

The completed and signed proposal should be submitted by the Dean's Office to: curriculumplanning@asu.edu. Before academic units can advertise undergraduate minors or include them in their offerings as described in the university catalogs, they must be recommended for approval by the Senate Curriculum and Academic Programs Committee and approved by the University Provost.

Definition and minimum requirements:

These are the minimum requirements for approval. Individual undergraduate minors may have additional requirements.

A minor is an approved, coherent focus of academic study in a single discipline, other than the student's major, involving substantially fewer hours of credit than a corresponding major. Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Inappropriate combinations include (but would not be limited to) ones in which an excessive number of courses in the minor are simultaneously being used to fulfill requirements of the student's major.

A minor:

- Requires a minimum of 15 semester hours of which at least 9 semester hours must be upper division
- Is not intended for students pursuing a major in the department which offers the minor

College/School/Institute: College of Integrative Sciences and Arts

Department/Division/School:

Proposing Faculty Group (if applicable): Faculty of Social Science

Proposed Minor Name: Integrative Social Science

Requested effective date: 2017-2018

Delivery method: On-campus only (ground courses and/or iCourses)

Note: Once students elect a campus or On-line option, students will not be able to move back and forth between the on-campus and the ASU Online options. Approval from the Office of the University Provost and Philip Regier (Executive Vice Provost and Dean) is required to offer programs through ASU Online.

Campus/Locations: indicate all locations where this program will be offered.

Downtown Phoenix Polytechnic Tempe West Other:

Proposal Contact

Name:	<u>Nicholas Alozie</u>	Title:	<u>Professor/Faculty Head</u>
Phone number:	<u>480.727.1395</u>	Email:	<u>alozie@asu.edu</u>

DEAN APPROVAL(S)

This proposal has been approved by all necessary unit and College/School levels of review. I recommend implementation of the proposed organizational change.

College/School/Division Dean name: Duane Roen

Signature 

Date: 9/20/2016

College/School/Division Dean name:

(if more than one college involved)

Signature _____ **Date:** _____

Note: An electronic signature, an email from the dean or dean's designee, or a PDF of the signed signature page is acceptable.

1. Overview

A. Description

Provide a brief description of the proposed minor.

The minor in integrative social science is designed to provide general education in the social sciences for individuals desiring exposure to the variety of theories and methods of social scientists. The minor is useful to engineers, technologists, and other professionals whose specialized education may not have given them access to social science research, theories, and methodologies, although their professional activities demand knowledge of those tools. The minor can also be taken by any individual for general knowledge. Courses will be offered face-to-face on the Polytechnic campus and through the Internet (iCourses), as necessary to meet students' needs in contemporary learning environments. ASU has opted to name its program "integrative social science." This new and emerging model of social science education has been embraced by other world-class educational institutions with other names such as "General Social Science" and "Interdisciplinary Social Science." There are many programs in social science with this integrative design around the world. Whatever name they are delivered by, ASU's minor in integrative social science takes its place within this emerging pedagogy of social science education. The minor requires a minimum of 18 credit hours, 5 required courses (15 credit hours) and 3 credit hours (1 course) of electives. Students will select the additional course from an approved list.

B. Why should this be a minor rather than a concentration?

Making this a minor makes this material assessible to non-majors who must be in the degree program in order to assess a concentration. Being at a polytechnic campus, this becomes even more useful where many of the degree programs are professional programs.

C. Affiliation

If the minor is affiliated with a degree program, include a brief statement of how it will complement the program. If it is not affiliated with a degree program, incorporate a statement as to how it will provide an opportunity for a student to gain knowledge or skills not already available at ASU.

This minor in integrative social science originates and is embedded within the Polytechnic campus. With the expansion of ASU's Engineering College and the College of Business to the Polytechnic campus, and increasing demand for engineers, technologists, and business school graduates to be trained in the core social sciences, this minor takes its strategic place within the professional degree programs at the Polytechnic campus.

D. Demand

Explain the need for the new minor (e.g., market, student demand, interdisciplinary considerations).

The minor in integrative social science will serve any ASU major interested in the program. However, the primary target will be other majors at the Polytechnic campus desiring sophisticated exposure to the social sciences. This will include engineering students, business students, technology students, education students, and others in the humanities and general sciences.

E. Projected Enrollment

What are enrollment projections for the first three years?

	1st Year	2nd Year (Yr. 1 continuing + new entering)	3rd Year (Yr. 1 & 2 continuing + new entering)
Number of Students <i>(Headcount)</i>	5	10	50

2. Support and Impact

A. Faculty governance

Provide a supporting letter from the chair of the academic unit verifying that the proposed minor has received faculty approval through appropriate governance procedures in the unit and that the unit has the resources to support the minor as presented in the proposal, without impacting core program resources.

This supporting statement is provided and affirmed by Nicholas Alozie, Faculty Head of the Faculty of Social Science. The Faculty of Social Science of the College of Letters and Sciences at the Polytechnic campus approved this minor following appropriate deliberation. The minor originates as part of the proposed undergraduate degree program (B.S.) in integrative

social science. Since the courses required for the minor will already be available through the degree program, no extra effort or resources will be required on the part of the faculty to deliver the minor. In other words, the faculty will not be "going out of its way" to deliver the minor.

B. Other related programs

Identify other related ASU programs and outline how the new minor will complement these existing ASU programs. (If applicable, statements of support from potentially-affected academic unit administrators need to be included with this proposal submission.)

We expect this new minor to complement ASU programs that are either not mainstream social science programs, or that are not infused with social science courses generally. It will be left for individual students and their program advisors to determine the appropriate level of need.

C. Letter(s) of support

Provide a supporting letter from each college/school dean from which individual courses are taken.

3. Student Learning Outcomes and Assessment Methods

A. Knowledge, competencies, and skills

List the knowledge, competencies, and skills students should have when they graduate from the proposed degree program. You can find examples of program Learning Outcomes at (<https://uoeee.asu.edu/plan-outcomes>).

Students who complete the minor in integrative social science are expected to:

Develop a sophisticated understanding of the different fields of the social sciences, their theories, assumptions, methodologies, and history and trajectory;

Develop practical applications of these theories, assumptions, and methodologies;

Develop mechanisms for combining relevant parts of the different fields in critical thinking and problem-solving;

Develop the skills for picking through the best of each field in confronting modern social problems;

Develop skills that permit them to write across the curriculum and query the strengths and limitations of each discipline;

Develop competency in relating broad social science questions to other disciplines in the humanities, arts, and sciences; and

Develop technical skills in organization, logic, ethics, oral and written communication, and causality that allow them to transact effectively in 21st-century professional world environments.

B. Assessment

Describe the plan and methods to assess whether students have achieved the knowledge, competencies and skills identified in the Learning Outcomes. You can find examples of assessment methods at (<https://uoeee.asu.edu/creating-plan>).

The assessment plan for the minor will rely on the survey course, ISS 302. This is the integrative, comprehensive course that presents the scope of the fields of social science. The Faculty of Social Science will conduct a comprehensive examination at the end of each session of the course. The examination will assess the level of mastery for each student of the components of the material. Data on this examination will be used to evaluate student competencies and skills identified in the learning outcomes.

4. Academic Curriculum and Requirements

A. Provide a description of the curricular requirements for the minor. Be specific in listing required courses as well as electives and specify the total minimum number of hours required for the minor. Please attach one or more model programs of study to illustrate the choices students might make, if appropriate.

Required Minor Courses

Prefix	Number	Title	Is this a new course?	Credit Hours
ISS	301	Integrated Social Science Research Methods	Yes	3
ISS	302	Scope of Social Science	Yes	3

ISS	304	Integrated Theories of Social Science	Yes	3
ISS	401	Statistics for Integrated Social Science	Yes	3
STS	304	Science, Technology and Society	No	3
Section Sub-total				15

Elective Minor Courses

Prefix	Number	Title	Is this a new course?	Credit Hours
POS	325	Public Policy Development	No	3
POS	485	Political Economy	No	3
SOC	332	The Modern City	No	3
SOC	352	Social Change	No	3
SOC	420	Sociology of Religion	No	3
SOC	421	Education and Society	No	3
STS	306	Social Effects of Science and Technology	No	3
STS	317	Science, Technology and Global Engagement	No	3
STS	329	Cultivating Technology in Newly Industrializing Countries	No	3
STS	330	Information Technology and Globalization	No	3
STS	331	Ethical Issues in Science and Technology	No	3
STS	332	Global Issues in Science and Technology	No	3
STS	364	Science, Technology and National Security	No	3
WST	300	Women and Gender in Contemporary Society	No	3
WST	380	Race, Gender, and Class	No	3
Section Sub-total				3

Other Minor Requirements

E.g. – Capstone experience, internship, clinical requirements, field studies, foreign language skills as applicable Credit Hours

Section Sub-total 0

Total minimum credit hours required for the Minor 18

B. Minimum residency requirement

How many hours of the minor must be ASU credit? 15

C. New Courses

Provide prefix, number and a brief course description for each new course.

ISS 301 Integrated Social Science Research Methods. (3) Course description: Overview of the methods of social science inquiry with a view to transcending disciplinary boundaries. Topics include data collection and data management techniques. Proposed GS: SB

D. ISS 302 Scope of Social Science. (3) Course description: Survey of the disciplinary components of social science, including sociology, political science, economics, etc. Proposed GS: SB

E. ISS 304 Integrated Theories of Social Science. (3) Course description: Broad survey of the major foundational theories in the disciplines of social science, including sociological theory, economic theory, political theory, philosophy, etc. Proposed GS: SB

F. ISS 401 Statistics in Integrative Social Studies. (3) Statistical techniques for the social sciences, including the role and rationale of statistics, descriptive measures, associational measures and inferential statistics with a view to transcending disciplinary boundaries. Proposed GS: CS

G.

Note: All new required courses should be submitted in Curriculum Changemaker and ready for Provost’s Office approval before this minor is put on Curriculum and Academic Programs Committee (CAPC) agenda

5. Administration and Resources

A. Describe the procedures and any qualifications for enrollment in the minor.

The minor is open to ASU students who are not pursuing social science degrees or are otherwise not enrolled in degree programs infused with social science courses. The minor is available to students meeting ASU’s general requirements for undergraduate education. Enrollment in the minor will be determined by discussions of suitability between the student’s major advisor and the advisor for the program in integrative social science.

B. Describe the advising procedures as well as measures for verification of completion of the minor.

The advisor(s) for the program in integrated social science will provide advising for the minor, and monitor completion of the minor.

C. What are the resource implications for the proposed minor, including any projected budget needs? Will new books, library holdings, equipment, laboratory space and/or personnel be required now or in the future? If multiple units/programs will collaborate in offering this minor, please discuss the resource contribution of each participating program. Letters of support must be included from all academic units that will commit resources to this minor.

None

D. Primary Faculty

List the primary faculty participants regarding this proposed minors. For interdisciplinary minors, please include the relevant names of faculty members from across the University.

Name	Title	Area(s) of Specialization as they relate to proposed minor
Dr. Nicholas Alozie	Professor	Political Economy
Dr. Laurence Gesell	Professor	Justice Studies
Dr. Patience Akpan-Obong	Associate Professor	Political Science
Dr. Keith Hollinger	Lecturer	Political Science
Dr. Kathy Thomas	Instructor	Urban Studies
Dr. Nura Mowzoon	Instructor	Counseling (List Continues)

6. Additional Materials

- A. Appendix
Complete and attach the Appendix document.
- B. Program of study
Provide one or more model programs of study (if appropriate).
- C. Attach other information that will be useful to the review committees and the Office of the University Provost.

APPENDIX
OPERATIONAL INFORMATION FOR MINORS

(This information is used to populate the Degree Search/catalog website.

Please consider the student audience in creating your text.)

1. Proposed Minor Name: Integrative Social Science

2. Description (150 words maximum)

The minor program in integrative social science is designed to provide general education in the social sciences for individuals who desire exposure to the variety of theories and methods of social scientists. The minor is useful to engineers, technologists and other professionals whose specialized education may not have given them access to social science research theories and methodologies, although their professional activities demand knowledge of those tools. The minor may also be taken by any individual for general knowledge.

3. Contact and Support Information

Building Name, code and room number: (Search ASU map)	SANCA 252
Program office telephone number: (<i>i.e.</i> 480/965-2100)	480/727-1526
Program Email Address:	cisa@asu.edu
Program Website Address:	https://cisa@asu.edu

4. Program Requirements: Provide applicable information regarding the program such as curricular restrictions or requirements, specific course lists, or academic retention requirements.

- All students must complete the 15 credit hours of required courses.
- Because of their specific design for this particular minor, required courses for the 15 credit hours cannot be substituted.
- All courses used to meet the three-credit hour elective component must be upper-division (numbered 300- to 400-level).
- Transfer hours cannot be used to meet the requirements for the 15 credit hours of courses required.

Required Minor Courses (15 credit hours)

ISS 301 Integrated Social Science Research Methods (3)

ISS 302 Scope of Social Science (3)

ISS 304 Integrated Theories of Social Science (3)

ISS 401 Statistics for Integrated Social Science (3)

STS 304 Science, Technology and Society, SB (3)

Students can select one course from the following to meet the additional three-credit hour elective:

POS 325 Public Policy Development, SB (3)

POS 485 Political Economy, SB (3)

SOC 332 The Modern City, G (3)

SOC 352 Social Change, SB, G and H (3)

SOC 420 Sociology of Religion, L or SB (3)

SOC 421 Education and Society, SB (3)

STS 306 Social Effects of Science and Technology, SB (3)

STS 317 Science, Technology, and Global Engagement, SB and G (3)

STS 329 Cultivating Technology in Newly Industrializing Countries, SB and G (3)

STS 330 Information Technology and Globalization, SB and G (3)

STS 331 Ethical Issues in Science and Technology, SB (3)

STS 332 Global Issues in Science and Technology, SB (3)

STS 364 Science, Technology and National Security, SB (3)

WST 300 Women and Gender in Contemporary Society, SB and C (3)

WST 380 Race, Gender, and Class, SB and C (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

5. Additional Enrollment Requirements If applicable list any additional enrollment requirements students must complete

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

6. Delivery/Campus Information Delivery: On-campus only (ground courses and/or iCourses)

Note: Once students elect a campus or On-line option, students will not be able to move back and forth between the on-campus and the ASU Online options. Approval from the Office of the University Provost and Philip Regier (Executive Vice Provost and Dean) is required to offer programs through ASU Online.

7. Campus/Locations: indicate all locations where this program will be offered.

- Downtown Phoenix Polytechnic Tempe West Other:

**Proposal to Establish New Undergraduate Degree and New Minor
College of Integrative Sciences and Arts**

BS & Minor in Integrative Social Science

The College of Integrative Sciences and Arts Curriculum Committee approved the proposals for the BS, MS and minor in integrative social science on January 30, 2016.

Impact Statement - College of Liberal Arts & Sciences



April 6, 2016

Duane Roen
Dean, College of Letters and Sciences
7001 E. Williams Field Rd.
Mesa, Arizona 85212 Dear

Duane,

This letter is to support the proposal for an undergraduate major and a minor, as well as a master's degree in Integrated Social Sciences as well as the courses to support these degrees at the Polytechnic Campus.

Sincerely,

A handwritten signature in blue ink that reads "Elizabeth Wentz".

Elizabeth Wentz

Impact Statement – New College of Interdisciplinary Arts and Sciences

From: Todd Sandrin

Sent: Friday, February 05, 2016 12:06 PM

To: Duane Roen <Duane.Roen@asu.edu>; Marlene Tromp <Marlene.Tromp@asu.edu>

Subject: RE: Request for Impact Statements for New Program Proposals in Integrative Social Science--BS, MS, and minor

Dear Duane,

Thank you for connecting with us regarding these exciting new degree programs. We believe they will neither create direct competition nor impact New College significantly.

Thanks,
Todd

Impact Statement – School for the Future of Innovation in Society

From: David Guston
Sent: Tuesday, September 27, 2016 10:07 AM
To: Duane Roen <Duane.Roen@asu.edu>
Cc: Gary Grossman <GARY.GROSSMAN@asu.edu>; Jameson Wetmore <Jameson.Wetmore@asu.edu>
Subject: Re: Request for Impact Statement for Undergraduate Integrative Social Science Proposals

Duane

After consulting with my undergraduate chair (Jamey) and my associate director for programs (Gary), I have no particular objections to this proposal.

Given the strong presence of STS courses present in this proposed curriculum, I would hope that the new major would accept FIS courses as electives.

Thanks

Dave

David H. Guston
Founding Director and Professor, School for the Future of Innovation in Society (sfis.asu.edu)
Director, [Center for Nanotechnology in Society at ASU](#)
Co-director, [Consortium for Science, Policy & Outcomes](#)
Director, [Virtual Institute for Responsible Innovation](#)

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