Trainee Requirements and Responsibilities

**General**

**Trainees will:**
- complete all requirements of their home department and degree
- maintain good academic standing

**Courses, Seminars, Workshops**

**Trainees will complete 6 credits of UM BRIDGES coursework:**
- FEW Nexus Core Course* (Fall first year, 3 credits): foundational theories and concepts of the FEWS nexus and applied case studies
- Introduction to Science Communications (Fall first year, 1 credit): introduction and application of science communication concepts; does not meet all weeks; rotates between in-class discussions and local field trips
- Bridging Science to Practice Seminar* (Spring first year, 1 credit): topics at the intersection of FEW science and practice
- Applied Communications (Spring second year, 1 credit): trainees envision, create, and deliver a science communications project
- 1 additional credit from an approved elective course is required to obtain the WEF Nexus Certificate

**Trainees will participate in 1 Workshop:**
- Numeracy Workshop* (Spring first year, 8-10 hours): develop tools and tricks for using numbers skillfully, comfortably, and powerfully. Trainees taking Dr. Bendick’s graduate-level Numeracy course can waive this workshop.

**Additional Elements**

**Trainees will:**
- attend the UM BRIDGES orientation and field trip prior to the start of their first semester as a trainee
- complete a UM BRIDGES development plan with the Program Coordinator
- attend the UM BRIDGES Distinguished Speaker Series talks and activities (~3/year)
- complete a FEWS-related internship (minimum of 120 hours PhD; 80 hours Masters)
- attend monthly pizza lunch check-ins as available
- attend any additional UM BRIDGES retreats as scheduled
- complete Responsible Conduct of Research training (on-line) prior to receiving any funding
- give a talk or seminar on their INFEWS-related research to other cohort members
- respond to program evaluation requests and on-line surveys and attend a program exit interview
- participate in an interdisciplinary co-lab (*fellows only*)
- engage in a “broader impacts activity”, to be determined with the Program Coordinator (*fellows only*)
- PhD trainees will participate in a broadly-defined “international experience”
UM BRIDGES Responsibilities to Trainees

**UM BRIDGES faculty and staff will:**
- complete a UM BRIDGES development plan with each trainee and provide disciplinary and program mentoring
- provide high-quality, intellectually-engaging courses, seminars, workshops, and culture
- ensure relevant co-lab opportunities for each fellow
- assist in identifying and arranging internships and “broader impact” events and activities
- provide opportunities to apply for competitive funding for travel and FEW-related research support

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**Trainee Responsibilities Checklist**

**Year 1**

**Fall Semester**
- Attend pre-semester BRIDGES orientation
- Attend nexus field trip and retreat (may be scheduled at different times)
- Discuss coursework plan with advisor and develop program plan with UM BRIDGES Program Coordinator
- Complete FEWS Nexus Core Course
- Complete Introduction to Science Communications seminar
- Complete on-line Responsible Conduct of Research certificate by end of September
- **MS Trainees**: Discuss internship options with advisor and Program Coordinator

**Spring Semester**
- **Masters Trainees**: contact potential internship host organizations by February
- **Masters Trainees**: finalize internship learning agreement by April 15 (draft due March 15)
- Complete Bridging Science to Practice seminar
- Participate in Numeracy Workshop
- **Fellows**: Develop plan with Program Coordinator to engage in a minimum of 4 hours “Broader Impacts” activity
- **PhD Fellows**: develop plan with Program Coordinator to lead trainee experience in Year 2

**Year 2**

**Fall Semester**
- **Masters Trainees**: complete internship by end of fall semester (3rd semester of traineeship)
- **PhD Trainees**: Discuss internship options with advisor and Program Coordinator

**Spring Semester**
- Complete Applied Science Communications seminar
- **PhD Trainees**: finalize internship learning agreement by April 15 (draft due March 1)

**Any Semester**
- Give research talk or seminar to cohort by end of Year 2
- **Fellows**: Participate in co-lab by end of Year 2
- **Fellows**: Complete “Broader Impacts” activity by end of Year 2
- **PhD Fellows**: complete organization/lead of trainee experience by end of Year 2 summer

**Year 3**
- **PhD Trainees**: complete international experience by end of Year 3
- **PhD Trainees**: complete internship by end of Year 3