

INFORMATION SYSTEMS AND STATISTICAL ANALYSIS, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Description

This minor focuses on the use of information systems and statistical methods for solution of human problems. This minor is applicable to any major throughout the University and enhances the student's preparedness for graduate, research, and career opportunities.

What is Information Systems and Statistical Analysis?

The ISSA minor focuses on the use of information systems and statistical methods for the solution of human problems. This minor is applicable to any major throughout the University and enhances the student's preparedness for graduate, research and career opportunities. Students in this minor will develop skills in information management and productivity systems, Internet-based information and communication services, and statistical analysis and interpretation. Upon completion of this minor, the student should have a firm grounding in the use of these technologies and their application to practical problems involving the management and utilization of information.

Program Requirements

Requirement	Credits
Requirements for the Minor	19

Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (<http://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10>).

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better</i>		
CAS 283	Communication and Information Technology I	3
CAS 483	Communication and Information Technology II	3
STAT 200	Elementary Statistics	4
Supporting Courses and Related Areas		
<i>Supporting Courses and Related Areas: Require a grade of C or better</i>		
Select 9 credits (at least 3 credits at the 400 level) in consultation with the adviser of courses focusing on information systems or computer science		9

¹ No more than 6 credits may be selected in computer science. Contact person in charge of the minor for list of appropriate courses.

Academic Advising

The objectives of the university's academic advising program are to help advisees identify and achieve their academic goals, to promote their

intellectual discovery, and to encourage students to take advantage of both in-and-out-of class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee's unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (<http://senate.psu.edu/policies-and-rules-for-undergraduate-students/32-00-advising-policy/>)

University Park

Liberal Arts Academic Advising

814-865-2545

<http://starfish.psu.edu>

<http://www.la.psu.edu/current-students/undergraduate-students/education/majors-and-minors> (<http://www.la.psu.edu/current-students/undergraduate-students/education/majors-and-minors/>)

Career Paths

CAS students are change makers: analysts, strategists, persuaders, facilitators, collaborators, connectors, and scholars. The CAS minor serves as a valuable supplement to a wide array of majors, and helps to equip students for success in the work force, graduate school, and civic life. CAS courses provide students with the theories, methods, practical tools, and experiences to understand the roots of social conflict and the sources of well-being.

Careers

A CAS undergraduate minor helps to prepare students for careers in academics, law, sales, corporate communication, health and human services, community activism, and digital technology. Students graduating from CAS studies may work as analysts, strategists, facilitators, collaborators, or negotiators.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES WITH A MINOR IN INFORMATION SYSTEMS AND STATISTICAL ANALYSIS (<http://cas.la.psu.edu/undergraduate/hiring-cas-majors/>)

Opportunities for Graduate Studies

The CAS minors supplement a wide variety of major fields in its preparation of students for graduate study in communication science or rhetoric, as well as in law, public policy, behavioral science, health and human services, human development, business, social work, and other related fields.

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDIES (<http://cas.la.psu.edu/undergraduate/hiring-cas-majors/>)

Contact

University Park

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<http://cas.la.psu.edu/>