This flowchart provides an overview of the upper division requirements for BAS in ISA for continuing students based on the 2019 Addendum to the 2013 MOA.

For more detailed information about the requirements for your effective program, please refer to your graduation checklist, STAR, or consult an academic counselor.

BAS Upper Division General Education Requirements

**O-Focus Requirement** such as SP 151, SP 251, or PUBA 313 Communication Skills for Administrators (3 credits)

**BAS Core** (15 credits)
- PUBA 341 or BUSA 320 Statistics for Decision Making (Pre: MATH 103 or 115) (3 credits)
- SSCI 301 Methods and Techniques (DS) (3 credits)
- ENG 200 (UHWO) OR ENG 209 (HCC) ENG 210 (HCC) or ENG 215 (3 credits)
- PUBA/BUSA/PHIL 481 Ethics & Administration or PUBA 477 or MGT 301 (ETH) (3 credits)
- APSC 486S/490S Senior Project/ Admin. Practicum (3 credits) (WI)

**ISA Electives** (9 credits) selected from:
- ISA 320 Fundamentals of Secure Software Programming
- ISA 340 Introduction to Digital Forensics
- ISA 330 Introduction to Proactive System Security (IDS/IPS/Penetration Testing)
- ISA 450 Modern Cyber Conflicts

**UHWO Electives** (9 credits)
Any 300 or higher level BUSA or PUBA course not used to meet any other requirement.

**Restricted Electives** (6+ credits) selected from:
* UHWO Electives (as described above)
* ISA Electives (as described above)
* CENT Electives
Any 300 or higher level CENT courses not used to meet any other requirement.

**Graduation Requirements**:
- At least 120 total credits must be earned, including
- At least 45 upper division credits
- At least 30 credits taken at UHWO

**Notes**:
- Dr. Matthew Chapman (mchapman@hawaii.edu or (808) 689-2333) is the UHWO faculty for this program.
- Students must complete AS at HonCC.
- Check UHWO and HonCC catalogs for pre-requisites.