>
<tr>
<td><strong>ACCT 6901</strong></td>
<td><strong>Financial Accounting for Decision Making</strong></td>
<td>2 s.h.</td>
</tr>
<tr>
<td><strong>FIN 6901</strong></td>
<td><strong>Finance for Decision Making</strong></td>
<td>2 s.h.</td>
</tr>
<tr>
<td>MGT 6900</td>
<td>Foundations of Management</td>
<td>2 s.h.</td>
</tr>
<tr>
<td>MGT 6916</td>
<td>Quantitative Analysis for Business Decision</td>
<td>2 s.h.</td>
</tr>
<tr>
<td>MGT 6917</td>
<td>Information Systems for Management</td>
<td>2 s.h.</td>
</tr>
<tr>
<td>MKTG6900</td>
<td>Foundations of Marketing</td>
<td>2 s.h.</td>
</tr>
</tbody>
</table>
The following are changes to page 132 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

The Master of Science in Education—Educational Specialist in School Psychology is titled the Master of Education—Educational Specialist in School Psychology.
Master of Health and Human Services

Program Director
Joseph Lyons
1086 Cushwa Hall
(330) 941-3658
jplyons@ysu.edu

The following are changes to page 90-92 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

Program Description
The Master of Health and Human Services is a collaborative degree between The Bitonte College of Health and Human Services and the Warren P. Williamson, Jr. College of Business Administration. The program accommodates students from health and human services professions who require the skills and abilities for supervisory/managerial positions or who desire competence in health promotion and methods in the community. The program is structured as a completely online or evening college program. After completion of an academic core of coursework, students may concentrate in health promotion, health care administration or health informatics for health and human service professions. A track for physical education majors is also offered.

Degree Requirements
There are two areas of coursework in the MHHS: an academic core and a specialty track. A thesis or non-thesis option is available with each track.

The academic core consists of 23-24 semester hours distributed among the following course areas: tools (six semester hours), management skills (six semester hours), and issues in health and human services (12 semester hours). A total of 12 to 13 semester hours of coursework is devoted to a specialty track in health promotion, administration for health and human service professions, and health informatics. A total of 10 to 12 semester hours of coursework is required for the physical education track. Each track offers a thesis or non-thesis option. The non-thesis option in the health promotion, administration for health and human service professions, and health informatics track requires the student to complete an internship, which is called a practicum. The non-thesis option in the physical education track requires the student to complete six semester hours of courses. The thesis must be submitted according to the general requirements established by the School of Graduate Studies and Research. The student is required to defend the thesis in an oral presentation before a committee of graduate faculty from a minimum of two academic disciplines. Students selecting the non-thesis option must successfully complete a comprehensive examination and additional courses for graduation.

Academic Core

Tools

CJFS 6942 Research and Statistics 3 s.h.
HHS 6930 Health Informatics 3 s.h.
or
HHS 6981 Grant Writing 3 s.h.

Management Skills

MGT 6961 Optimizing Human Performance in Organizations 3 s.h.
or
HHS 6971 Optimizing Performance and Commitment 3 s.h.
and
MGT 6962 Organizational Staffing Process 3 s.h.
or
MGT 6996 Research Problems 3 s.h.
or
MGT 6917 Management Information Systems 2 s.h.
or
HHS 6972 Information Systems for Health and Human Services Mgt. 3 s.h.

Issues in Health and Human Services 12 s.h.
- HHS 6949 Principles of Community Health Practice 3 s.h.
- HHS 6953 Health Behavior 3 s.h.
- HHS 6958 Health Services Issues 3 s.h.
- HHS 6962 Health Care Reform 3 s.h.

Students must choose a concentration area from the following options:

<table>
<thead>
<tr>
<th>Concentration Area</th>
<th>Required Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Promotion</td>
<td>12-13 s.h.</td>
</tr>
<tr>
<td>HHS 6959 Foundation and Planning 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6960 Implementation and Evaluation 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6980 Seminar 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6990 Practicum 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6999 Thesis 4 s.h.</td>
<td></td>
</tr>
<tr>
<td>Administration for Health and Human Services Professions</td>
<td>12-13 s.h.</td>
</tr>
<tr>
<td>HHS 6918 Program Planning and Evaluation 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6922 Planning and Fiscal Management 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6980 Seminar 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6990 Practicum 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6999 Thesis 4 s.h.</td>
<td></td>
</tr>
<tr>
<td>Health Informatics</td>
<td>12-13 s.h.</td>
</tr>
<tr>
<td>HHS 6935 Clinical Informatics 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6945 Health care Systems Analysis 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6922 Planning and Fiscal Management 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6990 Practicum 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HHS 6999 Thesis 4 s.h.</td>
<td></td>
</tr>
<tr>
<td>Physical Education Track</td>
<td>10-12 s.h.</td>
</tr>
<tr>
<td>HPES 6900 Pedagogical Analysis 3 s.h.</td>
<td></td>
</tr>
<tr>
<td>HPES 6903 Curriculum Development 3 s.h.</td>
<td></td>
</tr>
</tbody>
</table>

Non-thesis (6 s.h. required)
- HPES 6905 Contemporary Issues in Sport Pedagogy 3 s.h.
- HPES 6920 Mechanical Analysis of Motor Movements 3 s.h.

Or
HHS 6999 Thesis 4 s.h.

Total Degree Required Hours 34-37 s.h.
MASTER OF SCIENCE IN BIOLOGY

Program Director

Mark D. Womble
4063 Ward Beecher Science Hall
(330) 941-4727
mdwomble@ysu.edu

The following are changes to page 106 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

Admission Requirements

In addition to the minimum School of Graduate Studies and Research admission requirements applicants must have completed at least 20 semester hours of undergraduate biology courses (or equivalents which could include biochemistry) with at least a **3.0 grade point average**, plus one year of organic chemistry, one year of introductory physics, and one semester of statistics. Students with deficiencies in these areas should contact the Biology graduate director prior to applying for admission. The Graduate Record Examination (general test) is also required and students must obtain an acceptable score.
**Master of Science in Environmental Studies**

**Program Director**
Felicia Armstrong  
2080 Moser Hall  
(330) 941-1385  
fparmstrong@ysu.edu

The following are changes to page 113 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

**Admission Requirements**

In addition to the minimum School of Graduate Studies and Research admission requirements, applicants must have completed undergraduate science coursework including one year of college-level general chemistry with lab, one semester of calculus, and a minimum of 15 semester hours of additional science courses with two of these additional courses containing a lab component (chemistry, biology, environmental science, geology, environmental engineering and/or physical geography). An unrecalculated cumulative undergraduate minimum grade point average of 3.0 (on a 4.0 scale) is required for admission. Students with a GPA of under 3.0 could be considered for provisional admission. Additional requirements include satisfactory performance on Graduate Record Examination (general test) and three letters of recommendation.

Applicants not satisfying the minimum admission requirements may be accepted provisionally at the discretion of the Department Graduate Committee. In those cases where the undergraduate preparation is deficient in three or fewer courses, students must satisfy the deficiencies by completing the equivalent undergraduate courses with a grade of B or better within the first year of study as a provisional graduate student.

Any student admitted with provisional status will be reviewed for regular graduate admission to the program at the completion of 9 semester hours of degree-credit coursework. Students with an undergraduate course deficiency greater than three courses must remove the deficiency as a post baccalaureate, undergraduate student.

The following are changes to page 117 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

Additional coursework may be required as prerequisites for some of the graduate courses.

Environmental studies program requires courses that are designed to provide breadth in environmental science and understanding of environmental issues and regulations.

**Required courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENST 6900</td>
<td>Advanced Environmental Studies</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>STAT 5817 or BIOL 5853</td>
<td>Applied Statistics or Biometry</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>ENST 6990 Thesis (May be repeated – 6 s.h. required)</td>
<td>6 s.h.</td>
<td></td>
</tr>
</tbody>
</table>

Select 2 of the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENST 5800</td>
<td>Environmental Impact Assessment</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>ENST 5830</td>
<td>Risk Assessment</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>ENST 5860</td>
<td>Environmental Regulations</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>ENST 6901</td>
<td>Sources of Contamination</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>ENST 6920</td>
<td>Environmental Compliance</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>ENST 6921</td>
<td>Industry/Institutional Mgmt for the Environ Professional</td>
<td>3 s.h.</td>
</tr>
</tbody>
</table>
ENST 6931  Ecological Risk Assessment  3 s.h.
Note: Additional ENST course may be taken as electives.

• An additional fifteen (15) semester hours of elective courses are required (a minimum total of 27 semester hours of coursework and 6 semester hours of thesis).
• Elective courses can come from Environmental Studies, Geology, Biology, Civil/Environmental Engineering, Geography, Chemistry or other disciplines recommended by the graduate thesis committee.
• No more than nine (9) semester hours from the 5800 level (swing courses) may be counted toward the Master of Science degree. (Note: More courses at the 5800 level can be taken, but only 9 s.h. count toward the Master’s degree)
• A proposed course of study is required to be approved by the thesis committee.
• Credits earned for the Graduate Certificate in Environmental Studies may be applied to the Master of Science degree to the extent allowed by the School of Graduate Studies (normally nine semester hours).
• Students in the certificate program who intend to pursue the Master’s degree must apply to the Environmental Studies Master of Science program before completion of nine (9) semester hours of graduate coursework.
MASTER OF SCIENCE IN MATHEMATICS

PROGRAM DIRECTOR

Jamal K. Tartir
516 Lincoln Building
(330) 941-1812
tartir@math.ysu.edu

The following are changes to page 117-118 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

ADMISSION REQUIREMENTS

In addition to the minimum School of Graduate Studies and Research admission requirements, students must also have the following:

• An unrecalculated undergraduate cumulative grade point average of at least 3.0 (on a 4.0 scale) in all undergraduate mathematics and statistics courses.
• A completed sequence in standard calculus comparable to MATH 1571 Calculus I, MATH 1572 Calculus II, and MATH 2673 Calculus III, including multivariable calculus
• Previous courses in discrete structures and linear algebra comparable to MATH 3715 Discrete Mathematics and MATH 3720 Linear Algebra and Matrix Theory
• Previous course in abstract algebra comparable to MATH 5821 Topics in Abstract Algebra or real analysis comparable to MATH 5851 Topics in Analysis
• The Graduate Record Examination

Students not satisfying all of the above may be admitted with provisional status subject to the approval of the graduate program director and the graduate dean.

DEGREE REQUIREMENTS

• A minimum of 33 semester hours of credit excluding MATH 5821 and MATH 5851
• A cumulative grade point average of at least 3.0
• The student’s combined undergraduate and graduate programs must include a mathematics core comprising the following courses or their equivalent:

   MATH 5821 Abstract Algebra I taken in the earliest available semester
   MATH 5851 Real Analysis I taken in the earliest available semester
   MATH 5825 Advanced Linear Algebra
   MATH 5852 Real Analysis II
   MATH 6996 Mathematical Project

• Satisfactory performance on written and oral examinations. The subject matter for these examinations should reflect both the core curriculum and the option selected (see Description of Options below) and must be approved by the Graduate Executive Committee. Additionally, the following distribution requirements apply:

   Written exams on three courses
   Oral exam on thesis, or oral exam on a project and two courses
   At least half of the hours of the courses examined must be at the 6900 level
   At least one course from MATH 5825, 5852, 6915, or 6920 must be examined

• At least 17 hours of the student’s approved program must be at the 6900 level
• MATH 6999 Thesis is highly recommended
Description of Options

In addition to completing the courses which make up the mathematics core, students will choose from among the following options. Each option has its own core and elective requirements. Under extenuating circumstances, reasonable substitutions can be made with the approval of the Graduate Executive Committee.

The description of the options will refer to the following list of sequences.

- **Abstract Algebra**: MATH 6922, 6923
- **Logic**: MATH 6984, 6985
- **Actuarial Mathematics**: STAT 5802, 6904
- **Mathematical Statistics**: STAT 6943, 6944
- **Advanced Data Analysis**: STAT 6940, 6948
- **Number Theory**: MATH 5828, 6928
- **Combinatorics**: MATH 5835, 6938
- **Numerical Analysis**: MATH 5861, 6925
- **Complex Analysis**: MATH 6975, 6976
- **Operations Research**: MATH 5845, 6942
- **Differential Equations**: MATH 6955, 5857
- **Real Analysis**: MATH 6965, 6966
- **Economics**: ECON 6912, 6922
- **Topology**: MATH 6980, 6981
- **Finance**: FIN 6900, 6921
- **Graph Theory**: MATH 5835, 6937

**Option I: Predoctoral Studies in Mathematics and Applied Mathematics**

The core requirements are MATH 6915 Mathematical Foundations and the first course in each of the Abstract Algebra, Complex Analysis, Real Analysis, and Topology sequences. The elective requirements are the completion of any sequence excluding Actuarial Mathematics, Economics, Finance and one applied mathematics or statistics course.

**Option II: Statistics**

The core requirements are the Advanced Data Analysis and the Mathematical Statistics sequences. The elective requirement is 9 additional hours of statistics courses.

**Option III: Actuarial Science**

The core requirements are the Actuarial Mathematics sequence, the Mathematical Statistics sequence, and STAT 6948 Linear Models. The elective requirement is 9 additional hours taken from STAT 5800, 5814, 5840, 6905, 6910, 6945, and 6988. The Finance and Economics sequences are recommended.

**Option IV: Applied Mathematics**

The core requirement is the first course in at least four of the Advanced Data Analysis, Differential Equations, Mathematical Statistics, Numerical Analysis, and Operations Research sequences. The elective requirement is to complete two sequences excluding Actuarial Mathematics, Economics, and Finance.

**Option V: Secondary/Community College Mathematics**

The core requirement is MATH 6930 Differential Geometry. The elective requirements are MATH 6915 Mathematical Foundations, the first course of either the Combinatorics or Number Theory sequence, the first course of either the Mathematical Statistics or Advanced Data Analysis sequence, the first course of the Abstract Algebra, Complex Analysis, Real Analysis, or Topology sequence, and the completion of any sequence excluding Actuarial Mathematics, Economics, and Finance. Those students seeking certification should consult an advisor in the school of Education.

**Option VI: Computer Science**
Students in this option should plan their graduate program in consultation with advisors in both the Department of Mathematics and Statistics and the Department of Computer Science and Information Systems. The core requirements are MATH 6915 Mathematical Foundations, the first course of the Combinatorics sequence, the first of the Number Theory sequence, CSCI 6905, 6910, and 6915. The elective requirements are the completion of any sequence excluding Actuarial Mathematics, Economics, and Finance and two additional computer science courses. The Numerical Analysis, Graph Theory, Combinatorics, and Logic sequences are recommended.

Option VII: Individualized Program of Study

Students with a career goal not addressed by the options above will select coursework beyond the core appropriate to this goal in consultation with an advisor and subject to the approval of the Graduate Executive Committee.
MASTER OF SCIENCE IN EDUCATION—COUNSELING

PROGRAM DIRECTOR

Matthew Paylo
3211 Beeghly Hall
330-941-3264
mpaylo@ysu.edu

The following are changes to page 122-123 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

DEGREE REQUIREMENTS

Addiction Counseling Program Curriculum 63 s.h.

COUN 5898  Orientation and Ethical Issues in Community Counseling 3 s.h.
COUN 6900  Counseling Methods and Practice 3 s.h.
COUN 6902  Theory and Foundation of Addictions Counseling 3 s.h.
COUN 6903  Addictions Counseling: Treatment and Interventions 3 s.h.
COUN 6910  Human Development and Family Systems Counseling 3 s.h.
COUN 6962  Counseling Theory 3 s.h.
COUN 6964  Appraisal Techniques in Counseling 3 s.h.
COUN 6968  Research in Counseling 3 s.h.
COUN 6972  Career Counseling 3 s.h.
COUN 6973  Group Counseling Theory and Practice 2 s.h.
COUN 6973L  Group Counseling Lab 1 s.h.
COUN 6976  Social and Cultural Issues in Counseling 3 s.h.
COUN 6980  Diagnosis of Mental Disorders or 7013A 3 s.h.
COUN 7001  Counseling Practicum I 3 s.h.
COUN 7002  Clinical Mental Health Counseling Practicum II 3 s.h.
COUN 7031  Clinical Psychopathology and Treatment 3 s.h.
COUN 7034  Advanced Evaluation of Mental and Emotional Status 3 s.h.
COUN 7037  Counseling and Psychopharmacological Treatments of Mental and Emotional Disorders OR
COUN 7003  Counseling Children and Adolescents 3 s.h.
COUN 7041  Case Conceptualization, Treatment Planning, and Clinical Supervision 3 s.h.

Internship (12 s.h. total required)
COUN 7010  Clinical Mental Health Counseling Internship 12 s.h.

Comprehensive examination prerequisites: COUN 5821G, 6900, 6910, 6962, 6964, 6980, 6982, 6972, 6973, 6973L, 6974, 6976

(1) Internship placement involves a minimum of 600 clock hours completed over two semesters. COUN 7002 is to be completed the semester immediately prior to beginning the internship. Students are to apply for their field placement (note: application forms are in the central office and should be turned in to the internship coordinator) for the fall or summer semesters no later than the fourth week of the spring semester. If a student would like to begin his or her field placement in the spring semester, the student should apply no later than the fourth week of the fall semester. Students who fail to turn in their field placement application form by the deadline will not be allowed to complete their field placement during the specified semester. Refer to the Fieldwork Handbook for additional information.

(2) Not all courses are offered every semester. It is the student’s responsibility to carefully plan his or her program of study in order to meet all prerequisite course and graduation requirements.
(3) All candidates are required to purchase a Task Stream account to complete the critical task for each course which is essential for CACREP accreditation.

*Comp prerequisites: 5898, 6900, 6910, 6921, 6964, 6968, 6972, 6973, 6973L, 6976, 6980

**Students must take COUN 5898 within the first three semesters in which they are enrolled.

Clinical Mental Health Counseling Program Curriculum 63 s.h.

COUN 5898 Orientation and Ethical Issues in Community Counseling 3 s.h.
COUN 6900 Counseling Methods and Practice 3 s.h.
COUN 6902 Theory and Foundation of Addiction Counseling or
COUN 6903 Addiction Counseling: Treatment and Interventions 3 s.h.
COUN 6910 Human Development and Family Systems Counseling 3 s.h.
COUN 6962 Counseling Theory 3 s.h.
COUN 6964 Appraisal Techniques in Counseling 3 s.h.
COUN 6968 Research in Counseling 3 s.h.
COUN 6972 Career Counseling 3 s.h.
COUN 6973 Group Counseling Theory and Practice 2 s.h.
COUN 6973L Group Counseling Lab 1 s.h.
COUN 6976 Social and Cultural Issues in Counseling 3 s.h.
COUN 6980 Diagnosis of Mental Disorders OR
COUN 7013A Diagnosis and Treatment of Children and Adolescents 3 s.h.
COUN 7001 Counseling Practicum I 3 s.h.
COUN 7002 Clinical Mental Health Counseling Practicum II 3 s.h.
COUN 7031 Clinical Psychopathology and Treatment 3 s.h.
COUN 7034 Advanced Evaluation of Mental and Emotional Status 3 s.h.
COUN 7037 Counseling and Psychopharmacological Treatment of Mental and Emotional Disorders OR
COUN 7003 Counseling Children and Adolescents 3 s.h.
COUN 7041 Case Conceptualization, Treatment Planning & Clinical Supervision 3 s.h.

Internship (12 s.h. total required)

COUN 7010 Clinical Mental Health Counseling Internship 12 s.h.

(1) Internship placement involves a minimum of 600 clock hours completed over two semesters. COUN 7002 is to be completed the semester immediately prior to beginning the internship. Students are to apply for their field placement (note: application forms are in the central office and should be turned in to the internship coordinator) for the fall or summer semesters no later than the fourth week of the spring semester. If a student would like to begin his or her field placement in the spring semester, the student should apply no later than the fourth week of the fall semester. Students who fail to turn in their field placement application form by the deadline will not be allowed to complete their field placement during the specified semester. Refer to the Fieldwork Handbook for additional information.

(2) Not all courses are offered every semester. It is the student’s responsibility to carefully plan his or her program of study in order to meet all prerequisite course and graduation requirements.

(3) All candidates are required to purchase a Task Stream account to complete the critical task for each course which is essential for CACREP accreditation.

*Comp prerequisites: 5898, 6900, 6910, 6921, 6964, 6968, 6972, 6973, 6973L, 6976

**Students must take COUN 5898 within the first three semesters in which they are enrolled.
The following are changes to page 123-125 of the Graduate Bulletin 2012-2014. Addition and change are in bold type

Merge two Counseling Program options (Student Affairs Leadership and Practice, College Counseling) into one option “Student Affairs and College Counseling” with a licensure/non-licensure track.

Student Affairs and College Counseling

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUN 6900</td>
<td>Counseling Methods and Practice</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6930</td>
<td>College Counseling and Student Mental Health</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6962</td>
<td>Counseling Theory</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6968</td>
<td>Research in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6972</td>
<td>Career Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6973</td>
<td>Group Counseling Theory and Practice</td>
<td>2</td>
</tr>
<tr>
<td>COUN 6973L</td>
<td>Group Counseling Lab</td>
<td>1</td>
</tr>
<tr>
<td>COUN 6976</td>
<td>Social and Cultural Issues in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 7021*</td>
<td>Legal and Ethical Issues in Higher Education</td>
<td>3</td>
</tr>
<tr>
<td>COUN 7023</td>
<td>Life Span and College Student Development</td>
<td>3</td>
</tr>
<tr>
<td>COUN 7026</td>
<td>Orientation and Functions of Student Affairs</td>
<td>3</td>
</tr>
<tr>
<td>COUN 7044</td>
<td>Leadership and Administration in Student Affairs</td>
<td>3</td>
</tr>
<tr>
<td>COUN 7046</td>
<td>Assessment in Student Affairs Practice</td>
<td>3</td>
</tr>
<tr>
<td>COUN 7004</td>
<td>Practicum – Student Affairs</td>
<td>3</td>
</tr>
</tbody>
</table>

*COUN 7021 will only be taken by Non-Licensure students (SA)

Total s.h. required 33 (CC) or 36 (SA) s.h.

Ohio Licensure Option

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUN 5898</td>
<td>Orientation &amp; Ethical Issues in Community Counseling</td>
<td>3</td>
</tr>
<tr>
<td>COUN 6980</td>
<td>Diagnosis of Mental Disorders</td>
<td>3</td>
</tr>
<tr>
<td>COUN 7031</td>
<td>Clinical Psychopathology and Treatment</td>
<td>3</td>
</tr>
<tr>
<td>COUN 7034</td>
<td>Advanced Evaluation of Mental &amp; Emotional Status</td>
<td>3</td>
</tr>
<tr>
<td>COUN 7041</td>
<td>Case Conceptualization, Treatment Planning, &amp; Clinical Supervision</td>
<td>3</td>
</tr>
<tr>
<td>COUN 7001</td>
<td>Counseling Practicum I (permit required)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total s.h. required 18 s.h.

Practicum/Internship (both tracks)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUN 7004**</td>
<td>Practicum-Student Affairs (permit required)</td>
<td>3</td>
</tr>
<tr>
<td>COUN 7005**</td>
<td>Internship in Student Affairs (permit required)</td>
<td>6</td>
</tr>
<tr>
<td>COUN 7005**</td>
<td>Internship in Student Affairs (permit required)</td>
<td>6</td>
</tr>
</tbody>
</table>

**COUN 7004 & COUN 7005 will have licensure and non-licensure track internship settings

Total s.h. required 15 s.h.

(1) Internship placement involves a minimum of 600 clock hours completed over two semesters. 7004 is to be completed in the fall semester immediately prior to beginning internship. Students are to apply for their field placement (note: application forms are in the central office and should be turned in to the internship coordinator) for the fall or summer semesters no later than the fourth week of the spring semester. Students who fail to turn in their field placement application form by the deadline will not be allowed to complete their field placement during the specified semester. Refer to Fieldwork Handbook for additional information.
(2) Not all courses are offered every semester. It is the student’s responsibility to carefully plan his/her program of study in order to meet all prerequisite course and graduation requirements.

*Comp prerequisites: 7026, 7023, 6900, 6962, 7046, 6968, 6972, 6973, 6973L, 6976

**Students must take 7026 within the first 3 semesters in which they are enrolled.
Master of Science in Education — Educational Technology

Chair

Lenford Sutton
4103 Beeghly Hall
330-941-1437
lcsutton@ysu.edu

I. General Core Requirements (6 semester hours)—All required

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCED 6936</td>
<td>Fundamentals of Curriculum Development</td>
<td>3</td>
</tr>
<tr>
<td>FOUN 6904</td>
<td>Introduction to Educational Research</td>
<td>3</td>
</tr>
</tbody>
</table>

General Core Options (6 semester hours)—Choose two:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOUN 6901</td>
<td>Philosophical Analysis of Education</td>
<td>3</td>
</tr>
<tr>
<td>FOUN 6902</td>
<td>Sociological Bases of Education</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 6903</td>
<td>Psychology of Education and Learning</td>
<td>3</td>
</tr>
<tr>
<td>TCED 6951</td>
<td>Interpersonal Communications for Educators</td>
<td>3</td>
</tr>
<tr>
<td>TCED 6959</td>
<td>Law and Ethics for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>TCED 6999</td>
<td>Proactive Grant Seeking</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Educational Technology Core (21 semester hours) - All required

[Prereq: EDTC 3771 or EDTC 6905 or permission of instructor]

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDTC 6920</td>
<td>Instructional Design</td>
<td>3</td>
</tr>
<tr>
<td>EDTC 6930</td>
<td>Instructional Multimedia Authoring</td>
<td>3</td>
</tr>
<tr>
<td>EDTC 6940</td>
<td>Distance Education and On-line Information Dissemination</td>
<td>3</td>
</tr>
<tr>
<td>EDTC 6960</td>
<td>Educational Technology and Professional Development</td>
<td>3</td>
</tr>
<tr>
<td>EDTC 6965</td>
<td>Technology Planning for Instructional Environments</td>
<td>3</td>
</tr>
</tbody>
</table>

Note: To be enrolled in the three Educational Technology Core courses below, you must be fully admitted to the program and you have demonstrated competency in NETS-T.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDTC 6945</td>
<td>Action Research in Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>EDTC 6985</td>
<td>Portfolio in Educational Technology</td>
<td>1</td>
</tr>
<tr>
<td>(Prereq: EDTC 6920, 6930, 6940, 6945, 6960, 6965)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note: This course must be taken with EDTC 6990 and completed within the first five weeks of the semester. Failure to successfully complete EDTC 6985 will prevent entrance into EDTC 6990.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDTC 6990</td>
<td>Practicum in Educational Technology</td>
<td>2</td>
</tr>
<tr>
<td>(Prereq: EDTC 6920, 6930, 6940, 6945, 6960, 6965, 6985)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note: This course must be taken with EDTC 6985 and completed within the last eleven weeks of the semester. Failure to successfully complete EDTC 6985 will prevent entrance into EDTC 6990.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Technology Endorsement

Candidates seeking the technology endorsement, but not wanting the degree, need to complete only the 21 semester hours specified under the Educational Technology Core section; full admission to the program is also required.

This endorsement component serves school personnel who hold an Ohio teaching certificate/license; the endorsement is applicable for grades K-12. Courses included in the endorsement component meet the standards established by the International Society for Technology in Education (ISTE) Standards for Technology Facilitation.

Total Hours Required for Endorsement

21 s.h.

Total Hours Required for Degree and Endorsement

33 s.h.
Master of Science in Education – Special Education

Program Director

Joanne Franks
3309 Beeghly Hall
(330) 941-3307
jfranks@ysu.edu

The following are changes to page 139-140 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

Intervention Specialist Mild to Moderate Licensure Option

The Intervention Specialist Mild to Moderate Licensure option is designed for teachers holding licensure in elementary, middle, and/or adolescent education to complete a master’s degree and obtain teaching licensure for students (K-12) with disabilities (Intervention Specialist in Mild to Moderate Disabilities). Students will be required to pass the appropriate licensure examination before completion of clinical experiences. Successful completion of all parts of the comprehensive examination is required for graduation. Individuals holding teaching certification must fulfill the Ohio Reading Requirement (12 semester hours). A total of 37 semester hours is required.

Candidates are responsible for adhering to all special education policies. A new cohort of students will begin each fall. Applications must be received no later than June 15th for consideration for the fall cohort.

Common Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOUN 6904</td>
<td>Introduction to Educational Research</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>SPED 6900</td>
<td>Issues, Trends &amp; Foundations in Special Education</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>SPED 6906</td>
<td>Characteristics &amp; Behaviors of Learners with M/M &amp; M/I Exceptional Learning</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>SPED 6914</td>
<td>Behavior Management for Educators</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>SPED 6915</td>
<td>Classroom Management &amp; Crisis Intervention</td>
<td>3 s.h.</td>
</tr>
</tbody>
</table>

Intervention Specialist Option

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 6927</td>
<td>Curriculum Design, Adaptations &amp; Resources for Learners with M/M Exceptional Learning Skills</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>SPED 6928</td>
<td>Transition &amp; Life Skill Supports for Learners with M/I Exceptional Learning Needs</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>SPED 6929</td>
<td>Assessment of Gifted &amp; Exceptional Learners</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>SPED 6930</td>
<td>Instructional Methodologies for Learners with M/M and M/I Exceptional Learning Needs</td>
<td>4 s.h.</td>
</tr>
<tr>
<td>SPED 6931</td>
<td>Clinical Experience with Learners with M/M Exceptional Learning Needs</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>SPED 6932</td>
<td>Clinical Experience with Learners with M/I Exceptional Learning Needs</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>SPED 6998</td>
<td>Alternative &amp; Augmentative Communication</td>
<td>3 s.h.</td>
</tr>
</tbody>
</table>

Total Hours Required for Degree 37 s.h.

Autism and Related Disabilities Option

The Moderate/Intense Autism and Related Disabilities Option prepares candidates to teach students with autism and related disabilities as well as to develop advanced systematic instruction in life skills areas including learning and leadership skills appropriate to the area of specialization. All candidates with bachelor degrees outside the college...
of education will be required to complete additional coursework for licensure. For all candidates seeking a new area of licensure, 12 S.H. in reading, which includes a course in phonics, and passage of the appropriate licensure examination are required by the Ohio Department of Education. Individuals holding teacher certification must fulfill the Ohio Reading requirement (12 S.H.). Successful completion of all parts of the comprehensive examination is required. Candidates are responsible for adhering to all special education policies.
Master of Science in Education—Teacher Education

Program Director

Dora L. Bailey
2406 Beeghly Hall
(330) 941-3251
dlbailey@ysu.edu

The following are changes to page 144 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

Degree Requirements

All master teacher candidates in early childhood education must complete a Master teacher Reflective Portfolio (E-Portfolio) at the completion of their major. This portfolio will be submitted on-line through TaskStream at the designated times for the comprehensive exams. Please see the Early Childhood Education website for further information regarding this portfolio and contact the Department of Teacher Education for applications, times, and dates. All candidates must also acquire a TaskStream account at the beginning of their studies.
Graduate Certificate

Literature for Children and Young Adults

Program Director

Steven Brown
242 DeBartolo Hall
(330) 941-1654
srbrown02@ysu.edu

The following are changes to page 170 of the Graduate Bulletin 2012-2014. Addition and change are in bold type.

Certificate Requirements

Students must complete the following three courses:

ENGL 6918  Studies in Children’s Literature        3 s.h.
ENGL 6919  Studies in Young Adult Literature        3 s.h.
ENGL 6927  Historical Survey of Literature for Young People  3 s.h.

Students must complete one course from the following, if the topic relates to children’s or young adult literature, with permission of the certificate director:

ENGL 6906   Teaching of Literature        3 s.h.
ENGL 6918*  Studies in Children’s Literature        3 s.h.
ENGL 6919*  Studies in Young Adult Literature        3 s.h.
ENGL 6975   English Education Seminar        3 s.h.
ENGL 6976   Studies in English Education        3 s.h.
ENGL 6990   Special Topics        3 s.h.
ENGL 6969   Writing the Youth Novel        3 s.h.
**Post-masters Family Nurse Practitioner Certificate Program**

**Program Director**

Patricia Hoyson  
2045 Cushwa Hall  
330-941-1448  
plhoysn@ysu.edu

The Family Nurse Practitioner Certificate Program at Youngstown State University is designed to prepare the Post-Masters prepared nurse with opportunities to build upon their current knowledge and obtain additional advanced practice knowledge and skill which will enable them to provide direct primary care to individuals and families. The certificate nurse practitioner program is not a degree program. This program is designed to enhance the professional development of the masters prepared by providing education and training that prepares them for a nurse practitioner’s role.

**Family Nurse Practitioner (FNP) Option Curriculum**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 6903</td>
<td>Advanced Pharmacology</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>NURS 6904</td>
<td>Advanced Health Assessment</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>NURS 7003</td>
<td>Role Development</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>NURS 7004</td>
<td>Role Development Practicum</td>
<td>5 s.h.</td>
</tr>
<tr>
<td>NURS 7024</td>
<td>Family and Women Health</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>NURS 7025</td>
<td>Family and Women Health Practicum</td>
<td>4 s.h.</td>
</tr>
<tr>
<td>NURS 7026</td>
<td>Infant, Child, and Adolescent Health</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>NURS 7027</td>
<td>Infant, Child, and Adolescent Health Practicum</td>
<td>5 s.h.</td>
</tr>
<tr>
<td>NURS 7028</td>
<td>Adult Health</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>NURS 7029</td>
<td>Adult Health Practicum</td>
<td>5 s.h.</td>
</tr>
</tbody>
</table>

Students will complete 570 hours of supervised clinical practice as part of this certificate option for national certification eligibility.
Online Graduate Programs

- Master of Business Administration
- Master of Science in Criminal Justice, Criminal Justice Management and Program Planning
- Master of Science in Education, Early Childhood Education
- Master of Science in Engineering, Management Option
- Master of Respiratory Care

For additional information please: visit the Office of Distance Education website at [http://web.ysu.edu/de/](http://web.ysu.edu/de/), call the office at 330-941-1516, or send an e-mail to distanceed@ysu.edu.
Graduate Courses

Lariccia School of Accounting and Finance

Raymond Shaffer, Director
3382 Williamson Hall
(330) 941-3196
rjshaffer@ysu.edu

Accounting

ACCT 6901 Financial Accounting for Decision Making. A survey of the fundamental concepts of financial accounting employed by general managers. Permit required. (New course) 2 s.h.

ACCT 6925 Oil and Gas Accounting. A study of the accounting and taxation principles and procedures for the petroleum industry. Topics include exploration, leasing, drilling and production problems. Prereq.: C or better in ACCT 2603 or ACCT 6902. (New course) 3 s.h.

ACCT 6935 Research in Accounting and Taxation. A study of the practical research process, providing useful guidance and information in conducting professional accounting and tax research. A broad range of case analyses allows a focus on current topics in the accounting profession. Prereq.: C or better in ACCT 3702 or ACCT 4813. (New course) 3 s.h.

ACCT 6950 Fraud Examination. A study of occupational fraud and abuse. Topics include asset misappropriation schemes, corruption, and fraudulent statements, including fraudulent financial statements. Coverage includes implications for fraud examiner and corporate management. Prereq.: ACCT 2602 or ACCT 6900. (New course) 3 s.h.

Finance

FIN 6901 Finance for Decision Making. A survey of the concepts, principles, and practices of financial management used by general managers. Prereq.: ACCT 6901 (Change in prerequisite, course title, hours and description) 2 s.h.

FIN 6945 Business Valuation. A study of business valuation techniques currently used in valuing publicly traded and private equity. Prereq.: C or better in FIN 3720 or FIN 6900. (New course) 3 s.h.

Art

Greg Moring, Chair
B10 Bliss Hall
(330) 941-1859
gkmoring@ysu.edu

Art 6970 Studio Problems in Photography. Individual research of photography through selected technical and aesthetic photographic topics using a variety of approaches for advanced fine-art applications. May be repeated for a maximum of six semester hours of credit. Prereq.: Permission of instructor and documentation of previous work. (New course) 1-3 s.h.
Art 6971 Studio Problems in Photography. Continuation of ART 6970. May be repeated for a maximum of six semester hours of credit. Prereq.: Art 6970. (New course) 1-3 s.h.

Art 6972 Studio Problems in Photography. Continuation of ART 6971. May be repeated for a maximum of six semester hours of credit. Prereq.: Art 6970. (New course) 1-3 s.h.

Art 6980 Studio Problems in Digital Media. Individual research in digital forms of expression through various media, including but not limited to printed digital collage, video and Internet-based projects. May be repeated for a maximum of six semester hours of credit. Prereq.: Permission of instructor and documentation of previous work. (New course) 1-3 s.h.

Art 6981 Studio Problems in Digital Media. Continuation of ART 6980. May be repeated for a maximum of six semester hours of credit. Prereq.: Art 6980. (New course) 1-3 s.h.

Art 6982 Studio Problems in Digital Media. Continuation of ART 6981. May be repeated for a maximum of six semester hours of credit. Prereq.: Art 6981. (New course) 1-3 s.h.

Biology

Gary Walker, Chair
4037 Ward Beecher Hall
(330) 941-7177
grwalker@ysu.edu

BIOL 6937 Conservation Biology. A socioeconomic, political and ecological approach to issues associated with the maintenance and value of biodiversity and ecosystems services; consequences of anthropogenic climate change, fragmentation, overharvesting, extinction, and invasion of non-native species; biofuels; ecological restoration, nature reserve design and sustainability. Prereq.: BIOL 3759 or BIOL 3780. (New course) 3 s.h.

BIOL 8869/8869L Human Gross Anatomy 2. Regional study of the human body with emphasis on functional and topographic anatomy and clinical correlations. Two hours lecture-demonstration and four hours lab. Prereq.: BIOL 5868, Human Gross Anatomy I and admission to the YSU Physical Therapy Program. (Change in course numbering) 4 s.h.

Criminal Justice and Forensic Sciences

Patricia B. Wagner, Chair
2091 Cushwa Hall
(330) 941-3279
pbwagner@ysu.edu

John M. Hazy, Graduate Program Coordinator
2090 Cushwa Hall
(330) 941-1789
jmhazy@ysu.edu

CJFS 6975 Applied Police and Correctional Management. Systematic examinations of the principles and practices
of criminal justice organizations and the historical contexts of their implementation. Readings emphasize best practices, legal standards, and interdisciplinary cooperation affecting law enforcement and corrections, especially as they affect financial management, human resources, community relations, homeland security, and the treatment of vulnerable populations. Prereq.: CJFS 6925 (New course)

3 s.h.

CJFS 6985 Grant Writing. Insight into the methods, strategies, and techniques of grant writing with emphasis on the proposal components and exploration of funding sources. Each student will exhibit competence in planning, developing and evaluating a proposal as well as creating a draft of a grant proposal based on an actual request for proposals. Prereq.: CJFS 6940, 6945, and 6975-Applied Police and Correctional Mgmt or permission of instructor. (New course) 3 s.h.

Computer Science and Information Systems

Kriss A. Schueller, Chair
339B Meshel Hall
(330) 941-3134
Kriss.Schueller@csis.ysu.edu

CSIS 6997 Seminar in Computing and Information Systems. Overview of research methods and presentation techniques (written and oral) for advanced work in computer science and information systems. Will include presentations of current student/faculty research. Students will be required to deliver at least one conference-style presentation of their own in an area related to their research. (New course) 1 s.h.

Counseling, Special Education, & School Psychology

Jake J. Protivnak, Chair
3312 Beeghly College of Education
(330) 941-1936
jjprotivnak@ysu.edu

COUN 6977 College Admission Counseling. This course provides practical information on advising students and parents about the college admission process. The course is designed to promote career advisement knowledge and skills related to: consultation with parents, drop-out prevention, student motivation, academic career preparation, assessment, application process, financial aid, and interventions to enhance student and parents decisions regarding college admission process. (New course) 3 s.h.

Special Education

SPED 5852 Program Development and Instructional Strategies for Learners with Moderate to Intensive Exceptionalities Learning Needs. This course is designed to expand technical terminology and applied practices for candidates working towards licensure for students with moderate to intensive exceptional learning needs. Candidates will create individualized objectives, apply evidence-based practices, and report progress. Successful completion of a 30 hour field experience is required. (New swing course) 3 s.h.

SPED 5872 Assessment and Referral for Children and Youth with Exceptional for the Intervention Specialist. Development of skills in referral and assessment techniques for the special educator in the areas of moderate/intensive disabilities. Emphasis will be given to both informal and formal methods such as observation, authentic assessment, alternative assessment, rubrics, inventories, interviewing, task analysis, functional behavioral analysis, curriculum based measurement, DIBELS/SWIS, and formal standardized measures. (New swing course)
SPED 5873 Communication and Literacy Skills for Learners with Significant Disabilities. This course focuses on enhancing functional communication and literacy skills of students with severe disabilities. Assessment and strategies to increase communication form, function, and literacy are covered. The course addresses aided and non-aided augmentative systems and alternative communication systems with an emphasis on using a multi-modality approach. (New swing course)

3 s.h.

SPED 6930 Instructional Methodologies for Learners with M/M & M/I Exceptional Learning Needs. This course provides students with the opportunity to research, study, plan and analyze instructional strategies and delivery systems in the four major content areas. The candidate will use the referenced strategies to both support and promote high quality instruction and will understand the relationship between language in the spectrum of instruction and social system delivery to students with exceptionalities. A field experience is connected to the critical task for this course. Prereq. Concurrently SPED 6931 (Change in course hours from 3 to 4)

4 s.h.

**Economics**

Tod Porter, Chair
303 DeBartolo Hall
(330) 941-3431
tsporter@ysu.edu

ECON 6900 Statistical Problems. A survey of the fundamental statistical techniques used in business with special emphasis on interpreting the results generated by statistical software. Techniques covered include: hypothesis tests of means and proportions, estimation, chi-square tests, analysis of variance, correlation analysis, and regression analysis. Not applicable toward M.A. in Economics or the M.A. in Financial Economics. (Change in description)

3 s.h.

ECON 6901 Basic Economic Analysis. An introduction to micro-and macroeconomics with emphasis on the use of economic theory in business decision making. This course is designed for professionals in business and other related areas with no previous background in economics. Not applicable toward the M.A. in Economics or the M.A. in Financial Economics. (Change in description)

3 s.h.

**English**

Julia Gergits, Chair
202 DeBartolo Hall
(330) 941-3414
jmgergits@ysu.edu

ENGL 6969 Writing the Youth Novel. Discussion and application of approaches, techniques, and forms involved in the writing of novels. (New course)

3 s.h.

**Gerontology**

Qi Jiang, Chair
400 DeBartolo Hall
(330) 941-3441
qjiang@ysu.edu
GERO 6915 Service Delivery and Aging Policy. An interdisciplinary analysis of services for older adults including an examination of major policies, programs and trends in aging. **(New course)** 3 s.h.

**Health Professions**

Joseph Mistovich, Chair  
1074 Cushwa Hall  
(330) 941-3326  
jjmistovich@ysu.edu

HHS 6918 Program Planning and Evaluation. **(Change in course hours)** Change from 2 s.h. to 3 s.h.

HHS 6930 Health Informatics. This course presents a detailed review of the structure of provider, payer, and other health care organizations along with the workflow in these types of organizations and their information system needs; how informatics assists these organizations. Prereq.: current enrollment in the HHS program or permission of instructor. **(New course)** 3 s.h.

HHS 6935 Clinical Informatics. This course will provide the nursing student with a comprehensive framework of clinical informatics knowledge. It addresses how clinical informatics assists health care organizations, how information is used in clinical operations, and how information technologists interact with clinical stakeholders in provider, payer, and other healthcare organizations. Prereq.: current enrollment in the HHS or the Nursing Masters program. **(New course)**

HHS 6945 Health Care System Analysis. This course presents a practical approach to introduce students to information technology and systems development. The course emphasizes the importance of a system analysis and design in health care/business and clinical environments. The focus is on producing an add application that is integrated with your vendor applications. Prereq.: current enrollment in the HHS or the Nursing Masters program and success completion of 6930 Health Informatics. **(New course)** 3 s.h.

HHS 6962 Health Care Reform. The purpose of the course is to give students the skills necessary to understand all aspects of health and health care especially those related to Health Care Reform and recent and previous legislation. It will examine the supply of and demand for health services, and the analysis of health care systems and current, previous and potential future legislation relevant to health care reforms. Prereq.: current enrollment in the HHS. **(New course)**

HHS 6972 Information Systems for Health and Human Services Management. **(Change in course hours)** Change from 2 s.h. to 3 s.h.

HHS 6981 Grant Writing. **(Change in course hours)** Change from 2 s.h. to 3 s.h.

**Industrial and Systems Engineering**

Martin Cala, Option Coordinator  
2520 Moser Hall  
(330) 941-1746  
mcala@ysu.edu
ISEN 6906 Supply Chain Engineering. In an expanding global economy, efficient and responsive supply chains are critical to business success. This course explores key aspects of supply chain engineering with an emphasis on mathematical approaches to supply chain analysis. Topics include demand forecasting, inventory modeling and control, facility location, capacity planning, transportation, warehousing, scheduling, material requirements planning, and procurement. Prereq.: ISEN 3710/6921 and consent of instructor. (New course) 3 s.h.

ISEN 6908 Logistics Engineering and Management. Study of logistics from a systems engineering perspective. Covers design of systems for supportability and serviceability, the production and effective distribution of systems for customer use, and the sustaining maintenance and support of systems throughout their period of utilization. Prereq.: ISEN 3720 ISEN 5801 or consent of instructor. (New course) 3 s.h.

MECHANICAL AND INDUSTRIAL ENGINEERING

Hazel Marie, Program Director
2530 Moser Hall
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hmarie@ysu.edu

ISEN 5880 Management of Technology and Innovations. The course discusses major topics in management of technology and innovations: Dynamics of technology innovation, sources of technology innovations, corporate technology strategy, collaboration of intellectual property, structure and processes for innovations, idea generation commercialization of technology and innovations and market entry. Prereq.: Senior standing or consent of instructor. (Change in course title and description) 3 s.h.

ISEN 6910 Design and Analysis of Experiment. Introduction to the principles of experimental design, the analysis of variance method, the difference between fixed and random effects and between nested and crossed effects, and the concept of confounded effects. The designs covered include completely random, randomized block, Latin squares, split-plot, factorial, fractional factorial, nested treatments and variance component analysis, response surface, optimal, Latin hypercube, and Taguchi method. (New course) 3 s.h.

MARKETING

Bruce Keillor, Chair
3341 Williamson Hall
(330) 941-1894
bdkeillor@ysu.edu

MKTG 6945 Integrated Marketing Communication. (Deleted course)

MKTG 6946 Consumer Behavior. (Deleted course)

MKTG 6947 Marketing and Social Responsibility. (Deleted course)

MKTG 6948 Global Marketing Communication. The course explores how culture and globalization impact marketing and communication activities of companies operating in multiple markets or multinational companies entering or operating in countries outside their home market. Provide extensive understanding of issues and challenges in marketing communication through a global perspective. Prereq.: MKTG 3703 or 6942 (New course) 3 s.h.
Mathematics and Statistics

Angela Spalsbury, Chair
503 Lincoln Building
(330) 941-7162
aspalsbury@ysu.edu

MATH 6920 Advanced Topics in Algebra. (Deleted course)

MATH 6996 Mathematical Project. Individual research project culminating in either a paper or significant progress toward a thesis. May be repeated once if the second project is in a different area of mathematics. (Change in description) 1-3 s.h.

MATH 6999 Thesis. Addition of the Prereq: MATH 6996 and a change in semester hours (Change in description, prerequisite and course hours) 3 s.h.

Nursing

Nancy Wagner, Chair
2044 Cushwa Hall
(330) 941-1449
nhwagner@ysu.edu

NURS 6916 Anesthesia Principles I-Advanced Health Assessment. Advanced systematic focus on the health assessment of patients preparing for anesthesia and integration of the assessment management plan. (Change in course title and description) 2 s.h.

Physical Therapy

Nancy Landgraff, Chair
B086 Cushwa Hall
(330) 941-2703
nlandgraff@ysu.edu

PHYTH 8800 Pathology. Disease processes and trauma in human from a structural and functional level; relationship between pathology and clinical signs and symptoms, etiology, differential diagnosis, prognosis, and treatment. (Change in course number) 4 s.h.

PHYTH 8904 Integrated Clinical Education Experience. Initial clinical experience in examining, evaluating and treating basic patients/clients in four practice settings (acute care, outpatient, geriatric and rehab). Part-time 12 week experience (3 weeks in each setting) under the supervision of a licensed physical therapist (Clinical Instructor and/or faculty). Prereq.: Admission to D.P.T. program. (Change in course title, description and course hours) 6 s.h.

PHYTH 8906 Critical Inquiry I. Develop skills needed to create and answer clinical questions including: use of technology to obtain information, evaluation and application of the information for decision making. Examine the application of current literature to clinical decision making. Emphasis on written research communication methods: scientific writing, documentation and literature reviews. Examine the use of qualitative, quantitative and non-experimental research in health care that are used to inform physical therapy practices. Introduction of group research projects as a means of clinical inquiry. Prereq.: Admission to DPT program. (Change in description and course hours) 3 s.h.
PHYTH 8910 *Critical Inquiry II.* Analysis of literature based on historical and state of the art theories and methods. Evaluate research on selected physical therapy topics. Introduction to research ethics, IRB processes and funding. Participation in faculty led, group research projects. Prereq.: Admission to DPT program. *(Change in description)* 2 s.h.

PHYTH 8927 *Critical Inquiry Planning.* *(Deleted course)*