## 2012-2014 Report to CAA from ULAC

## Summary

The University-Level Advisory Committee (ULAC) for the General Education program at the Ohio State University, a subcommittee of the Council on Academic Affairs (CAA), is charged with providing an annual report and recommendations to CAA on the status of the General Education (GE) program, making recommendations with respect to the GE as appropriate, and monitoring the national dialogue on general education.

In 2012-14, ULAC considered issues related to semester conversion, including a review of changes in the GE relative to the GEC-R, reviewed university-wide assessment data, consulted with the Arts and Sciences Curriculum Committee Assessment Panel on issues relating to GE outcomes assessment, and studied recent findings with respect to general education high-impact practices and outcomes assessment.

Overall, the quarter to semester transition went remarkably smoothly. ULAC has a number of recommendations regarding the student curricular experience and GE outcomes assessment, including:

- Explore technological solutions for GE outcomes assessment
- Involve students and academic advisors in collecting university-wide evidence of student learning
- Expand the use of rubrics in GE outcomes assessment
- Support institutional efforts to increase student participation in high-impact educational practices
- Continue annual data collection to monitor GE course offering and student enrollment patterns
- Continue efforts to communicate GE learning outcomes and approval processes to the University community


## 1. State of the general education program

## GE vs GEC-R comparisons:

The framework for the semester-based general education requirements (GE) was developed by ULAC in 2009-10 in the context of a formal statement about the curricular experience at Ohio State (Appendix 2). The semester-based GE requirements (see Appendix 3 for their implementation in the College of Arts and Sciences) are presented as a topical list that is generally based on the categories present in the quarter-based general education curriculum as revised for students entering the University in 2008 (the GEC-R). A number of significant differences between the GE and GEC-R are summarized below and should be monitored with respect to their potential impacts on the undergraduate experience at Ohio State.

## GEC-R requirements that no longer exist as separate requirements

The third writing course required in the GEC-R was approved within the major for some majors, but was not universally implemented. This requirement has been dropped in the GE, with the consequence that all students are now required to take two semesters of writing (Writing Level 1 and Writing Level 2,6 semester credits) in place of two or, in some cases, three quarters of coursework (First, Second, and Third Writing courses; 10-15 quarter credit hours). The consequences of this change are complex: many students will spend a longer time engaged in the study of writing and related skills (two semesters rather than two quarters), although the number of contact hours will not change significantly; other students (if their majors dropped the third writing requirement in converting to semesters) may see a reduction in the amount of time and depth in their study of writing and related skills.

The Issues of the Contemporary World (Capstone) category in the GEC-R BA requirements is no longer a separate requirement in the GE. The former capstone courses are now counted as cross-disciplinary seminars in the Open Option of the GE (see below).

## Open Option in the GE

The "Additional Breadth" area of the GEC-R allowed students to take additional coursework in any "breadth" category of the GEC; this concept has been significantly expanded in the "Open Option" of the GE requirements, allowing students more flexibility to complete GE requirements and supporting students who engage in high-impact curricular experiences. Under the Open Option, students may count courses in any of the GE categories, or any approved service learning course, education abroad course, or cross-disciplinary seminar (including the former capstone courses). As was the case with the Additional Breadth category of the GEC-R (per the 2010-11 ULAC draft report), it is likely that many students, rather than taking full advantage of the flexibility offered within the Open Option, are fulfilling this requirement with courses that are prerequisites for their major or are closely related to their major area of study.

ULAC recommends further study of the Open Option and how it is actually being implemented in students' programs of study. It is difficult to use the current degree audit system to tease out student intentions with respect to satisfying GE requirements. ULAC recommends further study of this curricular option through consultation with students and academic advisors, and continued monitoring of enrollments in the Open Option-approved service learning and education abroad courses, and in cross-disciplinary seminars (see Appendix 4 - because there were no approved service-learning courses yet in 2012-13, no enrollment data are presented for those courses).

## Modified GE categories

The science requirement in the GE has changed somewhat with respect to the GEC-R: the number of courses required is (nominally) lower, and the requirement for a two-course sequence has been dropped. The semester-based GE for B.A. programs requires a minimum of 10 credit hours of science coursework, including at least one course in the biological sciences and one in the physical sciences, and at least one course with a laboratory. In comparison, in the GEC-R, BA students were required to take three quarters of natural sciences: one two-quarter sequence in the biological or physical sciences and a third course in the area not covered, with at least one of the three including a lab. The net effect of the changes in the science category of the GE for students seeking a BA is likely to be increased flexibility, but with no net change in the number of courses or labs taken to satisfy the requirement (students are likely to take three one-semester courses in place of the previous three-quarter requirement).

The semester-based GE for B.S. programs likewise requires a minimum of 10 credit hours of science coursework, including at least one course in the biological sciences and one in the physical sciences; however the B.S. requires two labs, one in each area of the sciences. In the GEC-R, BS students were required to take four quarters ( 20 credit hours) of natural sciences: one two-quarter sequence in the biological or physical sciences and two additional courses, with at least one in the area not covered by the sequence, and with at least one of the four courses including a lab. The GE science requirement for B.S. students is simplified, and represents a nominal reduction in the number of courses and credit hours needed to satisfy the science requirement.

Finally, as is evident above, the GE science requirement is stated in terms of both courses and credit hours, with ramifications that may not be readily apparent to students. ULAC recommended that documents describing the GE science requirement should clarify this requirement so that it is readily apparent to students that they may need to take three or more courses and/or they may exceed 10 credit hours in satisfying this requirement.

The Cultures and Ideas category of the GEC-R has also changed somewhat under the semester-based GE. Many Cultures and Ideas courses can satisfy Social Diversity in the United States or Global Studies requirements in the GE, but these latter requirements are intended to overlap with another GE category. In the GECR, most Cultures and Ideas courses effectively could be counted only under the Additional Breadth category. In the GE, courses in this category can be used as Open Option courses or in place of a second Historical Study course.

Finally, the Historical Study requirement under the GE is somewhat reduced, with only one course formally required under the GE, where two were required in the GEC-R.

## Global Studies

The Global Studies category of the GE replaces two categories (International Issues: Western, non-US, and International Issues: non-Western or Global) in the GEC-R. Merging the Western and non-Western or Global distinctions is likely to be less confusing to students, advisors, and faculty, and to better reflect the world in which we live. It is important to distinguish Global Studies and education abroad to avoid confusion when a course satisfies only one of these options.

## College-level variability

While there is a common university-wide core within the GE program, some variability in implementation continues under semesters, similar to the variability in the GEC-R under quarters. For example, colleges outside the College of Arts and Sciences do not universally require foreign language proficiency. Generally, exceptions to the GE should be (and have been) justified either because they duplicate content in the major or because of other extenuating circumstances.

## Variability in credit hours

Under the quarter system, almost all GEC-R courses were 5-credit courses. In part because of the modified definition of a semester credit hour, courses approved in the GE no longer adhere to a single credit hour norm. This has the effect of providing more options and generally greater flexibility for students. For example, to meet the 10-credit GE science requirement, students may take two 3-credit and one 4 - credit course, or two 5-credit courses (depending on course availability).

## Course offerings under semesters

The numbers of approved courses in the GE are compared with the last year of GEC-R courses under quarters in Appendix 5. Overall, the number of courses has not changed significantly, with the exception of Historical Study. The change in Historical Study course counting is largely an artifact of the way these courses were listed under quarters. Under the GEC-R, most courses offered by the Department of History could be counted as a second Historical Study course, but they were not officially designated GEC courses. Upon semester conversion, these courses became officially designated as GE courses, and can be used for the first or second Historical Study course.

In Appendix 6, the distribution of GE courses by college is provided. The majority of GE courses are still offered in the College of Arts and Sciences.

## GE Course enrollments

Course enrollment data for the 2012-13 academic year are provided in Appendix 7. Because not all one-quarter courses were directly converted to one-semester courses, comparisons
between the first year of semesters and previous years are difficult. It is clear that certain courses dominate certain categories of the GE, but that students have many additional choices as well as the lead courses in any one category. ULAC expect that these data will be collected every year for comparative purposes.

## 2. Data review

As part of this review, ULAC considered which data about GE courses and patterns of enrollment could be used systematically and should be collected every year (Appendices 4-8). The College of Arts and Sciences Curriculum and Assessment Services Office and the Office of Enrollment Services Analysis and Reporting were able to provide to the committee the data needed to evaluate GE course offerings. With 2012-13 being the first year of the transition to semesters and of the transition from GEC-R to GE requirements, retrospective comparisons of course offerings and enrollments were not undertaken. Trends in semester-based GE course enrollments will be evaluated in future years.

In addition, ULAC reviewed data obtained from the Collegiate Learning Assessment (CLA), National Survey of Student Engagement (NSSE), and the University's pre-graduation undergraduate student survey. Data from these instruments were used previously to justify the inclusion of education abroad and service learning in the Open Option category of the GE. CLA data from 2009 freshmen and 2010 seniors showed gains in holistic measures of written communication, analytical reasoning and problem solving abilities. The skills assessed in the CLA align with several GE expected learning outcomes. GErelevant NSSE data from 2004, 2007, and 2010 included strong positive student responses regarding the University's contribution to their knowledge, skills and personal development in written communication, critical and analytical thinking, and in analyzing quantitative problems. Student responses regarding oral communication and solving complex real-world problems were a little lower, although the more recent survey years are increasingly positive. Data from the university-wide exit survey indicate that with respect to knowledge- and skills-related outcomes, $80 \%$ or more of students agreed they had attained the learning expected of Ohio State graduates. The data collected from these assessments is useful, but it is important to also obtain direct indicators of student learning. ULAC endorses efforts to employ standardized instruments, such as the Collegiate Learning Assessment Plus (CLA+), which uses performance tasks, for this purpose.

## 3. College of Arts and Sciences GE-related activities

## GE course proposals approved:

Panels consisting of ASC Curriculum Committee (ASCCC) members and representatives of other colleges review new and existing courses that have been submitted for GE approval, and the panels make recommendations to the full ASCCC. Appendix 8 summarizes the numbers of GE courses reviewed by ASCCC in 2012-13. This rigorous process helps ensure the high quality of GE courses; however there are concerns that units outside the College of Arts and Sciences are not
sufficiently aware of the process for submission of course proposals for GE status. ULAC recommends continued outreach efforts by the ASC Curriculum and Assessment Services Office to ensure that these processes are clearly and widely communicated.

## Assessment

The Assessment Panel of ASCCC expanded its previous assessment plans to include additional emphasis on category-level assessment of GE learning outcomes. Rubrics are being used to assess GE learning outcomes in education abroad and service learning categories of the Open Options experiences. In addition, the Assessment Panel is working with a few departments that have large GE enrollments and a record of involvement in a particular category of the GE to develop rubrics that can be used to provide evidence about student learning in all courses within that category. The ASCCC Assessment Panel is also continuing to collect reports for many of the high-enrollment GE courses, including regional campus offerings.

## ASC Curriculum and Assessment Services Office

The ASCCC and the ASC Curriculum and Assessment Services Office continue to publicize the expected learning outcomes of the GE. The ASC Curriculum and Assessment Services Office sends reminders to all course-offering units to include GE learning outcomes on course syllabi every time a GE course is offered.

## 4. National trends in GE

Nationally, there is a growing awareness that students will experience more flexibility in how they may earn college credits: for example, they may earn GE credits while in high school through advanced placement courses, international baccalaureate programs, dual enrollment courses taught at their high school that bear college credit, and/or dual enrollment at local colleges and universities. The increase in students bringing college credits with them upon matriculation at Ohio State highlights the need to reaffirm the value of the University's curricular experience and the value of student interactions with university faculty. To this end, ULAC recommends enhanced communication about the value of the GE with faculty and students, as well as the larger community of parents and Ohio residents.

ULAC reviewed reports from the Association of American Colleges and Universities (AAC\&U) about the value of so-called" high-impact" educational activities (as defined by George D. Kuh for the AAC\&U: firstyear seminars and experiences, common intellectual experiences, writing-intensive courses, collaborative assignments and projects, undergraduate research, diversity/global learning, service and community-based learning, internships and capstone courses and projects). NSSE survey data (Appendix 9) about these high-impact practices were shared with the curricular Deans, who joined ULAC in requesting more data about the implementation of these high-impact practices across the university, including demographic data about student participation. Some of these educational activities are already widely implemented, and the new STEP (second-year transformational experience program) will facilitate student consideration of and engagement in several of these high-impact educational practices.

The AAC\&U has spearheaded the development of rubrics (LEAP rubrics, available at the AAC\&U web site) that can be used to measure student achievement of learning objectives that are widely held to be desirable outcomes of higher education. ULAC has examined these rubrics, and endorses the idea of using similar rubrics to assess GE learning objectives.

## 5. Next steps for ULAC

## Explore technological solutions for GE outcomes assessment

There are potentially large amounts of data about student curricular experiences (e.g. tracking student performance from one course to the next) and student learning (e.g. student writing in courses other than GE writing courses) that cannot easily be collected and used to evaluate the GE because of technology limitations. In addition, there are sources of data that go untapped (e.g. in some colleges, student outcomes after they graduate from Ohio State). Ideally, better coordination between different offices (e.g. departments, Career Services, the OSU Alumni Organization), and better use of data analytics could dramatically improve our ability to understand how students learn during their undergraduate experience at Ohio State.

Furthermore, once rubrics are available for specific categories of the GE (see below), it would be useful to integrate them into our course management system, Carmen, so that instructors can utilize the rubric when evaluating assignments that address GE learning objectives. The data could then be collected from the Carmen sites for all GE courses, allowing efficient reporting of GE outcomes data.

## Involve students and academic advisors in collecting university-wide evidence of student learning

ULAC recommends formation of a student advisory group that can help develop strategies for GE outcomes assessment, disseminate information about the GE, and implement plans for GE improvements. Such a student advisory group can serve as a rich source of information about how students navigate the GE and through their own participation in assessment efforts, about student learning.

In many ways, advisors are the face of the GE, in that they explain the GE principles and rationale to students, they assist with GE course selection, and they help students build a cohesive curriculum that achieves the goals of the OSU Curricular Experience. In 2009, ULAC conducted a focus group to obtain information from advisors about how students were navigating the (Au 2007) revised GEC. At that time, advisors noted that the greater flexibility in the revised GEC seemed to be working well, but that there was a need for better communication about college-specific requirements and new GEC course approvals, among other things. In 2011-12, ULAC's GE framework for semester conversion included specific recommendations supporting advising flexibility during the quarter-to-semester transition. Now that students and advisors are settling into semesters and many of the transition issues are behind us, ULAC would like to revisit issues raised earlier by advisors and to determine whether
there are semester-specific advising concerns that need to be addressed. To this end, ULAC will conduct focus groups and/or surveys with advisors from different colleges across the University and develop a plan to improve communications regarding the GE, find out more about how the Open Option is used, and tackle any other issues raised.

## Expand the use of rubrics in GE outcomes assessment

The ASCCC Assessment Panel has modified its previous GE assessment plan to include rubricbased assessment at the category level. Faculty teaching courses in the Education Abroad and Service Learning categories of the Open Option are now using a common scoring rubric to evaluate student achievement of GE expected learning outcomes, providing a consistent set of data that is then reviewed by the Assessment Panel. Additional rubrics are in various stages of development for use in additional GE categories (not just in the Open Option).

## Support institutional efforts to increase student participation in high-impact educational practices

ULAC recommends that colleges and departments be surveyed to determine the extent of student participation in high-impact educational practices, and encouraged to expand student participation in these practices, which include first-year seminars and experiences, common intellectual experiences, writing-intensive courses, collaborative assignments and projects, undergraduate research, diversity/global learning, service and community-based learning, internships and capstone courses and projects.

## Continue annual data collection to monitor GE course offering and student enrollment patterns

Reports should include information about trends in GE courses such as numbers of courses offered by category, enrollments categorized by course, section, category, and offering unit, and numbers of courses offered by the College of Arts and Sciences and other colleges. Student enrollment patterns in the Open Option areas should be monitored. To the extent possible, data should also be collected to evaluate whether students take advantage of changes in the GE to maintain breadth or increase concentrations (e.g., by pursuing more minors or double majors).

## Continue efforts to communicate GE learning outcomes and approval processes to the University community

To help clarify how the GE has been implemented in different colleges, ULAC recommends the development of college-specific GE templates. Adaptation and implementation of the GE varies within different colleges at the University. The rationales for these variations seem reasonable, given the educational objectives of different programs at Ohio State. To help us evaluate the potential impact of variations in the GE on the student experience, and to help students understand the differences among programs, a series of GE templates for each college in a standardized format is needed.

## Appendices

We gratefully acknowledge the support and data collection efforts of the College of Arts and Sciences Curriculum and Assessment Services Office, especially Danielle Hogle, and those of the Office of Enrollment Services Analysis and Reporting, especially Linda Katunich.

1. 2012 and 2013 ULAC membership
2. Curricular experience statement
3. Arts and Sciences GE template
4. Education Abroad approved courses and enrollment numbers; interdisciplinary seminars and enrollment numbers
5. Quarter and Semester Course Counts
6. GE courses by college
7. Course enrollments by GE category
8. Course proposal statistics from Arts and Sciences Curriculum and Assessment Services Office
9. NSSE data

Appendix 1.
2012 and 2013 ULAC membership

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Appendix 2.
Curricular experience statement

## Curricular Experience at The Ohio State University Approved by the Council on Academic Affairs - 05/26/2010

The Ohio State University educates students to solve problems; to think critically, logically, scientifically, and creatively; and to be engaged and responsible global citizens. The University's curriculum-comprising distinct, yet interrelated programs in general education and specialized study-enables students to develop the knowledge, skills, and perspectives that equip them to learn and adapt, to contribute and succeed in a rapidly changing world.

The general education program enables students to acquire and develop a breadth of knowledge, skills, and perspectives that cross disciplinary boundaries and extend to areas outside specialized study programs.
Majors, minors and other specialized study programs enable students to master, to various degrees, bodies of knowledge and the skills, perspectives, and modes of inquiry related to their study.

Students who complete a degree will achieve the following goals:
$\square \quad$ Expand and develop knowledge of the major domains of inquiry, including their interdependencies and limits

- Develop and refine the skills needed to
$>$ acquire, comprehend, and evaluate information and arguments
$>$ communicate clearly, precisely, and effectively
$>$ analyze and assess using qualitative and quantitative methods
> integrate, create, and apply knowledge
- Develop and assimilate perspectives to
> interpret past and contemporary world cultures, events, and issues
$>$ make discriminating aesthetic judgments
> formulate considered and reasoned ethical judgments
$>$ understand the roles of science and technology
$>$ recognize and respect diversity

Disciplina in civitatem


Appendix 3.
Arts and Sciences GE template

| College of Arts and Sciences (ASC) Semester-based General Education (GE) Requirements |  |  |  |
| :---: | :---: | :---: | :---: |
| Also GE requirements for John Glenn School (JGS) of Public Affairs |  |  |  |
| Course Type | \# of Courses | Hours/Units | Notes |
| Writing | 2 | 6 | Level 1 (any decimalized version of English 1110) Level 2 (2367 courses) |
| Literature | 1 | 3 |  |
| Arts | 1 | 3 |  |
| Math | 1 | 3-5 | Successful Math Placement Exam or equivalent Math 1151 required for BS |
| Data Analysis | 1 | 3 | Included in major requirements for BS |
| Science Biological Physical | $2-3$ (Typically 3 ) | 10 | Course(s) from both areas <br> BA: 1 lab <br> BS: 2 labs (one in each area) |
| Historical Study | 1 | 3 |  |
| Social Science | 2 | 6 | From two of three categories ${ }^{1}$ |
| Culture \& Ideas or Historical Study | 1 | 3 |  |
| Open Options | 2 | 6 | From list below ${ }^{2}$ |
| Language proficiency level | 0-3 | 0-12 |  |
| Social Diversity in the US | 1 | 0-3 | Typically embedded in other GE requirements |
| Global Studies | 2 | 0-6 | Typically embedded in other GE requirements |
| Total | 17-21 | 46-69 |  |

[^0]Another GE approved course (can be used for double major)
Cross-Disciplinary seminar (x596 and x597 courses)
Course approved for GE service-learning
Course approved for GE education abroad

## Appendix 4.

Education Abroad approved courses and enrollment numbers; interdisciplinary seminars and enrollment numbers

## Open Option course enrollments 2012-13

GE Education Abroad enrollment provided by the Office of International Studies as follows:

| GE Education Aboard Course | Enrollment 2012-2013 |
| :--- | :--- |
| Honors 2396H | 124 |
| Spanish 2798.11 | 44 |
| Slavic Languages and Literatures 2797.02 | 24 |
| Music 3350 | 22 |
| ASC 2798.03 | 20 |
| History 3798.02 | 18 |
| International Studies 2797.02 | 18 |
| Portuguese 2798.10 | 17 |
| Spanish 2798.12 | 16 |
| Chinese 2797.01 | 9 |

GE Service Learning - no courses approved for 2012-13

GE Cross-disciplinary seminar enrollment provided by OSU Office of Enrollment Services Analysis and Reporting

| College of course offering | GE Cross-Disciplinary Seminar | Enrollment 2012-2013 |
| :--- | :--- | :--- |
| ASC | COMM 3597.02 | 486 |
| ASC | ECON 4597.01 | 384 |
| SWK | SOCWORK 3597 | 316 |
| ASC | SOCIOL 3597.01 | 303 |
| ASC | ANTHROP 4597.01 | 270 |
| ASC | ANTHROP 4597.02 | 228 |
| AGR | ANIMSCI 4597 | 216 |
| ASC | GEOG 3597.01 | 213 |
| ASC | POLITSC 4597.01 | 200 |
| ASC | THEATRE 3597 | 197 |
| ASC | POLITSC 4597.02 | 148 |
| ENG | CRPLAN 4597 | 115 |
| AGR | AEDECON 4597.01 | 96 |
| ASC | SOCIOL 3597.02 | 95 |
| AGR | PLNTPTH 4597 | 76 |
| AGR | FDSCTE 4597.02 | 60 |
| AGR | FDSCTE 4597.01 | 56 |


| ASC | COMM 3597.01 | 54 |
| :--- | :--- | :--- |
| ENG | LARCH 3597 | 50 |
| ASC | COMPSTD 4597.02 | 43 |
| ASC | ENGLISH 4597.02 | 40 |
| ASC | ENGLISH 4597.01 | 39 |
| ASC | LING 4597.02 | 32 |
| ASC | INTSTDS 4597.01 | 30 |
| ASC | PORTGSE 4597.01 | 28 |
| ASC | COMPSTD 4597.03 | 28 |
| ASC | COMPSTD 4597.01 | 27 |
| ASC | PORTGSE 4597.02 | 27 |
| ASC | CLAS 4597 | 25 |
| ASC | ANTHROP 4597.05H | 17 |
| AGR | AEDECON 4597.01H | 9 |
| ASC | INTSTDS 4597.01H | 5 |

Appendix 5.
Quarter and Semester Course Counts

| Quarter and Semester Course Counts |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| GEC Categories (Quarters) [2011-12 listings] | \# of Courses | GE Categories (Semesters) | \# of courses as of 1-4-13 | \# of courses as of 1-5-14 |
| Writing and Related Skills |  | Writing \& Communication |  |  |
| First Writing Course | 5 | Level 1 | 5 | 5 |
| Second Writing Course | 66 | Level 2 | 68 | 69 |
| Third Writing Course | 31 |  |  |  |
| Quantitative and Logical Skills |  | Quantitative Reasoning |  |  |
| Basic Computational Skills | 3 | Basic Computation | 3 | 3 |
| Math and Logical Analysis | 15 | Mathematical or Logical Analysis | 24 | 21 |
| Data Analysis | 25 | Data Analysis | 36 | 32 |
| Natural Science |  | Natural Science |  |  |
| Natural Science: Biological Science | 26 | Biological Science | 34 | 36 |
| Natural Science: Physical Science | 66 | Physical Science | 67 | 67 |
| Arts and Humanities |  | Literature |  |  |
| Literature | 125 | Literature | 131 | 132 |
|  |  | Visual and Performing Arts |  |  |
| Visual and Performing Arts | 90 | Visual and Performing Arts | 101 | 102 |
| Cultures and Ideas | 134 |  |  |  |
| Social Science |  | Social Science |  |  |
| Individuals and Groups | 46 | Individuals and Groups | 48 | 50 |
| Organizations \& Polities | 42 | Organizations \& Polities | 46 | 46 |
| Human, Natural and Economic Resources | 31 | Human, Natural and Economic Resources | 34 | 34 |
| Historical Study |  | Historical Study |  |  |
| Historical Survey | 40 | Historical Study | 290 | 294 |
|  |  | Cultures and Ideas (or $2^{\text {nd }}$ Historical Study) |  |  |
|  |  | Cultures \& Ideas | 161 | 169 |
| Foreign Language Skills |  | Language Proficiency |  |  |
| Foreign Language | 221 | Foreign Language | 187 | 189 |
| Capstone |  | Open Options |  |  |
| Contemporary World | 57 | Cross-Disciplinary Seminar | 53 | 54 |
|  |  | Education Abroad | 2 | 13 |
|  |  | Service Learning | 0 | 4 |
| Diversity |  | Diversity |  |  |
| Social Diversity in the US | 100 | Social Diversity in the US | 123 | 129 |
| International Issues: Western, non-US | 92 | Global Studies | 318 | 343 |
| International Issues: nonWestern or Global | 156 |  |  |  |
| Total | 1012 | Total | 1261 | 1290 |
| Totals are less than the sum of all courses because of courses that count in more than one category. |  |  |  |  |

Appendix 6.
GE courses by college

## ASC \& Non-ASC Courses Contained within the General Education as of May 5, 2013

- Total number of GE courses: 1264
- $92 \%$ of all GE courses are in the College of Arts and Sciences.
- $8 \%$ of all GE courses are outside of the College of Arts and Sciences.

Number of courses outside of ASC: 95

| College | Number of GE Courses |
| :--- | :--- |
| AGR | 44 |
| BUS | 1 |
| EHE | 21 |
| ENG | 16 |
| HRS | 1 |
| NUR | 1 |
| OAA | 2 |
| SWK | 9 |

Appendix 7.
Course enrollments by GE category
Course Enrolments and Creat hour
Countous Campus GE Courses

Course Enolmmins and Credt Hours
Coumbus Campus GE Courses

Course Enrollments and Credt Hours

Enroliment Servicas - Analyslis and Reporting

Course Enrollments and Credt Hours
Columbus Campus GE Courses


Course Enrollments and Credt Hours
Columbus Campus GE Courses

Course Enollments and Cread Hours
Coumbus Campus $G E$ Courses


Course Enrollments and Credt Hours
Columbus Campus GE Courses

THE OHIO STATE UNIVERSITY
Enrollment Services -Analybls and Reporting
August 22,2013
Course Enroliments and Credt Hours
Columbus Campus GE Courses


[^1]Course Enrolments and Credt Hours
Columbus Campus GE Courses



[^2]Course Enroliments and Credt Hours
Columbus Campus GE Courses


[^3]Course Encolments and Creath Hours
Coumbus Canpus $G E$ corses


[^4]Course Enrolments and Credt Hours
Columbus Campus GE Courses


THE OHIO STATE UNIVERaITY
Enollment Bervices-Andysis and Repoding
August 22,2013
Course Enrollments and Credt Hours
Columbus Campus GE Courses

Course Errolmants and Creat Hous
Coumbus Campus GE Courses

THE OHIO STATE UNVERSTY
Errolment Sences - Analy El and Reporting

[^5]
Course Enrolments and Credt Hours
Columbus Campus GE Courses
20122013




THE OHIO STATE UNIVERSITY
Enrolment Services - Analysls and Reporting
August 22, 2013
Course Enrolments and Credt Hous
Columbus Campus GE Courses
20122013





[^6]
Course Enrollments and Credt Hours
Columbus Campus GE Courses


## Appendix 8.

Course proposal statistics from Arts and Sciences Curriculum and Assessment Services Office

- New Courses with GE Status: 45
- Existing Courses with New GE Category/ies: 27
- GE Courses Withdrawn: 2
- Existing General Education Courses Converted to Semesters: 9
- Changes to GE Courses without GE Category Change: 28
- Removal of University-Wide GE Status: 9

New Courses with GE Status listed by GE Category: 45

| Course Bulletin | Course Number | GE Categories |  |  |
| :---: | :---: | :---: | :---: | :---: |
| COMM | 2596 | CROSS-DISC SEM |  |  |
| HONORS | 2596H | CROSS-DISC SEM |  |  |
| CLAS | 3408 | CULT/IDEA | HIST STUDY |  |
| GERMAN | 3256 | CULT/IDEA |  |  |
| GERMAN | 3353 | CULT/IDEA |  |  |
| JEWSHST | 2209 | CULT/IDEA |  |  |
| JEWSHST | 2210 | CULT/IDEA | DIV-GLOBAL STUDIES |  |
| JEWSHST | 2210H | CULT/IDEA | DIV-GLOBAL STUDIES |  |
| JEWSHST | 2241 | CULT/IDEA | DIV-GLOBAL STUDIES |  |
| JEWSHST | 2242 | CULT/IDEA | DIV-GLOBAL STUDIES |  |
| JEWSHST | 2242H | CULT/IDEA | DIV-GLOBAL STUDIES |  |
| MEDREN | 2610 | CULT/IDEA |  |  |
| ARTSSCI | 2797.02 | EDUCATION ABROAD |  |  |
| CHINESE | 2797.01 | EDUCATION ABROAD |  |  |
| HISTORY | 3798.02 | EDUCATION ABROAD | DIV-GLOBAL STUDIES | HIST STUDY |
| INTSTDS | 2797.02 | EDUCATION ABROAD |  |  |
| MUSIC | 3350 | EDUCATION ABROAD | VPA |  |
| PORTGSE | 2798.1 | EDUCATION ABROAD |  |  |
| SLAVIC | 2797.02 | EDUCATION ABROAD | DIV-GLOBAL STUDIES |  |
| SPANISH | 2798.11 | EDUCATION ABROAD |  |  |
| SPANISH | 2798.12 | EDUCATION ABROAD |  |  |
| JEWSHST | 3110 | HIST STUDY |  |  |
| CLAS | 2401 E | LIT |  |  |
| CLAS | 3407 | LIT | HIST STUDY |  |
| EDUTL | 3356 E | LIT |  |  |
| JEWSHST | 2700 | LIT | DIV-GLOBAL STUDIES |  |
| JEWSHST | 2700H | LIT | DIV-GLOBAL STUDIES |  |
| JEWSHST | 2702 | LIT | DIV-GLOBAL STUDIES |  |
| JEWSHST | 2702H | LIT | DIV-GLOBAL STUDIES |  |
| JEWSHST | 2703 | LIT | DIV-GLOBAL STUDIES |  |
| JEWSHST | 2704 | LIT | DIV-GLOBAL STUDIES |  |
| JEWSHST | 2708 | LIT | DIV-GLOBAL STUDIES |  |
| MEDREN | 2888 | LIT |  |  |
| BIOLOGY | 2100 | NAT SCI-BIO |  |  |
| ANTHROP | 2100.01 | SOC SCI-HNER |  | (Transfer stdnts only) |
| COMM | 1102H | SOC SCI-IND/GRP |  |  |
| SOCWORK | 1130 H | SOC SCI-IND/GRP |  |  |
| HISTART | 2005 | VPA | HIST STUDY |  |
| HISTART | 3102 | VPA | DIV-GLOBAL STUDIES |  |
| JEWSHST | 2205 | VPA |  |  |
| JEWSHST | 2245 | VPA |  |  |
| MUSIC | 3343 | VPA |  |  |
| ENGR | 2367.01H | WRIT-COMM 2 | SOC DIV-US |  |
| JEWSHST | 2367 | WRIT-COMM 2 | CULT/IDEA |  |
| PSYCH | 2367.02 | WRIT-COMM 2 |  |  |

Existing Courses with New GE Category/ies listed by Category: 27

| Course <br> Bulletin | Course <br> Number | GE Categories |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  | Change to GE Status |  |  |
| DANCE | 3402 | CULT/IDEA | DIV-GLOBAL STUDIES |  |
|  |  |  |  |  |
| CHINESE | 2141.01 | FOREIGN LANG |  |  |
| HAPANSE | 2141 | FOREIGN LANG |  |  |
|  |  |  |  |  |
| HISTORY | 2251 | HIST STUDY | DIV-GLOBAL STUDIES | Added "DIV-GLOBAL STUDIES" |
| HISTORY | 2280 |  |  |  |
|  |  |  |  | AIST STUDY |


| HISTORY | 3375 | HIST STUDY | DIV-GLOBAL STUDIES | Added "DIV-GLOBAL STUDIES" |
| :---: | :---: | :---: | :---: | :---: |
| HISTORY | 3570 | HIST STUDY | DIV-GLOBAL STUDIES | Added "DIV-GLOBAL STUDIES" |
| HISTORY | 3580 | HIST STUDY | DIV-GLOBAL STUDIES | Added "DIV-GLOBAL STUDIES" |
| HISTORY | 3715 | HIST STUDY | DIV-GLOBAL STUDIES | Added "DIV-GLOBAL STUDIES" |
| CHINESE | 4404 | LIT | DIV-GLOBAL STUDIES | Course used to have double GE status under quarters; was inadvertently not requested during conversion |
| ENGLISH | 4567S | SERVICE LEARNING |  |  |
| GEOG | 5200 S | SERVICE LEARNING |  |  |
| SOCIOL | 2211S | SERVICE LEARNING |  |  |
| SOCIOL | 2320 | SOC SCI-HNER |  |  |
| AFAMAST | 3376 | VPA | DIV-GLOBAL STUDIES | Removed "SOC DIV-US" and added DIV-GLOBAL STUDIES |
| HISTART | 3631 | VPA | SOC DIV-US |  |

GE Courses Withdrawn: 2

| Course Bulletin | Course Number | GE Categories |  |
| :--- | :--- | :--- | :--- |
| SPANISH | 1101.51 | FOREIGN LANG |  |
| HISTART | 2367 | WRIT-COMM 2 | VPA |

## Existing General Education Courses Converted to Semesters: 9

| Course <br> Bulletin | Course <br> Number |  |
| :--- | :--- | :--- |
| AFAMAST | 3304 | Semester equivalent of a quarter course: GE Historical Study |
| ENGLISH | 2202 | Semester equivalent of a quarter course: GE Literature \& GE Diversity-Global Studies |
| ENGLISH | 2202 H | Semester equivalent of a quarter course: GE Literature \& GE Diversity-Global Studies |
| ENGLISH | 2291 | Semester equivalent of a quarter course: GE Literature |
| ENTOMOLOGY | 2101 | Sodified/Re-envisioned: Approved for GE Natural Science-Biological Science |
| NELC | 4597 | Modified/Re-envisioned: GE Global Studies added to existing GE Cross-Disciplinary <br> Seminar |
| SLAVIC | 1111 | Semester equivalent of a quarter course: GE Foreign Language |
| ROMANIA | GE Social Diversity in the US |  |
| SOCIOL |  |  |

Changes to GE Courses without Category Change: 28

| Course Bulletin | Course Number | GE Categories |  |  | Change |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ESEPHL | 3410 | CULT/IDEA |  |  | Changed course listing from EDUPL |
| HISTART | 2301 | CULT/IDEA | DIV-GLOBAL STUDIES | HIST STUDY | Changed course number (from 3301) |
| HTHRHSC | 2530 | CULT/IDEA |  |  | Changed course listing from ALLIMED |
| GERMAN | 1135 | FOREIGN LANG |  |  | Changed course number (from 1035) |
| GERMAN | 1145 | FOREIGN LANG |  |  | Changed course number (from 1045) |
| HISTORY | 2641 | HIST STUDY | DIV-GLOBAL STUDIES |  | Changed course number (from 1681) |
| HISTORY | 2642 | HIST STUDY | DIV-GLOBAL STUDIES |  | Changed course number (from 1682) |
| HISTORY | 3276 | HIST STUDY |  |  | Changed course number (from 2260) |
| WGSST | 2750H | HIST STUDY | SOC DIV-US |  | Changed course number (from 3322H) |
| ENGLISH | 2201 | LIT | DIV-GLOBAL STUDIES |  | Content reverting to preconversion format: <br> "Medieval through 1800" |
| ENGLISH | 2201H | LIT | DIV-GLOBAL STUDIES |  | Content reverting to preconversion format: <br> "Medieval through 1800" |


| ENGLISH | 2290 | LIT |  | Content reverting to preconversion format: <br> "Colonial and US Literature to 1865 " |
| :---: | :---: | :---: | :---: | :---: |
| GERMAN | 3252 | LIT | DIV-GLOBAL STUDIES | Uncrosslisted from Yiddish <br> 3399. This course will focus on "The Holocaust in German Literature and |
| YIDDISH | 3399 | LIT | DIV-GLOBAL STUDIES | Uncrosslisted from German 3352. This course will focus on "The Holocaust in Yiddish and |
| ASTRON | 1140 | NAT SCI-PHYS |  | Changed course number (from 1161) |
| ASTRON | 1144 | NAT SCI-PHYS |  | Changed course number (from 1162) |
| ASTRON | 2161H | NAT SCI-PHYS |  | Changed course number (from 1161H) |
| ASTRON | 2162H | NAT SCI-PHYS |  | Changed course number (from 1162H) |
| MATH | 1074 | QUAN-BAS COMP |  | No longer live course. Only for transfer students. |
| MATH | 1534 | QUAN-MATH/LA |  | No longer live course. Only for transfer students. |
| ESCFE | 1201 | SOC DIV-US |  | Changed course listing from EDUPL |
| ESCFE | 1202 | SOC DIV-US |  | Changed course listing from EDUPL |
| COMM | 3442 | SOC SCI-IND/GRP |  | Changed course number (from 2442) and added more in-depth material. |


|  |  |  |  |  | Changed course listing <br> from EDUPL |
| :--- | :--- | :--- | :--- | :--- | :--- |
| ESCFE | 2241 | SOC SCI-IND/GRP |  |  | Changed course number <br> (from 2380) |
| SOCIOL | 3380 |  |  |  | SOC SCI-IND/GRP |
|  |  |  |  |  | (from 2367) |
| PSYCH | 2367.01 | WRIT-COMM 2 | SOC SCI-IND/GRP |  | Changed course listing <br> from EDUPAES |
| KNSISM | 2210 |  |  |  |  |
| Khanged course listing |  |  |  |  |  |
| from EDUPAES |  |  |  |  |  |

Removal of University-Wide GE Status listed by GE Category: 9

| Course Bulletin | Course Number | GE Categories |
| :--- | :--- | :--- |
| PSYCH | 4597.02 | CROSS-DISC SEM |
| SOCWORK | 3401 | DATA ANLS |
| SOCWORK | 3401 E | DATA ANLS |
| SOCWORK | 3402 | DATA ANLS |
| SOCWORK | 3402 E | DATA ANLS |
| MATH | 1125 | QUAN-MATH/LA |
| MATH | 1126 | QUAN-MATH/LA |
| KOREAN | 5405 | VPA |
| ARCH | 5610 | VPA |

Appendix 9.
NSSE data
General Education Items

AAU Comparison Schools: Institutions that administered NSSE in 2004, 2007, and 2010 - Indiana, Kansas, Nebraska, Texas, and Purdue
AAU Institutions
2004: Illinois, Indiana, Kansas, Missouri, Nebraska, Pittsburgh, Purdue, Texas, Wisconsin
2007: Indiana, Kansas, Maryland, Michigan St, N Carolina, Nebraska, Pittsburgh, Purdue, Texas, Texas A\&M, UC Berkeley, Washington 2010: Illinois, Indiana, Kansas, Michigan St, N Carolina, Nebraska, Purdue, Texas
Highlighted cells: OSU mean is statistically significant ( $p \leq .05$ ) from the comparison group and effect size $\geq .1$
High Impact Practices

|  | 2004 |  |  |  | 2007 |  |  |  | 2010 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | OSU | AAU Comparison Schools | $\begin{aligned} & \text { All } \\ & \text { AAU } \end{aligned}$ | $\begin{gathered} \text { All } \\ \text { NSSE } \end{gathered}$ | OSU | AAU Comparison Schools | $\begin{gathered} \text { All } \\ \text { AAU } \end{gathered}$ | $\begin{gathered} \text { All } \\ \text { NSSE } \end{gathered}$ | OSU | AAU Comparison Schools | All AAU | $\begin{gathered} \text { All } \\ \text { NSSE } \end{gathered}$ |
| \% of Seniors who responded "Done" |  |  |  |  |  |  |  |  |  |  |  |  |
| Practicum, internship, field experience, etc. | 52\% | 57\% | 56\% | 60\% | 61\% | 65\% | 66\% | 61\% | 60\% | 65\% | 65\% | 57\% |
| Community service or volunteer work | 61\% | 68\% | 69\% | 67\% | 65\% | 72\% | 73\% | 69\% | 70\% | 75\% | 77\% | 69\% |
| Formal program where groupstake $2+$ courses together | 23\% | 21\% | 23\% | 26\% | 27\% | 28\% | 31\% | 31\% | 32\% | 32\% | 30\% | 33\% |
| Research project w/ faculty member outside of course | 22\% | 28\% | 28\% | 24\% | 21\% | 27\% | 31\% | 24\% | 25\% | 29\% | 31\% | 24\% |
| Foreign language coursework | 54\% | 58\% | 58\% | 47\% | 52\% | 58\% | 56\% | 46\% | 60\% | 61\% | 63\% | 46\% |
| Study abroad | 16\% | 20\% | 21\% | 18\% | 17\% | 23\% | 28\% | 19\% | 22\% | 26\% | 30\% | 19\% |
| Independent study/self-designed major | 17\% | 23\% | 22\% | 26\% | 13\% | 21\% | 21\% | 22\% | 14\% | 17\% | 19\% | 20\% |
| Culminating senior experience (thesis, project, etc.) | 18\% | 24\% | 32\% | 38\% | 26\% | 32\% | 33\% | 40\% | 28\% | 33\% | 32\% | 39\% |
| \% of Seniors who responded "Often" or "Very Often" |  |  |  |  |  |  |  |  |  |  |  |  |
| Participated in a community-based project as part of a course | 14\% | 12\% | 12\% | 19\% | 13\% | 14\% | 14\% | 17\% | 11\% | 16\% | 15\% | 18\% |

AAU Comparison Schools: Institutions that administered NSSE in 2004, 2007, and 2010 - Indiana, Kansas, Nebraska, Texas, and Purdue
AAU Institutions
2007: Indiana, Kansas, Maryland, Michigan St, N Carolina, Nebraska, Pittsburgh, Purdue, Texas, Texas A\&M, UC Berkeley, Washington 2010: Illinois, Indiana, Kansas, Michigan St, N Carolina, Nebraska, Purdue, Texas
Highlighted cells: OSU mean is statistically significant ( $p<.05$ ) from the comparison group and effect size $\geq .1$

AAU Comparison Schools: Institutions that administered NSSE in 2004, 2007, and 2010 - Indiana, Kansas, Nebraska, Texas, and Purdue
AAU Institutions
2004: Illinois, Indiana, Kansas, Missouri, Nebraska, Pittsburgh, Purdue, Texas, Wisconsin 2007: Indiana, Kansas, Maryland, Michigan St, N Carolina, Nebraska, Pittsburgh, Purdue, Texas, Texas A\&M, UC Berkeley, Washington 2010: Illinois. Indiana. Kansas. Michigan St. N Carolina. Nebraska. Purdue. Texas
NSSE Eench hrarks of Effective Educational Practice



2007 : Indiera, Karsas, Maryland, Mic higanst, NCarolira, Nebraska,
Pits burgh, Purdue, Teass, Teas ASM, UC Eerkeleq, Whashington 2000: Illinois, Indiare, Karsa, Michiganst, N Carolina, Nebrasla, Purdue,
Teas





## NSSE 2013 High-Impact Practices

## About This Report

 student engagement
## About Your High-Impact Practices Report

Due to their positive associations with studentleaming and retention, certain

$$
\begin{aligned}
& \text { High-lmpoct Proctices in NSSE } \\
& \text { - Lesrning community or some other formal } \\
& \text { program where groups of students take two } \\
& \text { or more classes together } \\
& \text { - Courses that included a community-based } \\
& \text { project (service-learning) } \\
& \text { - Work with a faculty member on a research } \\
& \text { project } \\
& \text { - Internship, co-op, feld experience, student } \\
& \text { teaching, or clinical placement } \\
& \text { - study abrosd } \\
& \text { - Culminating senior experience [capstone } \\
& \text { course, senior project or thesis, } \\
& \text { comprehensive exam, portfolio, etc.] }
\end{aligned}
$$

## Report sections

Participation Comparisons (p. 3)

Response Detail (pp. 5-7)

Participation by Student
Characteristics (p.8)

Displays HIP participation for your first-year and senior students compared with that of students at your comparison group institutions. Twoviews presentinsights intoyour students HIP participation:

Overall HIP Participation
Displays the percentage of first-year and senior students who participated in one HIP and in two or more HIPs , relative to those at your comparison group institutions.

StatisticalComparisons
Comparisons of participation in each HIP and overall for your first-year and senior students relative to those at comparison group institutions, with tests of significance and effect sizes (see below).

Provides complete response frequencies for the relevant HIP questions for your first-year and senior students and those at your comparison group institutions.

Displays your students participationin each HIP by selacted student characteristica.

## Interpreting comparisons

The "Statistical Comparisons" section on page 3 reports both statistical significance and effect size. Effect size indicates the practical importance of an observed difference. Aneffect size of .2 is generally considered small, .5 medium, and .8 large.

HIP partic ipation varies more among students within an institution than it does between institutions, like many experiences and outcomes in higher education. As a result, focusing attention on overall participation rates amounts to examining the tip of the iceberg. It's equally importantto understand how student engagement(including HIP participation) varies within your institution. The table on page 8 provides an initial look at how HIP participation varies by selected student characteristics. TheInstitutional Report Builder and your Major FieldReport (both to bereleased in the fall) offer further perspectives on internal variation and can help you investigateyour students' HIP participation in depth.

[^7]

## Overall HIP Participation

The figures below display the percentage of students who participated in high-impact practices. Both figures include participation in learning communities, service-learning, and research with faculty. The senior figure also includes participation in internships or field experiences, study abroad, and culminating senior experiences. The first segment in each bar shows the percentage of students who participated in at least two $\mathrm{HIP}_{\mathrm{s} \text {, and the full bar (both colors) represents the percentage who participated in at }}$ least one.


## Statistical Comparisons

The table below compares the percentage of your students who participated ${ }^{2}$ in a high-impact practice, including the percentage who participated overall (at least one, two ormore), with those at institutions in your comparis on groups.

|  | Ohio State | AAUDE |  | Ohio State System |  | NSSE 2013 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| First-Yoor Students | 4 | $\%^{*}$ |  | $\%^{*}$ |  | $\%^{*}$ | $\begin{gathered} \text { E.face } \\ x=c^{\circ} \end{gathered}$ |
| 11c. Learning community | 23 | 24 | -. 02 | $9{ }^{\text {+**}}$ | 38 | 15 ** | 21 |
| 12. Service-learning | 35 | 52 ** | -33 | 45 ** | -21 | 52 ** | -34 |
| 11e. Research with faculty | 51 | 6 | -.03 |  | -.02 |  | . 00 |
| Participated in ot least one | 43 | 62 ** | $-28$ | 31 | -. 04 | s3 $+\cdots$ | $-19$ |
| + Participated in two or more | 13 | 16 * | -09 | 8 ** | 19 | 12 | . 05 |
| Seniors |  |  |  |  |  |  |  |
| 11c. Learning community | 34 | 29 * | 11 | - |  | 24 *** | 24 |
| 12. Service-learning | 50 | 34 | -08 | - |  | $60 *$ | -22 |
| 11e. Research withfaculty | 23 | 35 *** | -22 | - |  | 23 | 05 |
| 110. Internship or field exp. | 70 | 60 ** | 22 | - |  | 47 ** | 47 |
| 11d. Study abroad | 15 | 23 ** | -15 | - |  | 13 * | 10 |
| 11t. Culminating senior exp. | 54 | 49 ** | 29 | - |  | 44 ** | 39 |
| Participated in at least one | 94 | 90 ** | 17 | - |  | 34 *** | 34 |
| Participated in two or more | 77 | 70 ** | 15 | - |  | $60^{*+*}$ | 38 |

a. Perceatage of stadeatr who responded "Done or in progress" except for service-jearning which is the percentage who responded that at least "Some" coorses inchoded a commonity-based project
b. ${ }^{4} \mathrm{p}-05,44 \mathrm{p}-01,{ }^{44} \mathrm{p}-001$ ( z -test comparing participation rates)
c. Cober's $k$. The standardized difference between tro proportions. Effect sive indicates the practical importance of an observed difference. An effect size of 2 is generally considered amall, 5 mediven, and .8 large.

Note: All results weighted by gender and earollment statis (and by institution sive foe comparivon grovps).
2. NSSE 2013 MIGW-DNDACT DRACTICES
national survey of student engagement

NSSE 2013 High-Impact Practices
Response Detail The Ohio State University

First-Year Students
The figures below display further details abouteach high-impact practice for your first-year students and those of your comparison groups.

## Learning Community

Which of the following have you done or do you plan to do before you graduate?

Participate in a leaming community or some other formal program where groups of students take two ormore classes together.

Service-Learning
About how many of your courses at this institution have included a community-based project(service-learning)?



Research with a Faculty Member Which of the following have you doneor doyouplan to do before you graduate?

Work with a faculty member on a research project.



NSSE national survey of student engagement

## Seniors

The figures below display further details abouteach high-impact practice for your seniors and tho se of your comparison groups.

## Learning Community

 Which of the following have you doneor do youplan to do before you graduate?Participate in a leaming community or some other formal program where groups of students take two or more classes together.

Service-Learning About how many of your courses at this institution have included a community-based project (service-learning)?



Research with a Faculty Member Which of the following have you doneor doyouplan to do before you graduate?

Work with a faculty member on a research project.


[^8][^9]Seniors (continued)
The figures below display further details abouteach high-impact practice foryour seniors and tho se of your comparison groups.

Internship or Field Experience
you doneor do youplan to do

Participate in an intemship, co-op, field experience, student teaching, or clinical placement.


Study Abroad
you doneor do you plan to do before you graduate?

Participate in a study abroad program.


Culminating Senior Experience
you doneor doyouplan to do

Complete a culminating senior experience (capstone course, seniorproject or thesis, comprehansive exam, portfolio, etc.).


[^10]
## Percent Participation in High-Impact Practices by Student Characteristics

The table below displays the percentage of your students who participated ${ }^{2}$ in each $H I P$ by selected student characteristics.
Examining participation rates for different groups offers insight into how engagemant varies within your student population.

|  | First-\%oor Students |  |  | Seniors |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | $\begin{aligned} & \stackrel{y}{3} \\ & \frac{1}{3} \\ & \frac{1}{3} \\ & \frac{7}{z} \\ & \frac{3}{3} \end{aligned}$ |  | $\frac{7}{3} \frac{3}{3}$ |  |
| Gender | * | * | * | * | * | * | * | * | * |
| Female | 25 | 33 | 5 | 38 | 52 | 24 | 57 | 22 | 34 |
| Male | 21 | 37 | 6 | 31 | 47 | 25 | 73 | 9 | 76 |
| Race/ethnicity or international |  |  |  |  |  |  |  |  |  |
| American indian or Alsska Native | - | - | - | - | - | - | - | - | - |
| Asian | 22 | 37 | 11 | 35 | 33 | 43 | 54 | 14 | 34 |
| Bleck or African American | 25 | 45 | 3 | 35 | 60 | 20 | 65 | 20 | 53 |
| Hispanic or Latino | 13 | 33 | 0 | 45 | 69 | 15 | 77 | 45 | 62 |
| Native Howsïan/Other Pac. Islander White | 25 | - 29 | 4 | 35 | $43$ | 24 | $71$ | 17 | E |
| Other | 7 | 33 | 7 | - | - | - | - | - | - |
| Foreign or nonresident alien | 21 | 65 | 14 | 35 | 79 | 15 | 35 | 5 | 4 |
| Two or more races/ethnicities | 18 | 32 | 0 | - | - | - | - | - | - |
| Age |  |  |  |  |  |  |  |  |  |
| Treditions! (FY < 21, seniors < 25): | 25 | 35 | 4 | 39 | 47 | 25 | 74 | 19 | 65 |
| Nontreditional (FY 214, Seniors 25t) | 8 | 36 | 12 | 24 | 65 | 18 | 49 | 6 | 29 |
| First-generation ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |
| Not first-generation | 25 | 32 | 5 | 38 | 30 | 25 | 74 | 17 | 65 |
| First-generation | 23 | 41 | 5 | 34 | 43 | 23 | 54 | 20 | 60 |
| Enrollment |  |  |  |  |  |  |  |  |  |
| Parttime | 9 | 35 | 9 | 27 | 53 | 10 | 35 | 14 | 55 |
| Fulltime | 25 | 35 | 5 | 37 | 30 | 28 | 73 | 18 | 61 |
| Residence |  |  |  |  |  |  |  |  |  |
| Living oft campus | 15 | 42 | 8 | 35 | 50 | 24 | 72 | 17 | (3) |
| Uuving on campus | 23 | 33 | 4 | 33 | 44 | 35 | 59 | 24 | 38 |
| Major category ${ }^{\text {\% }}$ |  |  |  |  |  |  |  |  |  |
| Arts a numanities | 25 | 29 | 2 | 43 | 35 | 14 | 57 | 50 | 61 |
| Pmysical soiences, math, computer soience | 1es. 22 | 38 | 9 | 40 | 45 | 45 | 78 | 15 | 72 |
|  | 14 | 42 | 6 | - | - | - | - | - | - |
| Social siences | 20 | 23 | 5 | 23 | 45 | 31 | 45 | 13 | 8 |
| Business | 24 | 44 | 4 | 32 | 49 | 7 | 69 | 27 | ${ }^{88}$ |
| Communications, medis, public relations | 35 | 33 | 7 | - | - | - | - | - | - |
| Education | 33 | 44 | 6 | 33 | 27 | 13 | 67 | 20 | 13 |
| Engineering | 29 | 32 | 4 | 40 | 40 | 35 | 81 | 12 | 95 |
| Health professions | 25 | 41 | 3 | 45 | 61 | 32 | 62 | 13 | 57 |
| social service protessions | 23 | 33 | 0 | 41 | 100 | 30 | 95 | 25 | 57 |
| Undecided/undeciared | 31 | 8 | 5 | - | - | - | - | - | - |
| Overall | 23 | 35 | 5 | 34 | 30 | 25 | 70 | 15 | 54 |
|  <br>  <br>  |  |  |  |  |  |  |  |  |  |

6. NSSE 2013 TIORNDMPACT DRACTICES

[^0]:    $\frac{{ }^{1} \text { Social Science Categories }}{\text { Individuals and Groups }}$

[^1]:    THE OHIO STATE UNNERSITY
    Enrollment Sences - Analyals and Reporting
    August 22, 2013

[^2]:    THE OHIO STATE UNVERSTY
    ENCOMment Sentras -Anaylls and Reporting
    August 22. 2013

[^3]:    THE OHIO STATE UNNERSITY
    Enrollment Services -Analyals and Reporting

[^4]:    THE OHIO STATE UNIVERaITY
    Envollment aervices -Analysis and Reporing
    August 22,2013

[^5]:    August 22, 2013

[^6]:    

[^7]:    
     Dextrocendary Reacach.

[^8]:    

[^9]:    4. NSSE 2013 LIGH-DADACT DRACTICES
[^10]:    

