
Division of Undergraduate Academic Services

www.asu.edu/duas

[William S. Johnson, Ph.D., Executive Director](#)

The Division of Undergraduate Academic Services is a primary source of academic support for students, faculty, and staff. The division coordinates and offers academic programs and services designed to enhance the academic experience of ASU undergraduate students. The goals of the division are to play a major role in student retention, provide students the support necessary for successful completion of their first year and beyond, and offer students learning experiences that complement those provided by other academic units.

The division includes Education Support Services, Bachelor of Interdisciplinary Studies, Advising Services, and General Studies.

EDUCATION SUPPORT SERVICES

This unit provides university-wide teaching and learning support to students and faculty in defined academic areas.

For more information, call 480/965-3097.

Campus Match

Campus Match is a first-semester fall program that gives freshmen the opportunity to attend classes in small learning communities according to their academic interest. Students choose a “cluster” of classes from a wide variety of offerings. Each cluster is limited to 25 students who enroll in and attend classes together. All students attend a weekly peer-led seminar that facilitates their social and academic adjustment to the university.

Academic Success at the University Courses

The purpose of the UNI courses is to assist first-year, transfer, and reentry students in making a successful transition to the university. Students learn university resources, policies and procedures, study skills, values and goal setting, human diversity, academic and career planning, and other skills.

ACADEMIC SUCCESS AT THE UNIVERSITY (UNI)

UNI 100 Academic Success at the University. (3)

fall, spring, summer

Orientation to campus resources, study skills, and other academic and social issues for college students. Introduces an understanding of human diversity, values, and perspectives as they relate to student success. Lecture, seminar, discussion. Prerequisite: freshman or sophomore or transfer student.

UNI 101 Student Success Seminar. (1)

fall and summer

Understanding human diversity, perspectives, and values as they relate to student success. Orientation to ASU resources, study skills, and academic and social issues for students. Seminar, discussion.

UNI 494 Special Topics. (1–4)

fall and spring

Topics may include the following:

- Science is Magic Internship. (3)
Presents science demonstrations to K–8 children at their schools. Interns are trained by personnel from the Center for Solid State Science. This internship does not follow the format of the others.

Omnibus Courses. For an explanation of courses offered but not specifically listed in this catalog, see “Omnibus Courses,” page 56.

Supplemental Instruction

Supplemental Instruction (SI) works to improve student performance and increase retention in historically difficult courses (those with high rates of “D,” “E,” and “W” grades). An SI leader attends class and offers voluntary study sessions to all students enrolled in the class. During the study sessions, students work together to learn course content and to enhance study skills.

Summer Bridge

Summer Bridge is a program designed to assist first-semester freshmen in making the transition from high school to university life. Summer Bridge is a five-week, residential program that provides a full academic curriculum in conjunction with a rich residence hall experience. The program assists participants in acclimating to campus, accessing student support programs and services, and enhancing classroom skills.

Service Learning Program

The Service Learning Program uses community service to enhance education. The program is based on the concept of reciprocal learning. Service Learning sections of regular courses are linked to credit-bearing internships where students apply what they are learning in the community to their course work.

For example, some Service Learning students contribute one-on-one homework tutoring, reading development, educational enrichment workshops, and learning readiness programs for children and youth for six hours a week during the semester. In turn, the tutors’ community experiences and research form the basis of their classroom papers and research. Other Service Learning students lead elementary and middle-school students in hands-on learning activities based on the content of the linked ASU courses.

Students may enroll in the internships with previous or current enrollment in one of the following linked courses or equivalent, approved courses.

See appropriate course listings for more details.

L literacy and critical inquiry / MA mathematics / CS computer/statistics/ quantitative applications / HU humanities and fine arts / SB social and behavioral sciences / SG natural science—general core courses / SQ natural science—quantitative / C cultural diversity in the United States / G global / H historical / See “General Studies,” page 83.

DIVISION OF UNDERGRADUATE ACADEMIC SERVICES

Linked Courses

| | | |
|---------|--|---|
| EED 420 | Science Methods, Management, and Assessment in the Elementary School | 3 |
| ENG 102 | First-Year Composition | 3 |
| ENG 217 | Writing Reflective Essays <i>L</i> | 3 |
| ENG 312 | English in Its Social Setting <i>L/HU/SB</i> | 3 |
| ENG 471 | Literature for Adolescents <i>HU</i> | 3 |
| SOC 332 | Urban Sociology <i>SB, G</i> | 3 |
| SOC 341 | Modern Social Problems <i>SB</i> | 3 |

Sciences and Additional Courses

| | | |
|---------|---|---|
| GLG 101 | Introduction to Geology I (Physical) <i>SQ, G</i> | 3 |
| GLG 103 | Introduction to Geology I—Laboratory <i>SQ</i> | 1 |
| GPH 111 | Introduction to Physical Geography <i>SQ</i> | 4 |
| MTE 180 | Theory of Elementary Mathematics | 3 |
| PHS 208 | Patterns in Nature <i>SQ</i> | 4 |
| PLB 108 | Concepts in Plant Biology <i>SQ</i> | 4 |

Service Learning Internships

| | | |
|---------|---|---|
| ENG 484 | Writing Internship | 3 |
| GLG 484 | Geology Internship | 3 |
| GPH 484 | Physical Geography Internship | 3 |
| MTE 484 | Theory of Elementary Mathematics Internship | 3 |
| PHS 484 | Physical Science Internship | 3 |
| PLB 498 | PS: Plant Biology Internship | 3 |
| SOC 484 | Internship | 3 |
| UNI 494 | ST: Science is Magic Internship | 3 |

Writing Across the Curriculum (WAC)

Curriculum Development and Support. WAC Curriculum Development and Support is designed to assist in enhancing the quality of writing and critical thinking skills of university students.

WAC specialists consult with faculty on methods of developing and integrating writing assignments into course content. The specialists also provide customized in-class writing workshops designed to assist students in researching and responding to writing assignments.

Writing Center. The Writing Center provides students with one-on-one and group tutoring in writing skills. Rather than proofreading or editing students' writing, the Writing Center teaches students the skills they need to improve their writing processes and products.

BACHELOR OF INTERDISCIPLINARY STUDIES

The Bachelor of Interdisciplinary Studies (B.I.S.) is a university-wide program intended for the student who has academic interests that might not be satisfied with existing majors. Building on two academic concentrations and an interdisciplinary core, students in the B.I.S. are expected to take an active role in creating their educational plan and defining their vocational goals. The B.I.S. emphasizes written communication, versatility, and critical thinking—skills desired in a changing workplace environment. Self-assessment and appraisal of opportunities to support academic and career goals are key elements in the core courses.

At ASU Main, students, other than entering freshmen, must attend an informational session conducted by an academic advisor before declaring the B.I.S. major. For more information, visit Academic Advising Services in UASB 129 or call 480/965-4464. For information about the B.I.S. at ASU East, see "Interdisciplinary Studies—B.I.S.," page 641.

The combination of areas of concentration gives students flexibility in creating a unique program to accomplish individualized academic goals. These combinations illustrate a range of examples:

1. anthropology and religious studies;
2. communication and small business;
3. communication and sociology;
4. dance and exercise science/physical education;
5. economics and Spanish;
6. environmental resources and geology;
7. environmental resources and political science;
8. justice studies and political science;
9. nonprofit/youth agency development and theatre; and
10. psychology and women's studies.

Basic Requirements

The B.I.S. requires 120 semester hours. The major is composed of a 12-semester-hour core and a minimum of 36 semester hours in two concentrations (18 hours each). Throughout the core sequence, the student assembles a portfolio including self-assessment of progress toward career goals and an evaluation of key educational and personal activities that may apply. All core courses must be completed with a grade of "C" or higher.

Core Courses

| | | |
|---------|---|----|
| BIS 301 | Foundations of Interdisciplinary Studies <i>L</i> | 3 |
| BIS 302 | Interdisciplinary Principles | 3 |
| BIS 401 | Applied Interdisciplinary Studies | 3 |
| BIS 402 | Senior Seminar <i>L</i> | 3 |
| Total | | 12 |

Other Requirements

In addition to the basic requirements, students must complete all university requirements, including First-Year Composition and General Studies. Early advising is recommended to facilitate selecting courses that may apply to both the General Studies requirements and the areas of concentration.

Declaring the B.I.S. Major. Academic advising from Academic Advising Services is required before being approved to declare the B.I.S. In addition, the following requirements must be met:

1. 45 semester hours of college credit;
2. cumulative G.P.A. of 2.00; and
3. selection of two concentrations, with a minimum of two courses in each (minimum grade of "C") completed or one completed and one in progress (i.e., after the drop/add period) in each area.

All incoming students and continuing students with a minimum GPA of 2.00 who do not meet the above requirements are placed in a pre-B.I.S. major until the requirements have been met.

Approved Concentrations

Each concentration requires 18 semester hours, with a grade of "C" or higher. Twelve of these hours must be in

upper-division courses. The concentrations—shown in the “B.I.S. Concentrations” table, page 116—are mostly based on existing minors or certificate programs and should represent academic interests that the student wishes to integrate into a meaningful program. Concentrations based on minors or certificates with fewer than 18 hours have additional semester hours required. Complete information on each concentration is available by visiting Academic Advising Services in UASB 129 or by accessing the B.I.S. Web site at www.asu.edu/duas/bis.

A minimum of three semesters is required to complete the core sequence. BIS 301 is taken first and is the prerequisite to BIS 302. BIS 301 and 302 are prerequisites to 401 and 402, which may be taken concurrently; however, BIS 401 is a corequisite or prerequisite for 402. To enroll in BIS 401, a student must apply for the course during the semester before desired enrollment.

BACHELOR OF INTERDISCIPLINARY STUDIES (BIS)

BIS 301 Foundations of Interdisciplinary Studies. (3)

fall and spring

Introduces concepts and methods of interdisciplinary study by critically examining anticipated 21st-century workplace and civic trends. Lecture, seminar, discussion. Prerequisites: B.I.S. major; 2.00 GPA. *General Studies: L*

BIS 302 Interdisciplinary Principles. (3)

fall and spring

Explores interdisciplinarity and integration as applied to various approaches of human inquiry. Lecture, seminar, discussion. Prerequisite: BIS 301.

BIS 401 Applied Interdisciplinary Studies. (3)

fall and spring

Applies interdisciplinary problem-solving skills in internships, service-learning, or research; may involve individual or group projects combining both concentrations. Prerequisites: BIS 301, 302; prior application.

BIS 402 Senior Seminar. (3)

fall and spring

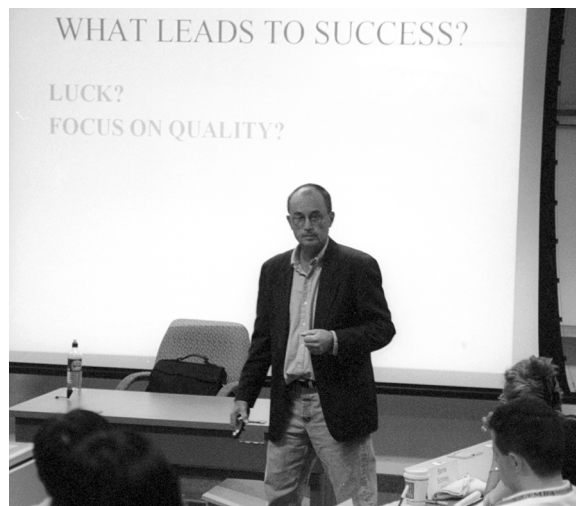
Capstone course helps integrate classroom and experiential learning. Students choose among course topics that address their interests. Lecture, seminar, discussion. Prerequisites: BIS 301, 302. Pre- or corequisite: BIS 401. *General Studies: L*

Omnibus Courses. For an explanation of courses offered but not specifically listed in this catalog, see “Omnibus Courses,” page 56.

ASU EXTENDED CAMPUS

The College of Extended Education was created in 1990 to extend the resources of ASU throughout Maricopa County, the state, and the region. The College of Extended Education is a university-wide college that oversees the ASU Extended Campus and forms partnerships with other ASU colleges and the Division of Undergraduate Academic Services to meet the instructional and informational needs of a diverse community.

The ASU Extended Campus goes beyond the boundaries of the university’s three physical campuses to provide access to quality academic credit and degree programs for working adults through flexible schedules; a vast network of off-campus sites; classes scheduled days, evenings, and weekends; and innovative delivery technologies including television, the Internet, and Independent Learning. The ASU Extended Campus also offers a variety of professional continuing education and community outreach programs.



William Boyes, professor of Economics, leads a class discussion.

Tim Trumble photo

For more information, see “ASU Extended Campus,” page 703, or access the Web site at www.asu.edu/xed.

ADVISING SERVICES

Academic Advising Services

Academic Advising Services is a central advising, referral, and information facility whose staff is available to assist students in their academic careers at ASU. Emphasis is placed on advising services to undeclared first-time and transfer students, and students in transition, such as those changing majors and those without majors. In addition to guidance in the exploration or selection of a major, Academic Advising Services provides general academic information and referrals to all areas of student academic support.

Academic Advising Services is located in UASB 129 and can be reached by phone at 480/965-4464.

Degree Audit Reporting System (DARS)

DARS is an online tool that provides students with consistent, accurate information regarding their academic requirements. Through this system, a degree audit is produced that matches a student’s completed courses against degree program requirements in a matter of seconds. The audit allows students to assess their progress toward their degree or to determine how their earned credits would apply if they were to pursue another degree program. Audits may be obtained from the student’s academic advisor.

GENERAL STUDIES

All students enrolled in a baccalaureate degree program must satisfy the General Studies requirement. For more information, see “University Graduation Requirements,” page 79, and “General Studies,” page 83.

L literacy and critical inquiry / **MA** mathematics / **CS** computer/statistics/quantitative applications / **HU** humanities and fine arts / **SB** social and behavioral sciences / **SG** natural science—general core courses / **SQ** natural science—quantitative / **C** cultural diversity in the United States / **G** global / **H** historical / See “General Studies,” page 83.

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B.I.S. Concentrations

| Concentration | College | Campus | Page |
|--|---|--------|------|
| African American studies | College of Liberal Arts and Sciences | Main | 342 |
| American Indian studies | College of Public Programs | Main | 489 |
| Anthropology | College of Liberal Arts and Sciences | Main | 347 |
| Art history | Herberger College of Fine Arts | Main | 279 |
| Asian Pacific American studies | College of Public Programs | Main | 490 |
| Asian studies | College of Liberal Arts and Sciences | Main | 336 |
| Astronomy | College of Liberal Arts and Sciences | Main | 437 |
| Biology ¹ | College of Liberal Arts and Sciences | Main | 354 |
| Business | College of Business | Main | 181 |
| Chemistry | College of Liberal Arts and Sciences | Main | 360 |
| Chicana and Chicano studies | College of Liberal Arts and Sciences | Main | 365 |
| Chinese | College of Liberal Arts and Sciences | Main | 403 |
| Classical studies—Greek | College of Liberal Arts and Sciences | Main | 336 |
| Classical studies—Latin | College of Liberal Arts and Sciences | Main | 336 |
| Communication | College of Public Programs | Main | 491 |
| Computational mathematical sciences | College of Liberal Arts and Sciences | Main | 419 |
| Dance | Herberger College of Fine Arts | Main | 296 |
| Design studies | College of Architecture and Environmental Design | Main | 139 |
| East Asian studies | College of Liberal Arts and Sciences | Main | 460 |
| Economics | College of Liberal Arts and Sciences | Main | 367 |
| Economics for students planning a career in law | College of Liberal Arts and Sciences | Main | 367 |
| Education | College of Education | Main | 194 |
| English—creative writing ² | College of Liberal Arts and Sciences | Main | 368 |
| English with a concentration in linguistics ² | College of Liberal Arts and Sciences | Main | 368 |
| English with a concentration in literature ² | College of Liberal Arts and Sciences | Main | 368 |
| English—writing certificate ² | College of Liberal Arts and Sciences | Main | 369 |
| Environmental geography ³ | College of Liberal Arts and Sciences | Main | 382 |
| Environmental resources | Morrison School of Agribusiness and Resource Management | East | 632 |
| Environmental science ⁴ | — | East | 633 |
| Ethics | College of Liberal Arts and Sciences | Main | 337 |
| Exercise science/physical education | College of Liberal Arts and Sciences | Main | 375 |
| Family studies/child development | College of Liberal Arts and Sciences | Main | 379 |
| Food and nutrition management | East College | East | 651 |
| French | College of Liberal Arts and Sciences | Main | 402 |
| Geographical information science ³ | College of Liberal Arts and Sciences | Main | 381 |
| Geography ³ | College of Liberal Arts and Sciences | Main | 381 |
| Geography for business ³ | College of Liberal Arts and Sciences | Main | 381 |
| Geological sciences | College of Liberal Arts and Sciences | Main | 387 |
| German | College of Liberal Arts and Sciences | Main | 402 |
| Gerontology | Graduate College | Main | 518 |
| Global family ⁴ | — | Main | — |
| Hazardous materials and waste management | College of Technology and Applied Sciences | East | 671 |
| History | College of Liberal Arts and Sciences | Main | 390 |
| History and philosophy of science | College of Liberal Arts and Sciences | Main | 434 |
| Human nutrition | East College | East | 652 |
| Humanities | College of Liberal Arts and Sciences | Main | 397 |
| Interior design history | College of Architecture and Environmental Design | Main | 141 |
| International business studies ⁴ | College of Business | Main | 161 |
| International geography ³ | College of Liberal Arts and Sciences | Main | 381 |

¹ Students may not use more than one concentration in the life sciences: biology, microbiology, and plant biology.

² Students may not use more than one English concentration.

³ Students may not use more than one geography concentration.

⁴ The program may award a certificate upon completion.

B.I.S. Concentrations (continued)

| Concentration | College | Campus | Page |
|--|---|--------|------|
| Italian | College of Liberal Arts and Sciences | Main | 402 |
| Japanese | College of Liberal Arts and Sciences | Main | 402 |
| Jewish studies | College of Liberal Arts and Sciences | Main | 338 |
| Justice studies | College of Public Programs | Main | 500 |
| Landscape studies | College of Architecture and Environmental Design | Main | 145 |
| Latin American studies | College of Liberal Arts and Sciences | Main | 367 |
| Mass communication | College of Public Programs | Main | 497 |
| Mathematics | College of Liberal Arts and Sciences | Main | 420 |
| Medieval and Renaissance studies | College of Liberal Arts and Sciences | Main | 390 |
| Microbiology ¹ | College of Liberal Arts and Sciences | Main | 427 |
| Multimedia writing and technical communication | East College | East | 650 |
| Music | Herberger College of Fine Arts | Main | 301 |
| Nonprofit/youth agency administration | College of Public Programs | Main | 507 |
| Organizational studies | — | — | — |
| Philosophy | College of Liberal Arts and Sciences | Main | 434 |
| Physics | College of Liberal Arts and Sciences | Main | 438 |
| Plant biology ¹ | College of Liberal Arts and Sciences | Main | 445 |
| Plant biology—environmental science and ecology ¹ | College of Liberal Arts and Sciences | Main | 443 |
| Plant biology—molecular biosciences/ biotechnology ¹ | College of Liberal Arts and Sciences | Main | 432 |
| Plant biology—urban horticulture ¹ | College of Liberal Arts and Sciences | Main | 444 |
| Political science | College of Liberal Arts and Sciences | Main | 448 |
| Psychology | College of Liberal Arts and Sciences | Main | 456 |
| Public administration | College of Public Programs | Main | 504 |
| Quality analysis | College of Business | Main | 161 |
| Recreation management | College of Public Programs | Main | 506 |
| Religious studies | College of Liberal Arts and Sciences | Main | 459 |
| Russian | College of Liberal Arts and Sciences | Main | 402 |
| Russian and East European studies | College of Liberal Arts and Sciences | Main | 338 |
| Scandinavian studies | College of Liberal Arts and Sciences | Main | 339 |
| Sociology | College of Liberal Arts and Sciences | Main | 464 |
| Southeast Asian studies—area studies option | College of Liberal Arts and Sciences | Main | 339 |
| Southeast Asian studies—language option | College of Liberal Arts and Sciences | Main | 339 |
| Spanish | College of Liberal Arts and Sciences | Main | 402 |
| Spanish for native speakers | College of Liberal Arts and Sciences | Main | 402 |
| Statistics | College of Liberal Arts and Sciences | Main | 420 |
| Symbolic systems | College of Liberal Arts and Sciences | Main | 434 |
| Theatre | Herberger College of Fine Arts | Main | 317 |
| Tourism | College of Public Programs | Main | 506 |
| Translation (Spanish/English) | College of Liberal Arts and Sciences | Main | 402 |
| Urban planning | College of Architecture and Environmental Design | Main | 146 |
| Wellness foundations | East College | East | 646 |
| Women's studies | College of Liberal Arts and Sciences | Main | 471 |

¹ Students may not use more than one concentration in the life sciences: biology, microbiology, and plant biology.

² Students may not use more than one English concentration.

³ Students may not use more than one geography concentration.

⁴ The program may award a certificate upon completion.