

University of Buffalo

<http://undergrad-catalog.buffalo.edu/policies/degree/gened.shtml>

General Education Requirements

For All Students Who Enter Fall 2009 and Spring 2010

Writing

Complete ENG 101 and ENG 201, or ENG 102, as placed, unless exempted.

Library Skills

Complete the Library Skills Workbook.

Mathematical Sciences

Complete one course from the following lists.

Recommended Courses For Students Who are Not Meeting a Specific Requirement of a Major

- CSE 111 Great Ideas in Computer Science I
- STA 119 Introduction to Statistics

Additional Courses that Satisfy the Mathematical Sciences Requirement

- CEP 207 or GEO 410 or MGQ 301 or PSC 408 or PSY 207 or SOC 294 or SOC 404 or SSC 225 or STA 111 - STA 112*
- CSE 113 Introduction to Computer Science I
- CSE 114 Introduction to Computer Science II
- CSE 115 Introduction to Computer Science for Majors I
- CSE 116 Introduction to Computer Science for Majors II
- CSE/MTH 191 Introduction to Discrete Mathematics I
- CSE/MTH 192 Introduction to Discrete Mathematics II
- MTH 115 or ULC 148 Survey of Algebra and Trigonometry
- MTH 121 or MTH 131 or MTH 141 or MTH 153*
- MTH 122 or MTH 142 or MTH 154*
- MTH 181 Conceptual Mathematics I
- PHI 315 Symbolic Logic
- PHI 415 Logical Theory I
- PHI 416 Logical Theory II

Courses grouped together are equivalent courses. Students should not take more than one course from each group

World Civilizations

Complete UGC 111 - UGC 112 World Civilizations I-II. (**See note at end of this section.)

Natural Sciences

Students must complete a two-course sequence, including at least one semester of laboratory. Allowable two-course sequences are outlined in lists below.

Recommended Course Sequences for Students Who Are Not Meeting a Specific Requirement of a Major

- BIO 129 - BIO 130 Perspectives in Human Biology
- GEO 101 and GEO 106 Physical Environmental Geography
- GLY 101 - GLY 102 Global Environmental Science
- NTR 108 - NTR 109/NTR 110 Human Nutrition/Nutrition in Practice
- PHY 121 - PHY 122 Descriptive Astronomy

Additional Course Sequences that Satisfy the Natural Sciences Requirement

- BIO 200 Evolutionary Biology and BIO 201 Cell Biology
- BIO 200 Evolutional Biology and BIO 309 Ecology
- CHE 101 - CHE 102 General Chemistry
- CHE 105 - CHE 106 Chemistry: Principles and Applications
- CHE 107 - CHE 108 General Chemistry for Engineers
- GLY 103 - GLY 104 Evolution of the Earth and Solar System
- PHY 101/PHY 151 - PHY 102/PHY 152 College Physics I-II/Lab
- PHY 107 - PHY 108/PHY 158 General Physics I-II/Lab
- PHY 117 - PHY 118/PHY 158 Honors Physics I-II/Lab

Note: School of Architecture majors only complete ARC 352 and PHY 101; Nursing and OT majors only complete ANA 113 and PGY 300.

American Pluralism or Cognate (approved equivalent courses)

Complete UGC 211 American Pluralism and the Search for Equality or any one of the following: AAS 261, ARC 211, AHI 390, DMS 213, GEO 231, HIS 161, HIS 162, LIN 200, SOC 211. (**See note at end of this section.)

Note: UGC 111 - UGC 112 World Civilizations I-II should be completed first.

Social and Behavioral Sciences

Complete one 3-credit course offered by APY, CDS, COM, ECO, GEO, LIN, PSC, PSY, SSC, or SOC; or ARC 122, PD 120, PD 212.

Note: Courses used to satisfy any other general education requirement are excluded.

Language Requirement

Complete second-semester course or demonstrate proficiency in a language other than English equivalent to completion of one second-semester course (e.g., SPA 102/FR 102 or SPA 104/FR 104). Students continuing instruction in the same language as studied in high school will ordinarily take one additional semester of language study. Students beginning a new language will ordinarily take two semesters of language study.

Students may demonstrate proficiency in a language other than English by:

- Completing a second-semester course at the appropriate level (e.g., SPA 102 or SPA 104); or
- Achieving a minimum score of 600 on a College Board Foreign Language Achievement Test; or
- Achieving a minimum score of 3 or 4 (depending upon the language and the test) on an AP test in a foreign language; or
- Showing a high school diploma from a country whose language of instruction is other than English; or
- Passing a “challenge examination” administered by the Department of Romance Languages and Literatures.

Note: Majors in the following schools and program are not required to complete language study: Architecture; B.F.A. in Art, Dance, Music Theatre, Theatre; Pharmacology and Toxicology; Bioinformatics; Biomedical Sciences; Biotechnology; Engineering (except Computer Science); Informatics; Management; Medical Technology; Medicinal Chemistry; Nuclear Medicine Technology; Nursing; Pharmaceuticals, Pharmacy; and Public Health and Health Professions.

Note: Some majors and minors require additional semesters of language study.

Humanities

Students completing ENG 101 and ENG 201 have met this requirement. Students completing ENG 102 must complete one 3-credit course offered from AAS, AMS, CL, COL, ENG (excluding ENG 101/ENG 201), FR, GER, HIS, HMN, ITA, JDS, PHI, RSP, SPA, WLP, WS, and other languages.

Note: Courses used to satisfy any other general education requirement are excluded.

Arts

Complete one 3-credit course offered by ART, AHI, DMS, MTR, MUS, TH, or THD; ARC 121 is also an option. (**See note at the end of this section.)

Note: Courses used to satisfy any other general education requirement are excluded.

Depth Requirement

Complete any one of the following:

- Third-semester language proficiency (e.g. SPA 151)
- An additional course from the listing of mathematical sciences courses
- UGC 302 or UGC 303 Great Discoveries in Science
- A natural sciences course numbered 200 or higher
- Any one of the following courses: APY 310, APY 328, APY 338, APY 344, APY 345, APY 348, APY 350; ARC 442; CDS 288, CDS 382; GEO 345, GEO 347, GEO 348, GEO 350, GEO 352, GEO 356, GEO 435, GEO 449; PSY 351, PSY 402, PSY 434, PSY 435, PSY 436, PSY 439

Note: Courses used to satisfy any other general education requirement are excluded.

***Note: Students who entered UB with 24 or more transferable credit hours from an institution of higher education other than UB are exempted from the World Civilizations, American Pluralism, and Arts requirements. These credits must have been earned prior to enrollment at UB.*

General Education Requirements

General education requirements can be found at the [General Education Program Web site](#).

Requirements differ by student status. Please note that there are different requirements for: (1) students who entered as freshmen; (2) students who entered as transfer students; (3) re-entering students who were recently enrolled at UB; (4) re-entering students last enrolled more than five years ago; (5) students enrolled for a second bachelor's degree; (6) students enrolled who have a completed bachelor's degree from a foreign institution; and (7) students with a registered learning disability. See an advisor for details.

General Education Advising Notes

S/U grading is not an option in any course used to satisfy General Education requirements. Internship, Independent Study, Undergraduate Teaching, Experiential Learning, and other courses not based on classroom experiences may not be used to meet general education requirements.

Any given course may be applied toward only one General Education requirement unless explicitly noted otherwise.

Only the specified courses or those that articulate to the specified courses listed for each respective General Education requirement may be used to fulfill that particular requirement. No other courses qualify.

SUNY has established *minimum* General Education requirements for campuses across the SUNY system. UB's General Education program meets, and in many cases exceeds, these requirements. Students should understand that meeting SUNY General Education requirements at other campuses does not necessarily mean that they have met UB's requirements or that they are exempt from certain UB requirements.

Finally, students may be required by UB to participate in periodic assessment activities in order to ensure that the goals and learning outcomes of the General Education program are being achieved. Activities solely for UB/SUNY assessment purposes do not affect a student's grade in the course, but student activities required and graded for the course may be used separately for assessment purposes as well.

<http://gened.buffalo.edu/documents/LanguageSubstitutionList20081022.pdf>

General Education Foreign Language Requirement Policy for Students with Documented Learning or Other Cognitive Disabilities

A small number of UB students have documented learning or other cognitive disabilities that affect foreign language acquisition. These students may be accommodated with an alternative series of courses if, and only if, they have been certified by the Director of Disability Services as requiring this accommodation. With his prior petition approval, one of the approved alternative series of courses listed here will be accepted as meeting the foreign language skills requirement (two course sequence) in General Education. These sequences meet the intention of the SUNY General Education foreign language

requirement. The courses listed are taught in English.

Select ONE of the following Linguistics courses:

LIN 106, LIN 108, LIN 205*, LIN 207

*Students are encouraged to consult with the Office of Disability Services before registering for LIN 205.

And select ONE of the following Cultural Studies courses:

(the site has a long list of courses)

<http://gened.buffalo.edu/documents/GE-and-the-major.pdf>

OFFICE OF THE VICE PROVOST FOR UNDERGRADUATE EDUCATION

GENERAL EDUCATION POLICY

I. BASIC TENET

General Education is an integral segment of an individual's degree program. The major and general education components constitute a single, whole curriculum of study for any major.

II. GENERAL EDUCATION AND THE MAJOR

When a student changes their major, they must complete the course requirements for the General Education Program of the new major.

o If a student has completed the course requirements for the General Education Program for their previous major at the time they commenced taking courses toward a new major, they may graduate under the previous general education program. This adjustment is made through the completion and filing of a **DARS Change Form**.

o If a student is within 3 courses of completing the course requirements for the previous general education program, they may **petition** to graduate with the previous general education program. The petition must include a detailed comparison of the previous and new general education requirements and a projection of required courses for their remaining semesters of enrollment in order to demonstrate that changing General Education requirements would cause a significant delay in graduation.

Students with double majors and joint majors must seek General Education advice from their DARS report and an advising unit from one of their majors to determine their course requirements for the General Education Program.

o If one of the student's majors does not require the language requirement, then the student will not be required to complete this requirement.

III. REENTERING STUDENTS

Beginning with the Fall 2003 semester, reentering students, including former MFC students, will adhere to the General Education Program that is active at the time of their re-entry.

o If a reentering student originally entered UB as a freshman during their previous enrollment, he or she will be required to complete the course requirements for the UB General Education Program for new freshmen. (This is regardless of whether these students have taken coursework in the interim at another college.)

o If a reentering student originally entered UB with 24 or more credit hours from another accredited institution (during previous enrollment), he or she will be required to complete the course requirements for the UB General Education Program for new students, and will be waived of the American Pluralism, Arts, and World Civilizations requirements. (This is regardless of whether these students have taken coursework in the interim at another college.)

o Reentering students may be allowed to waive general education requirements or graduate under their initially entered General Education Program under a few conditions:

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Amended

4/6/2004 & 3/7/2008

Conditions for approval which can be handled by filing a **DARS Change Form** are:

1. If a student returns with a bachelor's degree from an accredited US college, he or she is exempted from completing additional General Education course requirements.

2. A transcript from another accredited college will be evaluated to determine whether UB's General Education requirements have been met. If the UB General Education requirements have been met, the student will be exempt from completing additional General Education courses in that category.

A transcript from a SUNY campus which includes a General Education Transcript Addendum (GETA) that records completion of some or all SUNY General Education requirements will waive additional course requirements at UB for completed general education requirements.. Please note that requirements for a major may require additional coursework

3. If a student's course requirements for the UB General Education Program have already been completed and the student has been gone from UB for 5 or less years, he or she may graduate with their original general education requirements.

Conditions for consideration with a **full petition** are:

1. If a student is gone for 5 years or less and they are within 3 courses of completion of their previous general education course requirements, he or she may petition to graduate with the previous general education program. The petition must include a detailed comparison of the previous and new general

education course requirements and a projection of required courses for their remaining semesters of enrollment in order to demonstrate that changing General Education requirements would cause a significant delay in graduation.

2. If a student has been gone for more than 5 years and has completed the general education requirements that were in place during their previous enrollment they may petition for a waiver of additional general education courses if the new requirements will significantly delay graduation.

■ **Transfer Articulation Questions?**

Prospective students: should consult the [TAURUS](#) web site. They can also send in an application and when they are admitted, they will then receive information about how to request articulation.

Admitted students: should refer to the letter from the Transfer Council which was included with their offer of admission. It includes instructions on how to request course articulation. The attached flyer describes the process.

Current UB students: Should fill out the articulation form available on the TAURUS web site, attach course descriptions and course syllabi to the form and send the articulation request to the department that teaches the requested course/s.

If your transfer courses are not matched on your DARS report and you think they should be: you can [find out more](#).



Student Resources

Site Menu

- Home Page
- Gen Ed Requirements
- Our Courses
- Student Resources
- Faculty and Staff
- Tools For Teaching
- TA's: Need to Know
- Web Resources

Check it Out....

Below, you will find links to the most commonly used Gen Ed and related U.B. student resources. If you do not find a resource below, try [searching our site](#), or feel free to contact us with questions. If you have general questions about U.B., financial aid, registration or bill paying, visit the comprehensive [Student Response Center](#) site for more assistance.

Gen Ed Policies and Requirements

- [General Education Requirements](#)

Getting Help / Advisement

- [Undergraduate Advising](#) - If

UGC Learning Tools

- [Library Guide for World Civilizations: Prehistory to 1500](#) - This guide lists sources which will help you begin research relevant to your World Civilizations course (UGC 111) in

■ Current Course Descriptions

■ PDF Syllabi Collection

you have questions, this website offers a list of helpful links for students needing Undergraduate Academic Advisement. For more specific questions or degree help, they also offer specific links for all [departmental advising services](#).

- [College of Arts & Sciences Student Advisement](#) - If you have questions or concerns that revolve around your individual schedule or the fulfillment of your requirements for graduation, the folks at the CAS Advisement Center are happy to be of assistance.

Schedule Planning Tools

The following tools and links will help you design your class schedule.

- [Class Schedules Online](#)
- [Academic Calendar](#)
- [Registration Windows](#)
- [Tuition and Fees](#)
- [DARS-TAURUS](#)
- [Transfer Students & Transfer Credits](#)

Bookstores

The University at Buffalo Gen Ed Faculty utilizes a host of stores and resources for ordering textbooks. The following stores are used by faculty

the University at Buffalo Undergraduate Library (UGL) and on the World Wide Web.

- [Library Guide World Civilizations: 1500 to Present](#) - This guide lists sources which will help you begin research relevant to your World Civilizations course (UGC 112) in the University at Buffalo Undergraduate Library (UGL) and on the World Wide Web.
- [American Pluralism Library Resources](#) This page links to databases in which you may search for articles from scholarly journals, magazines, and newspapers, relevant to topics covered in American Pluralism. You may also browse the following guides that include call numbers for pertinent books, BISON catalog searching techniques, and web sites:
 - [American Pluralism](#)
 - [African American Studies](#)
 - [Asian-Pacific Americans](#)
 - [Ethnography](#)
 - [Native American Studies](#)
 - [Religious Studies](#)

Please direct any questions on library resources in American Pluralism to Tiffany Wlash. She

across campus.

- [Follett's University Bookstore](#) - on North Campus
- [Follett's Medical Bookstore](#) - across from South Campus
- [The College Store](#) - Maple Road (Amherst)
- [Talking Leaves](#) - located on Main St and on Elmwood

can be reached at trwalsh2@buffalo.edu, or 645-2944 ext. 244.

- **[Research and Writing Tools For Students](#)** - the libraries and the .etc. helped assemble a very helpful set of resources for students. Visit this area for very helpful research tools and assistance.

Selecting and Registering for UGC Courses

- **[Policies and Procedures for Exception Registration in UGC courses](#)**
- **[Current Course Listings](#)** (Section, Registration Numbers, Instructors, Times and Locations)
- **[Current Course Descriptions](#)** - this area has specific descriptions of course requirements, course material, and topics covered in UGC course sections.
- **[Course Syllabi](#)** - check out syllabi from past General Education Courses
- **Waiting List Information** Currently, there are enough open seats for all potential registrants. We do not force any

students in General Education courses. If there is a true need for a seat, please talk to an advisor in the Arts and Sciences Advising and Student Services Center in 275 Park Hall. An alternative is to take a Gen Ed course over the summer.



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