Welcome to the Global Technology and Development (GTD) degree program! The program is administered by the School for the Future of Innovation in Society (SFIS). This handbook is designed primarily to guide graduate students through the degree program. It includes specific information about requirements and policies associated with the degree program. Should questions arise that are not answered here, please consult the program advisors.

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WELCOME

The MS in Global Technology and Development program (GTD) offers students a global program that encompasses social, economic and political development, while highlighting the variables of technology and innovation in these development processes.

One of the central concerns addressed in the program is the global disparity in wealth and access to resources and basic needs, both between and within countries. Students are encouraged to pursue questions of their own that engage them in social science research on issues related to technology and human socioeconomic and political development within nations, regions and around the globe.

Flexibility is one of the hallmarks of the GTD program. Both campus-based and online program options are available to suit individual learning styles, work schedules and locations. A diverse list of course options are available each semester to fulfill program requirements, and many courses are available from programs across the university. Students can complete the program with unique research projects or with more applied and practical internship experiences.

The GTD student body represents a diversity of backgrounds, experiences and interests, and a myriad of undergraduate degrees, from engineering to the social sciences. Students who have graduated with their M.S. degree in Global Technology and Development are currently working for international development agencies, non-governmental organizations, the private sector in technology, and military and educational institutions.

Please do not hesitate to contact any of us during your journey as a master's student in the GTD MS program. We look forward to working with you!

Mary Jane Parmentier, Clinical Associate Professor, GTD Program Chair
WHAT IS THE GLOBAL TECHNOLOGY AND DEVELOPMENT?

The **Master of Science in Global Technology and Development** offers a globally focused social science program that offers students to understanding of systems of technology, the interface between technology and society, and current dynamics of global development, innovation and change. On a theoretical level, the program seeks to bridge the perspectives of international development and science, technology and society, incorporating theoretical and conceptual frameworks from both fields of study into the core curriculum. The study of technology and applied sciences has traditionally taken place separately from the social science disciplines, offering little insight into how the advance of technology affects social, political and economic development, and vice versa. At the same time, academic programs that do explore these issues are sometimes created in isolation from science and technology. Yet, in the 21st century, it is imperative that we seek to understand the interrelationships between technological and human development, as well as how these impact the environment. In addition to specialized technologists, a growing need is foreseen for professionals with a grasp of the large-scope technological change, who in effect may become *technology interpreters* for policymakers. Policymakers and practitioners of development are facing the incorporation of technology as a centerpiece of development strategies, and yet outcomes are not always certain. The way in which technologies are transferred, adapted, and affect societies vary according to cultural, political and socioeconomic contexts.

The course of study is designed to empower graduates of the program with the capacity to understand and analyze the impact that globalization, development policies and practices, and technological development has had on the world, and to use that knowledge to assess its impact and influence appropriate policies and programs for the future. Students completing the Master of Science in Global Technology and Development will possess research skills enabling them to pursue their own research agenda in international development, as well as to critically assess the work of others in their professional environments. Graduates bring to their organizations knowledge and awareness of how development priorities vary in different societies, and how technology can be adapted and utilized with differing results. Moreover, the program provides a curriculum that gives graduates a global perspective, and sensitivity to how the diffusion and power dynamics of technology might transform our world. Through integrating the study of human development with the study of technology, students are prepared for careers in technology-related public policy, government service, international development and international management, as well as the private sector.

**Program Objectives**

The goals are to provide students with the following:

- Identification and evaluation of theories of economic, social and political development, and how they help us understand the impact of technology.
- A broad understanding of sociotechnical systems and scope of human activity globalized and revolutionized by technology, particularly in the current era of globalization.
- Critical analyses of current global events and situations including an understanding of their historical contexts, in order to make appropriate policy decisions regarding global development.
- Understanding of the implications of innovation and development in environments other than their own society and culture.
- Appreciation of factors that differ in various cultural, political and social contexts.
- Identification of problems, formulation of research agendas, and implementation of research.
WHAT IS SFIS?
The influence of science, technology and innovation in how we live our lives has never been greater. Tomorrow it is likely to be greater still. Headlines that would have seemed like science fiction a few short years announce new technical realities: “editing” human genes to erase disease traits or add new ones; programming robotic drones to operate autonomously on the battlefield; and collecting and interpreting data from nearly uncountable human interactions. These new capabilities contain both promise and challenge. But it is not just new technologies that draw our attention. The legacies of fossil fuels and nuclear power are ongoing. Our urban infrastructures of water, energy, transportation, food and health are intertwined in complex ways. Gaps between technological haves and have-nots are profound and stubbornly persistent against the backdrop of technological change.

Universities prepare students for the future. At SFIS we’re making the future – or, rather, the set of plausible futures that humanity has – a focus of our activities. We are planning now for the kinds of futures that we will want to inhabit.

Universities are at the forefront of innovation, generating and applying knowledge to improve our lives. At SFIS we’re making innovation the object of systematic study and informed critique, so that we might get what we truly want and need out of our scientific and technological endeavors.

Universities serve society by producing knowledge and facilitating opportunity. They educate new generations of informed citizens and skilled, productive workers. At SFIS we see our efforts as part of a larger social fabric – local, regional, national, global – that informs our wants and needs about the futures we will want to inhabit.

Our faculty have an extraordinary record that fully embraces the design aspirations of the New American University and the ASU Charter. Their interdisciplinary backgrounds enable them to advance use-inspired research in creative ways, for example, by bringing art and science together to help people learn about the societal aspects of emerging technologies. Their commitment to outcomes means seeking positive, knowledge-based transformations of society, like sustainable energy futures here in Arizona or agricultural practices resilient to climate change in Nepal.

Through our courses and curricula, our faculty will – in the words of visionary John Seely Brown – “teach content, mentor skills, and cultivate dispositions.” SFIS programs are designed to allow students to make innovative choices and follow their creative instincts. Success is less about checking the right box and more about taking intellectual risks and designing novel combinations. Our PhD programs prepare students to perform research and create new knowledge about complex, socio-technical phenomena. Our master’s programs prepare students to take on professional roles in serving the public good by understanding and translating new knowledge in domestic and global settings. Our undergraduate programs prepare a great variety of students to succeed in creating futures that are for everyone.

~ David Guston, SFIS Director

ORGANIZATION OF SFIS

- **Director**
  David Guston – [David.Guston@asu.edu](mailto:David.Guston@asu.edu)

- **Associate Director for Faculty**
  Andrew Maynard – [Andrew.Maynard@asu.edu](mailto:Andrew.Maynard@asu.edu)

- **Associate Director for Academic Programs**
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- **Assistant Director for Innovation Policy**
  Michael Bennett – [Michael.G.Bennett@asu.edu](mailto:Michael.G.Bennett@asu.edu)

- **GTD Degree Program Chair**
  Mary Jane Parmentier – [MJ.Parmentier@asu.edu](mailto:MJ.Parmentier@asu.edu) – (480) 727-91156
• **GTD Program and Application Review Committee**
  The GTD Graduate Application Review Committee consists of the Degree Program Chair, who also serves as the chair of the application review committee, and other SFIS faculty.

• **GTD Graduate Program Academic Advisor**
  Wendi Taylor – Wendi.Taylor@asu.edu – (480) 965-6584
STUDENT RESPONSIBILITIES

PURPOSE OF THE HANDBOOK
The handbook provides an overview of the policies and procedures for students in the GTD degree program. It serves as an initial resource to give guidance and to answer questions, but students are also encouraged to consult with their faculty mentor/advisor, the Degree Program Chair, or the GTD Graduate Program Academic Advisor. The primary references for graduate students on rules and regulations are the Arizona State University Academic Catalog available at https://catalog.asu.edu/ and the Graduate College Policies and Procedures Manual available at https://graduate.asu.edu/sites/default/files/asu-graduate-policies-and-procedures_032019_0.pdf. Each student should become familiar with both.

POLICIES AND PROCEDURES
It is the responsibility of each student to understand and observe all procedures and requirements specified by the Graduate College and the School for the Future of Innovation in Society. It is a requirement for all students to read and understand the GTD Graduate Student Handbook, the ASU Academic Catalog and Graduate College Policies and Procedures. Faculty and staff provide academic advice and assistance; however, the ultimate responsibility for meeting degree and other requirements remains with the student.

COMMUNICATION FROM SFIS
All ASU students are also required to have an active ASU e-mail account and to check it frequently. Students may forward their ASU email to another preferred account but are still responsible for frequently checking their official ASU email account for correspondence. Information is provided to students via MyASU (https://my.asu.edu/), and students should frequently check their MyASU Account for information regarding their status, holds, and list of “to do” items.

STUDENT OBLIGATION TO NOTIFY SFIS OF THE FOLLOWING CONDITIONS
According to the Teaching Assistant (TA)/Research Assistant (RA) Handbook provided by the Graduate College, “TAs/RAs are not restricted from holding additional teaching or consulting positions outside of the university unless otherwise indicated by their appointing unit. Academic units may choose to stipulate that by accepting their assistantship, TAs/RAs agree not to hold any outside teaching or consultant position without prior consultation and agreement between the department and the TA/RA.”

Graduate students who receive financial support from SFIS or from any external source (e.g., NSF, or a foundation) that covers tuition and includes a stipend equal to or greater than 20 hours per week of support must immediately notify their advisor and their program chair in writing if they have an additional offer of employment or funding within ASU or outside ASU.

Graduate students enrolled full-time in any program must immediately notify their advisor and their program chair in writing if they are enrolled in any other degree program, including programs at ASU or at other institutions.

STUDENT CODE OF CONDUCT AND ACADEMIC INTEGRITY
As a graduate student you have joined a larger community that is engaged in the quest for truth, thus committing yourself to an honest, ethical, and cooperative style of learning and inquiry. You will represent the university within this community in many ways and consequently are requested to consider that responsibility in your conduct and general appearance. Course work must reflect individual effort and integrity. Your research and applied project work must be original, accurate, and documented, and must reflect individual effort and integrity. When in doubt about appropriate conduct, students should consult a faculty advisor to seek clarification. Additional information about academic integrity policies of the University is available at https://provost.asu.edu/academic-integrity/policy. SFIS has a zero-tolerance policy for any form of academic misconduct. Penalties for unethical behavior range from being placed on academic probation to dismissal from the program.

Newly admitted students will receive a notice under “Priority Tasks” on their MyASU directing them to complete an online module on academic integrity. There is a link in the notice that will bring them directly into the module, so that they can self-enroll. The module consists of a PowerPoint that outlines academic integrity at length. Then, the student will be required to take a very short quiz on what they have learned. Students are required to pass with an 80% or higher. Once successfully passed, the priority task will be removed in the overnight process automatically.
The highest standards of academic integrity and compliance with the university’s Student Code of Conduct (https://eoss.asu.edu/dos/srr/codeofconduct) are expected of all graduate students in academic coursework and research activities. The failure of any graduate student to uphold these standards may result in serious consequences including suspension or expulsion from the university and/or other sanctions as specified in the academic integrity policies of individual colleges as well as the university.

The ASU student academic integrity policy lists violations in detail. These violations fall into five broad areas that include but are not limited to:

1. Cheating on an academic evaluation or assignment.
2. Plagiarizing.
3. Academic deceit, such as fabricating data or information.
4. Aiding academic integrity policy violations and inappropriately collaborating.
5. Falsifying academic records.

Each student must act with honesty and integrity, and must respect the rights of others in carrying out all academic assignments. A student may be found to have engaged in academic dishonesty if, in connection with any Academic Evaluation or academic or research assignment (including a paid research position), he or she:

1. Engages in any form of academic deceit;
2. Refers to materials or sources or uses devices (e.g., computer disks, audio recorders, camera phones, text messages, crib sheets, calculators, solution manuals, materials from previous classes, or commercial research services) not authorized by the instructor for use during the Academic Evaluation or assignment;
3. Possesses, reviews, buys, sells, obtains, or uses, without appropriate authorization, any materials intended to be used for an Academic Evaluation or assignment in advance of its administration;
4. Acts as a substitute for another person in any Academic Evaluation or assignment;
5. Uses a substitute in any Academic Evaluation or assignment;
6. Depends on the aid of others, including other students or tutors, in connection with any Academic Evaluation or assignment to the extent that the work is not representative of the student's abilities;
7. Provides inappropriate aid to another person in connection with any Academic Evaluation or assignment, including the unauthorized use of camera phones, text messages, photocopies, notes or other means to copy or photograph materials used or intended for Academic Evaluation;
8. Engages in Plagiarism;
9. Uses materials from the Internet or any other source without full and appropriate attribution;
10. Permits his or her work to be submitted by another person in connection with any Academic Evaluation or assignment, without authorization;
11. Claims credit for or submits work done by another;
12. Signs an attendance sheet for another student, allows another student to sign on the student's behalf, or otherwise participates in gaining credit for attendance for oneself or another without actually attending;
13. Falsifying or misrepresenting hours or activities in relationship to an internship, externship, field experience, clinical activity or similar activity; or
14. Attempts to influence or change any Academic Evaluation, assignment or academic record for reasons having no relevance to academic achievement.

The Student Code of Conduct sets forth the standards of conduct expected of students who choose to join the university community. Students who violate these standards will be subject to disciplinary sanctions in order to promote their own personal development, to protect the university community, and to maintain order and stability on campus. All Students are expected to adhere to the ABOR Student Code of Conduct.

RESEARCH INTEGRITY AND ASSURANCE

Students who are collecting human subjects data as part of their research must submit their research proposal to the Institutional Review Board (IRB) submission along with their faculty research advisor. All research activities involving the use of human subjects must be reviewed and approved by the IRB before data collection can begin. Investigators may not solicit subject participation or begin data collection until they have IRB approval.

The Office of Research Integrity and Assurance was established as a resource for the university to achieve and maintain ethical principles and compliance with federal, state, and university regulations governing research. The Office of Research Integrity and Assurance coordinates the development of, implements and oversees university policies related to research compliance and provides support for the responsible conduct of research for the following areas:
Office of Research Integrity and Assurance
ASU Centerpoint
660 South Mill Avenue, Suite 312
Mail Code: 6111
Tempe, AZ 85281-6111
(480) 965-6788 Telephone
(480) 965-7772 Fax
research.integrity@asu.edu
ADMISSIONS POLICIES FOR GLOBAL TECHNOLOGY AND DEVELOPMENT

The School for the Future of Innovation in Society encourages applications from students of diverse backgrounds. To be eligible for admission, students are required to hold a minimum of a bachelor’s degree (or equivalent) or a graduate degree from a regionally accredited College or University of recognized standing. A bachelor’s degree in any field is potentially sufficient, though a combination of course work and/or work experience in technology/science and the social sciences is preferred. Students are strongly encouraged to have had prior relevant international or intercultural education, work, or experience. Students must also hold a minimum of a 3.00 cumulative GPA (on a scale where 4.0=A) in the last 60 hours of a student's first bachelor's degree program. A personal statement of purpose of 1-2 pages is required for admission and two letters of recommendation, either academic or professional. While the GRE is not required, the statement of purpose is a significant factor in the application process, and it should address the background and capabilities of the applicant, as well as their interest in the program.

APPLICATION DEADLINE
For the ASU GTD program, admissions are conducted three times per year, and students may begin the GTD program in Fall, Spring or Summer Semesters (though course offerings are more limited in summer), beginning with Session A and/or C. Applications may be reviewed by the degree program application review committee up to one week before start of classes in each semester, however to ensure enrollment in classes applicants are advised to apply at least one month before the start of classes in the session in which they begin.

APPLICATION PROCESS
The Global Technology and Development application process:

1. Initiate an online ASU Graduate Admissions Application through the Graduate College web site (https://admission.asu.edu/graduate) by creating an account – remember your log in email and password in case you need to return to the application.
2. Page 1: My Application Status; “Start New Application”
3. Page 2: Personal Information
4. Page 3: College and University information with majors and GPAs
5. Page 4: Residency information
6. Page 5: Degree Selection; Search by College = School for the Future of Innovation in Society; select “Global Technology and Development (MS)” then click the “Choose” button; in the pop up indicate “Tempe Campus” and the term for which you wish to apply
7. Page 6: Supplemental Application information
   • Identify any faculty, students or staff you have been in contact with about the degree program.
   • Request two Letters of Recommendation from people who can evaluate your potential for success in this program. These letters must be submitted using the online application system. As you move through the steps in the online application, you will be asked to enter the email addresses for the two people who will be writing your recommendations. The ASU Graduate College online application system will automatically contact them with information on how to log in to the online system and upload the Letter of Recommendation.
   • Prepare and upload a Personal Statement.
   • Answer the questions
   • Indicate if you are applying to an Accelerated 4+1 bachelor's/master’s program
8. Submit the online ASU Graduate Admissions Application.
9. Pay the Application Fee ($70 for domestic students, $90 for international students).
10. Have official transcripts* sent to ASU. One set of official transcripts from every college and university from which a Bachelors or higher degree was earned should be sent to:
    **If sending by U.S. Mail, use this address:**
    Admission Services Applicant Processing
    Arizona State University
    PO Box 871004
    Tempe, AZ 85287-1004
    **If sending by FedEx, DHL or UPS, use this address:**
    Arizona State University
    Admission Services Applicant Processing
    1150 East University Drive

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ASU transcripts do not need to be sent. If additional transcripts are required, the Graduate College will notify you.

ASU accepts electronic official transcripts from the following – please have the college and/or university send transcripts to gradtranscripts@asu.edu:
- E-Scrip
- Parchment
- Credentials, Inc.
- National Student Clearinghouse

**International Applicants** – more information on requirements for international academic credentials ([https://admission.asu.edu/international/graduate-apply](https://admission.asu.edu/international/graduate-apply)).

* You must have one set of official transcripts from every college and university from which you earned a bachelor’s degree or higher sent to ASU. ASU accepts official transcripts that are original academic credentials issued by the registrar of the institution attended, bearing the original raised or colored seal of the institution and the signature of your institution’s registrar, academic official or recognized international organization.

All international transcripts must be submitted in the original language accompanied by an official English translation. Translations must be literal, complete versions of the originals and must be translated by a university, government official or official translation service. You may not complete your own translation.

**Applicants from India and China:** Please reach out to SFISgrad@asu.edu for more information on where to send your official transcripts.

11. If appropriate, complete and submit the Financial Guarantee Form ([https://admission.asu.edu/international/student-visa](https://admission.asu.edu/international/student-visa)). This form must be completed by anyone who will attend ASU while holding an F-1 or J-1 visa. Send the form to:

   **If sending by U.S. Mail, use this address:**
   Admission Services Applicant Processing
   Arizona State University
   PO Box 871004
   Tempe, AZ 85287-1004

   **If sending by FedEx, DHL or UPS, use this address:**
   Arizona State University
   Admission Services Applicant Processing
   1150 East University Drive
   Building C, Room 226
   Tempe, AZ 85281

12. If you are from a country whose native language is not English, you must provide proof of English proficiency. Acceptable proof is as follows:
- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5 with no band below 6.0
- Pearson Test of English (PTE) score of at least 60
- Successful completion of ASU Global Launch Program

   More information on English Proficiency is available on the Graduate College web site ([https://admission.asu.edu/international/graduate/english-proficiency](https://admission.asu.edu/international/graduate/english-proficiency)).

**Admitted students must have proof of measles immunization on file with Student Health prior to class registration. See the Priorities List in MyASU for more information.**

**PROVISIONAL ADMISSION**
When an applicant does not meet minimum academic standards with respect to grade point averages as required by the Graduate College and the academic unit, but has additional evidence to suggest the potential for success, the GTD Application Review Committee might recommend that the student be considered for Provisional...
Admission. The student would be admitted with the provision that they must take a certain number of graduate level academic credits (applicable to the GTD program) over a specified period of time and obtain a specified GPA on that coursework. If students satisfy the requirements then they would be converted to regular admission status. If not, ASU Graduate Admissions will withdraw the student from the degree program.
TUITION COSTS AND FINANCIAL ASSISTANCE

TUITION COSTS and UNIVERSITY FEES
Tuition is set by ASU and the Arizona Board of Regents every year and tuition costs are subject to change. For the 2019-2020 academic year estimated ASU Tuition and ASU University Fees are:

- **AZ Resident Full Time** (7+ credit hours each semester for fall and spring terms) = $6,304 per semester x 2 semesters = $12,608 for both semesters
- **Out-of-state Full Time** (9 credit hours each semester for fall and spring terms) = $12,216 per semester x 2 semesters = $24,432
- **International Full Time** (9 credit hours each semester for fall and spring terms) = $13,933 for the fall semester + $14,443 for the spring semester (includes student health insurance) = $28,376

*Nine (9) credit hours per semester is considered full time for a graduate student. The estimated costs above are based on 9 credit hours. Students wishing to enroll in a different number of credit hours should consult the Tuition by Credit Hour charts available at the sites below.*

The ASU general tuition and fees schedule is available here: [https://catalog.asu.edu/tuitionandfees](https://catalog.asu.edu/tuitionandfees).
The ASU tuition and costs calculator is available here: [https://students.asu.edu/tuition](https://students.asu.edu/tuition).

RESIDENCY FOR TUITION PURPOSES
Students who wish to pursue AZ residency for tuition purposes can find more information on the University Registrar’s website. The Residency Navigator will help determine the best category and provide information on what documentation is necessary for the application.

TUITION ASSISTANCE, SCHOLARSHIPS, and FINANCIAL AID

**Coverdell Fellowship**
The Paul D. Coverdell Fellows Program at ASU assists Returned Peace Corps Volunteers (RPCVs) in obtaining an affordable or nearly free master’s degree in several programs. The MS in Global Technology and Development is one of the graduate programs participating in the Coverdell program. If chosen as a Coverdell Fellow students will
- receive tuition assistance, depending on the degree program you choose.
- Receive a master’s degree that will enhance your earning power and marketability with employers
- provide much-needed assistance to underserved American communities

**Graduate College Fellowship**
Each year a limited number of $5,000 or $10,000 fellowships may be awarded to first-year GTD students upon their admission. Early in January, the School for the Future of Innovation in Society reviews the applications of all admitted students for the upcoming academic year and makes nominations for the fellowship. Nominations are due to the Graduate College in late February so students wishing to be considered for this fellowship must have been admitted prior to that time.

**GTD Chair Awards**
The GTD Program often has small amounts of funding available for students in good standing, to attend conferences related to their studies, or to support travel for work associated with the applied project. Students may contact the GTD Graduate Program Academic Advisor for information on availability and how to apply.

**Traditional Financial Aid**
Loans and Grants may be available if the student has filed a FAFSA for the academic year. More information is available on ASU’s Financial Aid website.

**Research Assistant and Teaching Assistant Positions**
On occasion, the school may have an opening for a teaching assistant or a faculty member may have funding to support a research assistant. Students who are awarded a teaching or research assistantship must read and follow the Teaching Assistant/Research Assistant Handbook policies and guidelines.
Graduate students receiving research assistantships must be local to Arizona or Washington, DC offices of ASU and will thus be under the regular supervision of their faculty advisors. It is generally not appropriate for pre-qualified graduate students who are supported by the School or by faculty members to be remote. There are of course reasonable exceptions to this presumption, including, for example, conducting necessary research remotely.

**Scholarships**
Although graduate students do not qualify for grants from the state or federal government, there are other options to help fund your ASU education. Some private donors offer scholarships to graduate students and more information can be found on [Scholarship Search](#).
STEPS TOWARDS DEGREE

REQUIRED COURSEWORK

GTD Required Core Course (3 credits)
GTD 511 Development Policies and Practices (3 credits)
This course, which is taught as an icourse (online) provides a summary of development theory, policy and practice, with an emphasis on analyzing past successes and failures, and considering innovative ways in which collaboration with local knowledge systems can create more inclusive and equitable development worldwide.

Other Required Courses (12 credits)
GTD 501 Global Technology and Development (3 credits)
Students will be introduced to the main theories of economic, political and social development, as well as consider development indicators and government and non-governmental organizations’ policies and programs. With this background, the course will then explore the particular impact of technology on development, both positive and negative, with an emphasis on recent innovations and advancement.
GTD 503 Technology and the International Political System (3 credits)
This course will provide a history of how our current world political system developed, highlighting technological factors in this development, followed by a study of the impact of recent technologies on the system at the end of the 20th century, and considering such concepts as globalization, national versus international identity, the erosion of sovereignty, and how these impact international development.
GTD 505 Research Design in Technology and Development (3 credits)
This is a research design training course, where students learn the purposes of research and theory, the steps of the research process, including developing a problem statement, conducting a literature review and choosing appropriate data collection and analysis methods. A brief research proposal will be an outcome of the course.
GTD 506 Quantitative and Qualitative Analysis in Technology and Development (3 credits)
A survey of the wide range of methodological approaches to research in development studies, with an emphasis on methods choices for particular research problems, and understanding and analyzing qualitative and quantitative data.

GTD Regional and Area Courses (6 credits)
This series of 3 credit courses varies by region and topics studied, but they all aim to apply the concepts, theories and policies studied in the core and required courses, to a region of the world, or a particular facet of development. One of the courses taken in this group must be a course on a region of the world. There are often, in addition to the courses listed below, new special topics courses offered each year, as well as course offerings in other academic units that may fulfill this requirement upon approval by the GTD faculty.

GTD 504 – Technology and Development in Zones of Conflict (3 credits)
GTD 507 – Technology and Development in the Middle East (3 credits)
GTD 508 – Technology and Development in Latin America (3 credits)
GTD 509 – Technology and Development in North Africa (3 credits)
GTD 510 – Technology and Development in Sub-Saharan Africa (3 credits)
GTD 511 – Development Policies and Practices (3 credits)
GTD 512 – International Governance and Development of Nuclear Technologies (3 credits)
GTD 598 – Technology and Development in Global Education (3 credits)
GTD 598 – Technology and Development in South East Asia (3 credits)
GTD 598 - Gender, Development and Technology (3 credits)
GTD 598 - Grassroots Energy Innovation (3 credits)

Technology and Development – Restricted Electives (6 credits)
There is a wide range of course options to fulfill these restricted electives, offered by departments across the University. Each semester a list will be provided of approved courses in this category.

Culminating Experience Requirement: Applied Project (3 credits)
There is some flexibility and scope in the nature of each student’s Applied Project. It can be a research paper where students must introduce a research problem, conduct a relevant literature review, describe the methodology, and then conduct research, or, create a project as a solution to that problem. They would then evaluate the research
results, or the project — all in a written document. The research sequence of GTD 505 and GTD 506 is designed to prepare students for this culminating experience. There is room, however, for a variety of other options, including a research proposal for funding, a publishable paper, or a multimedia project such as film documentary or other audio visual exploration and demonstration of concepts, research, and development practices.

<table>
<thead>
<tr>
<th>Summary of M.S. Global Technology &amp; Development Requirements</th>
<th>Semester Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTD core and required courses</td>
<td>15</td>
</tr>
<tr>
<td>Regional/Area Studies restricted electives</td>
<td>6</td>
</tr>
<tr>
<td>Technology &amp; Development restricted electives</td>
<td>6</td>
</tr>
<tr>
<td>Applied Project</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

**Applied Project (3 credits)**

An applied project is a project that must be completed and documented before graduation. There is some flexibility in the nature of each student’s Applied Project. It can be a research paper where students must introduce a research problem, conduct a relevant literature review, describe the methodology, and then conduct research, or, create a project as a solution to that problem. They would then evaluate the research results, or the project — all in a written document. The research sequence of GTD 505 and GTD 506 is designed to prepare students for this culminating experience. There is room, however, for a variety of other options, including a research proposal for funding, a publishable paper, or a multimedia project such as film documentary or other audio visual exploration and demonstration of concepts, research, and development practices.

Applied Projects must be relevant to the subject areas of Global Technology and Development, and therefore must address in some way the global context, the factor of technology, and social, economic, cultural or political development.

**Procedure for Applied Projects**

- Select Supervisory Committee Chair (Faculty Mentor) who must be from the SFIS faculty list. A preliminary Prospectus must be submitted to that faculty member and a request made by the student for that faculty member to serve as Committee Chair/Faculty Mentor.
- Submit the Prospectus – In order to register for GTD 593 credit students must provide a two page prospectus of their idea, including preliminary sources and a description of the methods planned for either research or project development, and the name of a faculty member who agrees to work with them as Faculty Chair. Complete the **Applied Project Approval Form – GTD 593** (see Appendix A). Submit the form and the two page prospectus to the Faculty Chair for approval. Once the Faculty Chair approves the prospectus, he/she will indicate on the form the term and year that the student needs to register for GTD 593. The completed form and prospectus are submitted to the GTD Graduate Academic Advisor so a registration permission can be entered into the system to allow the student to register for the appropriate course in the appropriate term.
- Complete the research, project and/or final document.
- See the information on page 19 covering the final steps to complete the Applied Project.

**ENROLLMENT**

- Once admitted to a graduate degree program or graduate certificate program, students must be registered for a minimum of one credit hour during all phases of their graduate education, including the term in which they graduate. Even if a student is only engaged in research, they must still register for at least one credit hour of graduate level credit during that term.
- Registration for every fall semester and spring semester is required. Summer registration is required for students completing culminating experiences or graduating from the degree program.
- The Graduate College has not established a maximum course load for graduate students. Students should consult with their faculty advisor, the Degree Program Chair and/or the GTD Graduate Program Academic Advisor if they have questions.
- To maintain continuous enrollment the credit hour(s) must:
  - Appear on the student’s Plan of Study, OR
  - Be research (592) or continuing registration (595), OR
  - Be a graduate-level course.
- Courses with grades of “W” and “X” are not considered valid for continuous enrollment purposes.
- Students completing work for a course in which they received an “I” must maintain continuous enrollment during the time in which they are completing the work for that course.
• Students planning to discontinue enrollment for a semester or more must submit a Request to Maintain Continuous Enrollment: Master’s and Certificate. Student may request for a maximum of two semesters during their entire program. The form, endorsed by the members of the student's supervisory committee and the Head of the Academic Unit, must be approved by Vice Provost for the Graduate College. This request must be filed and approved before the anticipated semester of non-enrollment.

• If the student fails to enroll for a fall or spring semester without an approved Request to Maintain Continuous Enrollment Form, the student is considered withdrawn from the university under the assumption that they have decided to discontinue their program.

• Students removed for this reason may reapply for admission to resume their degree program. However, there will not be any special considerations for the new application -- the application for re-admission will be evaluated against the pool of current applications for that year and re-admission is NOT guaranteed.

<table>
<thead>
<tr>
<th>ENROLLMENT STATUS AND REQUIREMENTS</th>
<th>Full Time*</th>
<th>Half Time</th>
<th>Less Than Half Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular semester</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate</td>
<td>9 or more hours</td>
<td>5-8 hours</td>
<td>4 or fewer hours</td>
</tr>
<tr>
<td>Graduate assistant**</td>
<td>6 or more hours</td>
<td>------</td>
<td>------</td>
</tr>
<tr>
<td>Six-week summer session</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate</td>
<td>3 or more hours</td>
<td>2 hours</td>
<td>1 hour</td>
</tr>
<tr>
<td>Graduate assistant**</td>
<td>2 or more hours</td>
<td>1 hour</td>
<td>------</td>
</tr>
<tr>
<td>Eight-week summer session</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate</td>
<td>5 or more hours</td>
<td>3-4 hours</td>
<td>2 or fewer hours</td>
</tr>
</tbody>
</table>

* An audited course does not count for full-time enrollment.

** For enrollment verification purposes, "graduate assistant" is a generic term that includes teaching assistants, research assistants, teaching associates and research associates.

For financial aid eligibility, a student must register for at least 5 credit hours during each of the fall, spring and summer terms.

International students are required to maintain full-time enrollment status to maintain their U.S. visa.

FACULTY MENTOR/ADVISOR
Admitted students may be assigned a faculty mentor/advisor, or the Program Chair may serve that role. This will be their primary faculty point of contact for discussing broader opportunities, challenges and progress as students enter and move through the program. The faculty mentor/advisor will be responsible for supporting students in successfully completing the program, and gaining the most benefit from it. They will also be responsible for helping students address issues and challenges as they might arise. Faculty mentors/advisors compliment the role of the supervisory committee, which is more focused on the applied project, and supporting education and expertise within a specific area.

SUPERVISORY COMMITTEE on Plan of Study
• The Supervisory Committee consists of one faculty member, also known as the Faculty Mentor. (NOTE: GTD students will additionally be assigned a second reader for their applied project, but that person is not included on the Plan of Study.)

• The Chair of the committee is the Faculty Mentor who is overseeing the student’s Applied Project and must be an ASU faculty member from School for the Future of Innovation in Society (see the SFIS website).

PLAN OF STUDY (POS)
• Each student must submit a Master’s Degree Plan of Study (POS) for approval. A link to the student POS is provided through MyASU (https://my.asu.edu/).

• After consultation with their Supervisory Committee Chair and the GTD Graduate Program Academic Advisor, the student should create and submit the online POS.

• The POS specifies the requirements that students must complete for their degree and is submitted and revised electronically via the online interactive POS system.

• Graduate students with regular status must submit their POS by the time they have enrolled for 50 percent of the minimum credit hours required towards their degree program. For this degree program, you must submit your iPOS by the time you have enrolled for 15 credit hours – for full time students, that would be by the end of the first semester.
• The POS should have a minimum of 30 credit hours, with the core course GTD 511, 12 credit hours for the four required courses (GTD 501, GTD 503, GTD 505 and GTD 506), 6 credit hours of Regional/Area Studies courses, 6 credit hours of Technology and Development restricted electives, and 3 credit hours of GTD 593 Applied Project.

TYPES OF COURSES USED ON THE POS

• 400 Level Coursework Credits
  o A maximum of six credit hours of 400 level coursework may be used on an approved POS. 400 level courses taken prior to admission and/or graded as Pass/Fail cannot be included on a POS.

• Courses Used for Prior Degrees
  o Students may not include on their Plan of Study any credit hours that have been applied towards a previously awarded degree.

• Pre-Admission Credits used towards degree
  o Credit hours completed at ASU and/or from another regionally accredited US institution or international institution officially recognized by that country, before the semester and year of admission to an ASU graduate degree program, are considered pre-admission credits.
  o With the approval of the degree program and the Graduate College office, students may include a maximum of 12 graduate-level credit hours with grades of “B” or better that were not used towards a previous degree. Of the 12 credits, a maximum of 6 can be from another university. Preadmission credits must have been taken within three years of admission to the ASU degree program to be accepted.

• Using Graduate Credits earned by Undergraduate Students towards a Graduate Degree
  Pre-admission credit hours earned in graduate-level courses (per Graduate College policy) by ASU undergraduate students may count toward a graduate degree at ASU provided the credit hours have not been used toward a previously awarded degree. Prior to awarding a bachelor’s degree, ASU undergraduate students should contact their undergraduate advisor to set aside graduate courses for use toward a future graduate degree so that these courses do not count toward their undergraduate degree.
  o A maximum of 12 credit hours can be taken as an undergraduate and reserved for graduate credit.
  o ASU students enrolled in an approved Bachelor’s/Master’s degree program (commonly referred to as 4+1), may share ASU credit hours. Students must contact their ASU undergraduate advisor and graduate support staff to ensure proper sharing of credit hours. Students must successfully complete the undergraduate degree and be admitted to the respective graduate program prior to completing 12 credits of graduate coursework.
  o Accelerated GTD Bachelor’s/Master’s programs may use a maximum of 12 pre-admission credits which may include up to a maximum of 12 hours shared between the Bachelor’s and Master’s program. Students in accelerated programs should contact their undergraduate and graduate advisors to ensure proper sharing of credit hours. For students in any of the following 4+1 accelerated programs, more information is available on the SFIS web site. A pre-application form is available for students who are interested in pursuing an accelerated program.
    o Bachelor of Science in Innovation in Society
    o Bachelor of Arts in Innovation in Society
    o Bachelor of Science in Technological Entrepreneurship and Management
  o An undergraduate degree and a graduate degree may not be awarded during the same term of enrollment.
  o Students must apply, be admitted and registered as a graduate student to earn a master’s or doctoral degree at ASU.

• Individual Course Grades
  Courses with grades of “D”, “E”, or “W” and audited courses (graded as “X”) cannot be included on an iPOS.

• Repeating ASU Courses
  Graduate students may retake any course at ASU, but all grades remain on the student transcript as well as in all GPA calculations.

• Incomplete Grades
  Student must submit the Incomplete Grade Request Form (https://students.asu.edu/forms/incomplete-grade-request) to the instructor of record for the course. The student must maintain continuous enrollment while completing the work for the incomplete.

According to University grading policies (https://students.asu.edu/grades), a grade of “I” (incomplete) may be given by an instructor when a student is otherwise doing acceptable work but is unable to complete the
course because of illness or other conditions beyond their control. Incompletes must be completed within one calendar year; after that the "I" changes to a permanent "I".

- The student must complete the Incomplete Grade Request Form, available at the link above, and the instructor may set deadlines for the student to complete the work.
- Students who receive a grade of "I" in graduate courses (500 level or above) have one calendar year to complete the course for a grade. If after one calendar year the student has not completed the courses for a grade, the grade of "I" will become a permanent part of the transcript.
- Once coursework has been fulfilled, the instructor will assign a final grade for the course. If the student does not complete coursework within the allotted time, the incomplete will become permanent and remain in the student’s transcript. If the course is a required course for the degree program, the student will have to re-take the course.
- To repeat the course for credit, a student must reregister and pay fees. The grade for the repeated course will appear on the transcript but will not replace the permanent "I."

**Audit Classes**
Graduate students may register to audit one or more courses with the approval of the supervisory committee chair and the consent of the instructor involved. An audited course does not count towards the required credits for the POS, the minimum number of credits required for international students with visa restrictions, students employed as TA/RAs, or students receiving financial assistance.

**POS APPROVAL**
- The POS must be approved by the student's Supervisory Committee Chair, the Head of the Academic Unit (this is usually the Degree Program Chair unless that person serves as the Faculty Mentor; in that case the Head of Academic Unit is the Associate Director for Programs, and the Vice Provost for Graduate College. The POS becomes a contract between the University and the student that guides the student in completing degree requirements.
- After submitting the Interactive Plan of Study (iPOS) online through MyASU, the student should notify the GTD Graduate Program Academic Advisor that the iPOS is in the online system and ready for review.
- The GTD Graduate Program Academic Advisor will get the approval of the Committee Chair or Co-Chairs and the Head of Academic Unit.
- The GTD Graduate Program Academic Advisor will forward the online electronic version of the completed iPOS to the Graduate College for final approval.

**COMMITTEE CHANGES TO POS**
- Once the original iPOS has been approved by the Graduate College, the student will need to submit an online Committee Change request through the POS web site to officially add or change members of the supervisory committee.
- After submitting the online Committee Change Request, the student should notify the GTD Graduate Program Academic Advisor that the request is in the online system and ready for review.
- The GTD Graduate Program Academic Advisor will get the approval of the Committee Chair or Co-Chairs and the Head of Academic Unit.
- The GTD Graduate Program Academic Advisor will forward the online electronic version of the Committee Change request to the Graduate College for final approval.

**COURSE CHANGES TO POS**
- Submit a Course Change request through the online iPOS system to remove courses from the iPOS that the student did not take and/or to add courses that the student did take that were not originally listed on the iPOS.
- After submitting the online Course Change Request, the student should notify the GTD Graduate Program Academic Advisor that the request is in the online system and ready for review.
- The GTD Graduate Program Academic Advisor will get the approval of the Committee Chair or Co-Chairs and the Head of Academic Unit.
- The GTD Graduate Program Academic Advisor will forward the online electronic version of the Course Change request to the Graduate College for final approval.

**APPLIED PROJECT GTD 593**
For the Applied Project as the final culminating experience, the student must provide the Supervisory Committee with a copy of the written research document and the Report of Final Culminating Experience – GTD 593 – Applied Project form (see Appendix A). Each semester deadlines will be announced for the receipt of the first draft.
by the Faculty Mentor – this deadline will be approximately one month before the final semester’s grades are due. This deadline is important as it allows time for the Faculty Mentor to provide feedback to the student, and for the student to respond with required revisions to their project. Note that approval is contingent upon a satisfactory completion of the project, as deemed by the Faculty Mentor and the Second Reader, and is not guaranteed. If extensive revision is required it could take another semester, in which case the student must register for one credit of continuing registration as they complete their project.

*Grading options are letter grades A through E. A grade of B or higher is required to pass the applied project and for graduation.*

*If you are doing your Applied Project in your final academic term, pay close attention to the deadline from the Graduate College for completing your presentation!*
STUDENT RESOURCES

GTD ADVISING
The GTD Graduate Program Academic Advisor in SFIS is available to help explain department and university policies and procedures. Questions about paperwork or university policies should be addressed to the Program Academic Advisor first. At times it might be necessary to refer the student to someone else or another unit. Questions regarding what courses a student should take, topics for the applied project, and research applied toward the degree should be directed to the student’s faculty advisor and/or supervisory committee.

GTD STUDENT RESOURCES SITE
All current GTD students will be granted access to a GTD Resources site. The GTD academic advisor will provide students with information on how to access the site. The site contains the GTD handbook, the applied project guidelines, the list of projects from past students and selected papers.

WAYS TO STAY CONNECTED
Students in the M.S. in Global Technology and Development have the advantage of expanded networking possibilities due to the fact that there is a campus-based program as well as the completely online version. There are several social media sites that campus and online GTD students both join, making connections around the world.

GTD Facebook Page (official): http://www.facebook.com/globaltechnologydevelopmentasu
GTD Facebook Page (admitted students): https://www.facebook.com/groups/gtdasu/
Linked In Page: https://www.linkedin.com/groups/4523628/profile

SFIS GRADUATE STUDENT ORGANIZATION
The School for the Future of Innovation in Society Graduate Student Organization (GSO) exists to support three key functions for SFIS graduate students. In addition to cultivating community & cohesion within and between graduate cohorts & programs, we strive to provide a mechanism for interactions between SFIS graduate students, staff, and faculty, while supporting SFIS graduates in their academics, professional development, and new endeavors. Visit the SFIS GSO web site for more information.

TRAVEL FUNDING
Travel funding for conferences, internship interviews and job interviews may be available through SFIS, Graduate College and Graduate and Professional Student Association (GPSA). Some travel awards require a funding match from the academic unit. Students should pay close attention to application processes and deadlines.

ASU GRADUATE AND PROFESSIONAL STUDENT ASSOCIATION (GPSA)
GPSA is the official, representative student body government for all ASU graduate and professional students that supports students’ research, personal and professional development and service efforts. It operates through executive and legislative branches composed of over 41 elected student assembly members representing all ASU college and schools, 20 elected and appointed executives, and hundreds of volunteers.

Students are welcome to apply to GPSA for funding for travel, research and childcare. It also offers a wellness program, health insurance guide and professional development. Many events are scheduled throughout the year and students are encouraged to participate.

ASU GRADUATE WRITING CENTERS
ASU Writing Centers offer a dynamic, supportive learning environment for undergraduate and graduate students at any stage of the writing process. Tutors from a wide range of majors help students hone writing skills and gain confidence in their writing. The GTD degree program recommends that all students take advantage of this opportunity.

Benefits of Writing Tutoring
All writers — all ASU undergraduate or graduate students — can benefit from visiting the Writing Center to:

- explore, plan, and develop ideas
- organize and structure a paper
- integrate and cite sources
- engage in writing and revision
• discuss editing and proofreading strategies
• find a place to write

In-Person Writing Tutoring
ASU students can schedule a 30-minute, in-person appointment for one-on-one writing tutoring. Writing tutoring for walk-ins may be limited and is subject to tutor availability. Please be sure to call the appropriate campus writing center if you need to change or cancel your appointment. Please click on the campus names below to view the centers’ locations, hours of operation, and phone numbers. To schedule a one-on-one writing appointment in one of the writing centers, please view the schedule of available sessions and select an appointment time.

For information about graduate student writing appointments, please schedule an appointment by visiting Graduate Writing Center.

ASU LIBRARIES
ASU Library is home to seven library facilities across five ASU campuses, providing students access to millions of information resources, world-class collections, outstanding study spaces and research centers, and a suite of maker services. Locations are available here https://lib.asu.edu/locations.

CAREER SERVICES, INTERNSHIPS, AND PROFESSIONAL DEVELOPMENT
ASU Career Services offers students the opportunity to speak with a career advisor and well as multiple career events that students may attend throughout the year. Internship postings are available to students who have an ASU “handshake” account. The office also offers assistance with resumes, cover letters and interviews.

For internships specific to the GTD degree program, students are also welcome to contact the SFIS Internship Coordinator or the GTD Graduate Academic Advisor for assistance.

The ASU Graduate College offers many avenues of professional development. Graduate students develop the professional identities needed to build enduring careers with academic integrity and university support programs that foster scholarly collaboration, career pathway exploration, and are encouraged to take advantage of the Graduate College’s knowledge mobilization initiatives.

VETERANS AND MILITARY
The Office for Veteran and Military Academic Engagement serves the Arizona State University community by promoting dialogue, teaching, and research that increases information, understanding, knowledge, and relationships among military, civilian, and academic cultures. Their goal is to listen to veteran students, look for ways to connect them with faculty and other students, and continue to learn where and how to build bridges between these different cultures.

The Pat Tillman Veterans Center provides guidance and support for students who are veterans, active-duty military or military dependents. Six locations are available for ASU military students:

<table>
<thead>
<tr>
<th>Downtown Phoenix campus</th>
<th>Tempe campus</th>
<th>ASU@Lake Havasu City</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Center Building, Room 130</td>
<td>Memorial Union, Lower Level, Room 75</td>
<td>Military Student Support</td>
</tr>
<tr>
<td>602-496-0152</td>
<td>480-965-7723</td>
<td>480-965-7723</td>
</tr>
<tr>
<td>480-522-3058 Fax</td>
<td>480-522-3058 Fax</td>
<td>480-522-3058 Fax</td>
</tr>
<tr>
<td>Hours of Operation</td>
<td>Hours of Operation</td>
<td>Hours of Operation</td>
</tr>
<tr>
<td>Mon. – Fri.: 8 a.m. – 5 p.m.</td>
<td>Mon. – Thur.: 8 a.m. – 6 p.m.</td>
<td>Mon. – Fri.: 8 a.m. – 5 p.m.</td>
</tr>
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<table>
<thead>
<tr>
<th>Polytechnic campus</th>
<th>West campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration Building</td>
<td>University Center Building, Room 120</td>
</tr>
<tr>
<td>480-727-2773</td>
<td>602-543-8220</td>
</tr>
<tr>
<td>480-522-3058 Fax</td>
<td>480-522-3058 Fax</td>
</tr>
<tr>
<td>Hours of Operation</td>
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</tr>
<tr>
<td>Mon. – Fri.: 8 a.m. – 5 p.m.</td>
<td>Mon. – Fri.: 8 a.m. – 5 p.m.</td>
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</tbody>
</table>
INTERNATIONAL STUDENTS
The International Students and Scholars Center (ISSC) is the resource for international students who need information on maintaining SEVIS status, visa and travel, employment, and advising. The ISSC offers an orientation every fall and spring term for new international students and appointments for advising and counseling.

HEALTH AND FITNESS
All ASU students enrolled in an in-person campus-based program have access to Sun Devil Fitness facilities on all campuses. For more information about facilities, membership and group fitness classes, please visit: https://fitness.asu.edu/.

In cooperation with Arizona Board of Regents and ASU Health Services, ASU offers an affordable medical insurance policy to students. This insurance provides access to the health and counseling services at any ASU Health Service location. The insurance plan is designed to provide group coverage to students that are currently uninsured, need a less expensive alternative or need an Arizona provider network. The Health Insurance Office is located in the Health Services building, at the Tempe campus and can be reached at 480-965-2411 or insurance@asu.edu to answer questions about this policy.

ASU Health Services is dedicated to the well-being and educational success of each individual student by providing high quality health care that is accessible, affordable, and compassionate. More than 20 physicians and nurse practitioners are board-certified in emergency medicine, family medicine, internal medicine, neurology, orthopedics, rheumatology, and sports medicine. Students, whether they have health insurance or not, are eligible to use ASU Health Services. However, we strongly advise every student to maintain adequate health insurance to cover unexpected medical expenses.

In addition, ASU Counseling Services offers confidential, personal counseling, and crisis services for students experiencing emotional concerns, problems in adjusting, and other factors that affect their ability to achieve their academic and personal goals. Health Services are for any Sun Devil, regardless of race, gender, sexual orientation, age, student status, religion, ability, size, financial situation, the issue you’re dealing with or whether you’ve had health care before. Appointments can be scheduled online, in person or by phone. For immediate concerns, walk-in appointments are available.

PARKING AND TRANSIT
Students, faculty and staff may purchase annual and semester permits through ASU Parking and Transit Services. Sun Devils who choose not to purchase a permit, as well as campus visitors, may use various daily and hourly parking options. ASU Parking and Transit Services has offices on four campuses. If you are unsure of which campus to contact or have questions, email PTS or call 480-965-6124.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Address</th>
<th>Office hours</th>
<th>Parking information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downtown Phoenix</td>
<td>University Center - UCENT 411 N. Central Ave - Suite 116 Phoenix, AZ 85004</td>
<td>Mon–Fri 8 a.m.–4:30 p.m.</td>
<td>Campus information</td>
</tr>
<tr>
<td>Polytechnic</td>
<td>QUAD 4 7107 E. Tiburon, Bldg. 4 Mesa, AZ 85212</td>
<td>Mon–Fri 8 a.m.–4:30 p.m.</td>
<td>Campus information</td>
</tr>
<tr>
<td>Tempe</td>
<td>University Towers 525 S. Forest Ave. Tempe, AZ 85281 Entrance located on Fifth St.</td>
<td>Mon–Fri 7:30 a.m.–4:30 p.m.</td>
<td>Campus information</td>
</tr>
<tr>
<td>West</td>
<td>North Services Building - NSB 4766 W. University Way North Glendale, AZ 85306</td>
<td>Mon–Fri 8 a.m.–4:30 p.m.</td>
<td>Campus Information</td>
</tr>
</tbody>
</table>

ASU intercampus shuttles transport students, faculty and staff between the Downtown Phoenix, Polytechnic, Tempe and West campuses. View the news page and follow the shuttle Twitter feed for updates.
Several public transportation options are available to students and employees across the ASU campuses. City buses and light rail, discounted transit passes, Eco-Passes and car-sharing allow Sun Devils to travel quickly, easily and affordably throughout the greater-Phoenix area. More information is available at https://cfo.asu.edu/transit.

STUDENT ACCOUNTS
Student Business Services offers a variety of student account services including tuition and billing, student refunds (including financial aid), receipt and payment processing, support for past due accounts, third party sponsorship assistance and Perkins Loan repayment. Student may call 1-855-278-5080 or email sbs@asu.edu for information on their accounts. Office hours and locations are:
Monday - Friday
8:15 a.m. - 4:30 p.m.
Closed Saturday, Sunday and university holidays.

ASU ID CARDS
ASU requires all students, employees and qualifying university affiliates to obtain an official ASU ID card. With the exception of eligible new employees, the ASU ID card is issued for a fee. Online students must have an approved photo on file with Sun Devil Card Services. Students may choose between the Pitchfork ID, complete with Sun Devil Checking exclusively from MidFirst Bank, or the basic Sun Card to use as their official university ID card. The Pitchfork ID is two cards in one: an official photo ID for ASU® students - and a Visa® debit card. The Pitchfork ID must be created at one of the MidFirst Bank locations. The basic Sun Card for on-campus students can be created by uploading a photo and then picking up the completed card at the Sun Card campus location. ID card FAQs are available at https://cfo.asu.edu/cardservices-faqs.

CAMPUS AMENITIES - STORES, BANKS, EATERIES
The Sun Devil Campus Stores sell textbooks, used books, academic supplies, art supplies and ASU logo clothing and gifts. Students can rent textbooks, or enjoy the convenience and savings of digital textbooks and ebooks. Thesis and dissertation binding is available, as are medical and nursing reference materials. The campus store is located on Orange Street, east of Computing Commons on the Tempe Campus.

Sun Devil Dining offers quality, value, variety and convenience with over 50 dining locations including dining halls, fast casual restaurants, cafes and on-campus markets. Dining on campus plays an integral role in the college experience. Students may participate in the meal plan program, which saves money and gives great value.

The Memorial Union (MU) is a one-stop campus hub. The MU features dozens of dining options, ATMs and full-service banking operations, meeting space, lounge and study space, a full-service salon, copy center, and market.

DISCRIMINATION COMPLAINTS
It is a violation of ASU policy to discriminate against any employee or student on the basis of that individual’s race, color, religion, national origin, citizenship, sex, gender identity, sexual orientation, age, disability, Vietnam-era veteran status, special disabled veteran status, other protected veteran status, newly separated veteran status, or any other unlawful discriminatory grounds. Complaints should be filed within 120 days of the last act of alleged discrimination. The director, Office of Equity and Inclusion, may waive or extend this time frame for good cause such as holidays or times that classes are not in session.

An employee or student (or member of the public in cases of disability complaints) who believes he or she has been unlawfully discriminated against may discuss his or her concerns with the director or an assistant director of the Office of Equity and Inclusion, file a report, and/or file a complaint of unlawful discrimination with the Office of Equity and Inclusion (https://cfo.asu.edu/equity-and-inclusion).

The Office of Equity and Inclusion review of complaints is a confidential process because it involves personnel matters. The parties to the complaint are guaranteed confidentiality except as noted in the policy and as necessary to conduct a thorough and fair investigation of the complaint. All witnesses in a complaint investigation are guaranteed confidentiality. All documentation and reports received and/or developed as part of the report/complaint process, including investigative reports are considered confidential unless otherwise noted in the policy.

To review the official policy, see “ACD 403: Procedures for Resolving Complaints of Unlawful Discrimination” in the Academic Affairs manual (https://www.asu.edu/aad/manuals/acd/).
CRISIS SERVICES
ASU Counseling Services prioritize immediate access to services to ensure that all students who request or need services can be seen the same day—no appointment is necessary. You can call or walk in and be seen anytime at one of our four campus locations between Monday-Friday, 8 a.m. – 5 p.m.

- Downtown Phoenix: 602-496-1155
- Polytechnic: 480-727-1255
- Tempe: 480-965-6146
- West: 602-543-8125

If you need assistance outside of business hours, please call EMPACT’s 24-Hour ASU-dedicated Crisis Line: 480-921-1006.

For Life threatening emergencies, please call 911.

If You Are Concerned About a Student
Faculty, staff, and parents can be very helpful in supporting a student in distress to access counseling services. ASU Counseling Services staff offers consultation assistance to concerned parents, faculty, staff, and other students who have concerns about a student. By speaking with one of our counselors, you can receive information about how to talk with a student experiencing difficulties and how to access various resources. You may call any ASU Counseling Services location and ask to speak to a counselor who will help you decide what options are available. If a crisis occurs on or near campus students, faculty, and staff may be affected. ASU Counseling Services staff will schedule meetings with groups of faculty, staff, and students who have been affected by a crisis. You may call any ASU Counseling Services location and ask to speak with a counselor who will talk with you about your needs.

TITLE IX
Title IX is a federal law that provides that no person be excluded on the basis of sex from participation in, be denied benefits of, or be subjected to discrimination under any education program or activity. Both Title IX and university policy make clear that sexual violence and harassment based on sex is prohibited. An individual who believes they have been subjected to sexual violence or harassed on the basis of sex can seek support, including counseling and academic support, from the university.

If you or someone you know has been harassed on the basis of sex or sexually assaulted, additional information and resources are available for you at https://cfo.asu.edu/titleIX.

DIABILITY RESOURCES
The Disability Resource Center (DRC) facilitates a comprehensive range of academic support services and accommodations for qualified students with disabilities. Qualified students with disabilities may be eligible to receive academic support services and accommodations. Eligibility is based on qualifying documentation and assessment of individual need. Students who believe they have a current and essential need for disability accommodations are responsible for requesting accommodations and providing qualifying documentation to the DRC. Every effort is made to provide reasonable accommodations for qualified students with disabilities.

Qualified students who wish to request an accommodation for a disability should contact the DRC by going to https://eoss.asu.edu/drc, calling 480-965-1234, or emailing DRC@asu.edu.

<table>
<thead>
<tr>
<th>Downtown Phoenix Post Office, Suite 201</th>
<th>Polytechnic Sutton Hall - Suite 201</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hours:</strong> Monday - Friday, 8 a.m. - 5 p.m.</td>
<td><strong>Hours:</strong> Monday - Friday, 8 a.m. - 5 p.m.</td>
</tr>
<tr>
<td>Disability Resource Center 522 N Central Ave, Ste 201 Phoenix, AZ 85003</td>
<td>Disability Resource Center 6049 S. Backus Mall Mesa, AZ 85212</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tempe Matthews Center building, 1st floor</th>
<th>West University Center Building, Room 304</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hours:</strong> Monday - Friday, 8 a.m. - 5 p.m.</td>
<td><strong>Hours:</strong> Monday - Friday, 8 a.m. - 5 p.m.</td>
</tr>
<tr>
<td>Disability Resource Center PO Box 873202 Tempe, AZ 85287-3202</td>
<td>Disability Resource Center PO Box 37100, MC 1050 Phoenix, AZ 85069-7100</td>
</tr>
</tbody>
</table>
MOVING TOWARDS GRADUATION

REGISTRATION DURING GRADUATION SEMESTER
Students are required to register for at least one semester hour of credit that appears on the iPOS or one hour of appropriate graduate-level credit during the fall, spring or summer session in which they complete their culminating experience.

REVIEW POS FOR ACCURACY
Each student will need to review his/her POS against their current ASU transcript at the beginning of the last academic term. Any changes necessary to make the POS match the official transcript should be done through the iPOS link in MyASU (https://my.asu.edu/).

APPLY FOR GRADUATION
Apply for graduation and pay the graduation fee online through My ASU. Select the Graduation tab from My Programs and follow the online instructions. A credit card is required to complete your application. If application for graduation is made after the deadline, the student will be assessed a late fee.

<table>
<thead>
<tr>
<th>If you are graduating</th>
<th>Your deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>October 1</td>
</tr>
<tr>
<td>Spring</td>
<td>February 15</td>
</tr>
<tr>
<td>Summer</td>
<td>July 15</td>
</tr>
</tbody>
</table>

- If application deadline falls on a weekend or holiday, the deadline will be extended to the next business day.
- To ensure that your name appears in the ASU commencement book and to avoid paying a late fee, the application must be received by the appropriate deadline.
- Summer graduate names appear in the Fall commencement book.

If you are not able to apply online:
- Apply in person.
  - Print and complete the Application for Graduation.
  - Pay all graduation fees at any University Cashier’s Office
  - Complete the Graduation Survey.
  - Submit completed application, payment receipt and completed graduation survey to the University Registrar Services
- Apply by mail.
  - Print and complete the Application for Graduation.
  - Mail the completed application and applicable payment to the address listed on the application.

Students who apply for graduation will not be eligible to register for subsequent semesters without being admitted to a new certificate program. Students who wish to change their graduation semester after they have applied must contact the graduation office to request that the application for graduation be moved to their new intended semester of graduation prior to the conferral date of their original graduation semester.

Your Application Status—Check your application status from your MyASU page. Your status will be one of the following:

Applied: Your application for graduation has been received and is being processed. If your application cannot be processed your status will change to either denied or withdrawn and you will be notified by email. Review your Plan of Study regularly to ensure that all requirements will be met. Unless you are denied or withdrawn, your status will appear as applied until your degree is posted, which occurs approximately 4-6 weeks after the degree conferral date.

Denied: Your application for graduation has been denied because you will not meet one or more degree requirements by the degree conferral date. Review your Plan of Study and contact either your academic advisor or department chair to review your degree requirements and discuss your options.

Withdrawn: Your application for graduation has been withdrawn because you have not completed all coursework (including incompletes) and degree requirements listed on your Degree Audit or Plan of Study by
the degree conferral date. Review your Degree Audit Report or Plan of Study and contact either your academic advisor or department chair to review your degree requirements and discuss your options.

**COMPLETE ALL DEGREE REQUIREMENTS**
Students must complete all degree requirements in a timely manner. Final grades must be posted and all required forms and evaluations must be submitted to meet the deadlines for graduation. Students must obtain at least a 3.0 GPA on all three GPA calculations: 1) iPOS, 2) Graduate (all graduate level coursework 500 level and above), 3) cumulative that includes all coursework completed during the graduate career.

Refer to Graduate College Graduation Deadlines ([https://graduate.asu.edu/current-students/policies-forms-and-deadlines/graduation-deadlines](https://graduate.asu.edu/current-students/policies-forms-and-deadlines/graduation-deadlines)).
ACADEMIC STANDARDS

SATISFACTORY PROGRESS
Student progress through the M.S. in Global Technology and Development program is assessed at the end of the fall, spring and summer semesters. The standard for satisfactory progress is completion of all course requirements with GPAs maintained of at least a 3.0/4.0, no more than 2 incompletes in a one-year period, and the student is on track to complete their culminating requirement within the six year time limit for the completion of a master’s degree at ASU.

If, in the progress review, the faculty determines any deficiency in a student’s progress or performance, a letter will be sent to the student, which will outline a required course of action. These requirements might include completing Incompletes (see Incomplete Policies below), raising the GPA, or beginning the Applied Project, for instance. If the student does not comply with the requirements, the student may be recommended for Dismissal to Graduate College. Only the Dean of Graduate College can dismiss a student from their graduate program.

To be considered as making satisfactory progress toward the degree objective, a student must:
1. Remain continuously enrolled in the degree program.
2. Maintain a cumulative GPA of 3.0 or higher in all classes included in the Program of Study
   (Those students who have not yet filed a program of study must maintain a combined GPA of 3.0 or higher for all courses taken since entering the current degree program and all courses numbered 500 and above completed since the last degree.)
3. Maintain a Graduate GPA of 3.0 or higher in all classes on their transcript numbered 500 or above
4. Maintain an overall cumulative GPA of 3.0 or higher
5. Not have more than two incomplete grades within a 12-month period
6. Make timely progress through coursework and the applied project
7. Satisfy all requirements of the graduate program and successfully complete the culminating experience
8. Meet the stated time limit for graduation from the degree program

REVIEW OF PROGRESS
At the end of each term (fall, spring, summer), the GTD Graduate Academic Advisor will conduct a review of all GTD students and discuss their progress towards degree with the Degree Program Chair.

PROBATION
Students can be placed on probation for a variety of reasons including:
- Failure to maintain continuous enrollment
- Failure to maintain Plan of Study, Graduate and Cumulative GPAs of 3.0 or higher
- More than two incomplete grades within a 12 month period
- Failure to meet degree program deadlines described above in Satisfactory Progress and Steps Toward Degree
- Less than satisfactory academic performance as described above in Satisfactory Progress
- Inadequate progress in their Applied Project and Internships as indicated by their Applied Project Faculty Advisor or their Internship Site Supervisor

Students should take being placed on probation as a strong warning that their continuing status in the program is in jeopardy unless corrective action is taken. Students are placed on probation by the Degree Program Chair following his/her own evaluation or following a recommendation by the student’s supervisory committee.

If initiated by the supervisory committee, the recommendation for probation including the following information will be specified in a memo to the Degree Program Chair by the major professor in consultation with the supervisory committee.
- The reason(s) for the probation -- policy or policies the student is in violation of
- The conditions of the probation – remedy or remedies for getting out of probation
- The time frame for meeting the conditions – specific, clear dates and times
- The consequences of not meeting the conditions – including a statement that the student may be recommended for withdrawal from the degree program if the conditions are not met by the given time frame
Students who are placed on probation due to the Cumulative, Plan of Study and/or Graduate GPA(s) dropping below 3.0 must raise the GPAs to 3.0 or better by the semester following the semester in which the student was placed on academic probation.

The Degree Program Chair can also initiate probation, if the evaluation of the Degree Program Chair differs from the major professor’s or if other circumstances merit this action. Notification of probation and its conditions will then be conveyed to the student in a letter from the Degree Program Chair that will also be copied to the major professor and members of the supervisory committee.

The student may appeal this action is writing to the Degree Program Chair within 10 days of the written notification. Appeals should be based on unusual circumstances, hardships, or error in the student's record. Any supporting documents from the student’s major professor and supervisory committee should be included.

The student will be removed from probation if he/she satisfies the conditions of the probation by the deadlines. The student will then be considered in good standing. Failure to satisfy a condition by the deadline will result in the actions specified in the original probationary letter. These actions can include cessation of any financial support or dismissal from the program. If the latter actions are pursued, the student will be notified in writing by the Degree Program Chair and will have 10 days to appeal the decision in writing. The student will be notified in writing of the final decision. Upon recommendation from the Degree Program Chair, the Dean of the Graduate College can withdraw a student who is not progressing satisfactorily. Only the Dean of the Graduate College may withdraw students from a graduate program due to lack of compliance with satisfactory academic progress policies.

Students who have been withdrawn from a graduate program due to lack of compliance with published departmental or Graduate College policies, or lack of satisfactory academic progress are eligible to apply for admission to the same program only after one year has passed from the term of the withdrawal.

Students who have been withdrawn from a graduate program due to an Academic Integrity violation are not eligible for readmission to Arizona State University.
MAXIMUM TIME LIMIT FOR DEGREE PROGRAMS

According to the Graduate Catalog the maximum time to complete a Master’s degree is defined as follows:

- All work toward a master’s degree must be completed within six consecutive years. The six years begins with the semester and year of admission to the program. Graduate courses taken prior to admission that are included on the Plan of Study must have been completed within three years of the semester and year of admission to the program.
- Continuous enrollment would be required for the duration of the degree seeking period.

IMPORTANT REMINDERS

QUESTIONS
If students ever have questions or doubts about anything, please ask. Students should consult with the Faculty Advisor, the Degree Program Chair, or the GTD Graduate Program Academic Advisor.

And remember that the Graduate College web site offers all kinds of resources for graduate students. Bookmark their website!

POLICIES and DEADLINES

We have listed the policies and deadlines for your milestones in this handbook. But remember that things can change and the final word comes from the Graduate College. We suggest you also bookmark these and check frequently for any updates:

- The Graduate Catalog -- https://catalog.asu.edu/
- Graduate College Policies and Procedures -- https://graduate.asu.edu/sites/default/files/asu-graduate-policies-and-procedures_032019_0.pdf
- The Current Students page on Graduate College web site -- https://graduate.asu.edu/
- Graduation Deadlines and Procedures -- https://graduate.asu.edu/current-students/policies-forms-and-deadlines/graduation-deadlines

Students can also visit with a staff member in the Graduate Enrollment Services Office (Student Services 112), or call (480) 965-6113.
APPENDIX A: FORMS

- Applied Project Approval Form – GTD 593
- Report of Final Culminating Experience – Applied Project – GTD 593
STUDENT: This form must be completed (fill in all form fields) and given to the Faculty Chair listed on the Plan of Study, along with a two page prospectus (see below), prior to the deadline for registration for the session in which the student wishes to register for applied project credit.

FACULTY CHAIR: Submit completed and approved form with prospectus to the GTD Graduate Academic Advisor in the School for the Future of Innovation in Society, wendi.taylor@asu.edu.

NOTE: Student must have completed or be in the process of completing all other required coursework (27 credit hours) for the degree before submitting the Applied Project Approval Form and getting permission to register for GTD 593. On rare occasion, a student may concurrently do a class during the time they are working on the final paper, but this request must be approved in advance.

STUDENT INFORMATION

<table>
<thead>
<tr>
<th>LAST NAME</th>
<th>FIRST NAME</th>
<th>M.I.</th>
<th>DATE (00/00/0000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASU AFFILIATE ID (10-DIGIT)</td>
<td>ASU EMAIL ADDRESS</td>
<td>ALTERNATE EMAIL ADDRESS</td>
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</table>

| LOCAL ADDRESS | CITY | STATE | ZIP |

| DATE PLAN OF STUDY WAS APPROVED |
|---|---|---|---|
| Approved Plan of Study must be on file with the Graduate College before the student begins GTD 593 |

| GRADUATE COURSEWORK GPA | PLAN OF STUDY GPA | CUMULATIVE GPA | COURSE CREDIT HOURS COMPLETED TOWARDS DEGREE |

Write a two page prospectus outlining the proposed applied project. In general, it should contain:

- A problem
- Problem background
- Significance of the problem
- A purpose statement (The purpose of this research or research proposal is to.....)
- Literature review (preliminary, can be annotated bibliography)
- Methods (How will you collect your data? What is the overall design?) (Applied Project: what will you create? How will you create it? What problem does it solve?)

Semester, Session and Year for GTD 593 registration:

NOTE: The Faculty Chair who is overseeing your research or project should be listed as the Chair on your approved Plan of Study.

Faculty Chair Name: □ Approved □ Disapproved

Faculty Mentor Signature __________________________ Date __________

Head of Academic Unit Name: □ Approved □ Disapproved

Head of Academic Unit Signature __________________________ Date __________

Return form to the GTD Graduate Academic Advisor in the School for the Future of Innovation in Society. 2019-2020
FACULTY CHAIR: Submit completed and approved form with Final Applied Project grade to the GTD Graduate Academic Advisor in the School for the Future of Innovation in Society, wendi.taylor@asu.edu.

NAME OF STUDENT (Last name, first name, middle initial) 10 DIGIT ASU AFFILIATE ID#

MASTER OF
Master of Science MAJOR Global Technology and Development

APPLIED PROJECT TITLE

SUBMISSION DATE = MM/DD/YYYY

APPLIED PROJECT EVALUATION CHART

<table>
<thead>
<tr>
<th>AREAS OF PERFORMANCE</th>
<th>Excellent</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
<th>Unsatisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Identification and Framing of Global Technology and Development Problem/Issue</td>
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<tr>
<td>2. Application of Appropriate/Relevant Methods</td>
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<tr>
<td>3. Development and Evaluation of Data and Recommendations</td>
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<td>4. Written Communication of Project Results</td>
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</table>

GRADE ASSIGNED

NAMES OF COMMITTEE

CHAIR (Faculty Mentor for Applied Project as he/she appears on the approved Plan of Study)

MEMBER (Second Reader of Final Paper)

NAME OF HEAD OF ACADEMIC UNIT

SIGNATURE

DATE