Diversity Equity and Inclusion (DEI) Elective Option

MEAM undergraduate students can complete all requirements of this option by choosing four elective courses satisfying the requirements below. These four courses will simultaneously fulfill some of the six electives they must take for the MEAM BSE degree as General Electives, i.e., Social Science (SS), Humanities (H), and Technology, Business, and Society (TBS) courses, and/or some of the Professional Elective (PE) requirements. Thus, the DEI Elective Option does not require taking any additional courses, unless students choose courses that are not approved as General Electives or Professional Electives.

Courses and Requirements (4 c.u. total)
The DEI Elective Option consists of 4 course units, all of which must be taken for a grade from within three requirements (categories). The requirements can be fulfilled by selecting a course from the list of choices in each requirement. Any course not listed below may fulfill a DEI Elective Option requirement if a petition is submitted to and approved by the MEAM DEI Task Force and then by the MEAM Department.

The Impact of Technology Requirement helps students focus on how technology impacts marginalized communities, such as when engineers/companies fail to assess and address their needs, or the benefits and successes that occur when those needs are factored in.

The Community Impact Requirement allows students to develop and apply their knowledge of the interaction between technology and marginalized communities to have a positive impact.

The Depth Requirement incentivizes students to choose two courses from a wide range of departments that will expose them to people, identities, and cultures outside of their own.

Impact of Technology Requirement (1 c.u.):
- (SS) Race, Science, and Justice (AFRC 2430/SOCI 2430)
- (SS) Technology & Society (HSOC 0600/STSC 0600)
- (SS) Information Communication Technologies for Development (PSCI 2103)
- (SS) Global Radiation History: Living in the Atomic Age 1945-Present (STSC 3185/HSOC 3185)
- (H/SS) Race, Science, and Globalization (HSOC 2198/LALS 2198/STSC 2198)
- (PE) Robotics and Rehabilitation (ENGR 1400)
- (PE) Rehab Engineering and Design (IPD 5040/BE 5140)
- (PE) Design of Contemporary Products: Design for Equity, Inclusion, and Accessibility (IPD 5280)
- (PE) Independent Study (MEAM 0099) See below for course approval details:
  To satisfy the DEI Elective Option’s Impact of Technology Requirement, the student will formulate a proposal to learn established knowledge, and/or perform research to help establish new knowledge, related to DEI issues and engineering, science, or technology under the guidance of a MEAM faculty advisor. The student and the faculty advisor will jointly formulate and submit a detailed proposal for review and approval by the MEAM
DEI Task Force. Following that, the usual process for MEAM Independent Study credit will be followed, namely, the proposal will be submitted for approval to the MEAM Undergraduate Chair and final approval by RAS.
- (Not approved as an elective credit) Big Data, Big Responsibilities (0.5 c.u.) (LGST 2420)
- (Not approved as an elective credit) Leading Diversity in Organizations (0.5 c.u.) (MGMT 2240)
- (Not approved as an elective credit) Design Thinking for Social Impact (NPLD 5930)

Community Impact Requirement (1 c.u.):
- (H/SS – special permission required) Faculty-Student Collaborative Action Seminar in Urban University-Community Relations (AFRC 1780/HIST 0811/URBS 1780)
- (H/SS) Latinx Communities and the Role of CBOs in Social Change (LALS 4240/SOCI 2931)
- (PE) Independent Study (MEAM 0099) See below for course approval details:
  To satisfy the DEI Elective Option’s Community Impact Requirement, the student will formulate a proposal to perform service work in the community that applies engineering principles and practice under the guidance of a MEAM faculty advisor. Assessment, research, or other academic study related to that service experience would also be required. The student and the faculty advisor will jointly formulate and submit a detailed proposal for review and approval by the MEAM DEI Task Force. Following that, the usual process for MEAM Independent Study credit will be followed, namely, the proposal will be submitted for approval to the MEAM Undergraduate Chair and final approval by RAS.
- (Not approved as an elective credit) Math Tutoring in Urban Elementary Schools (EDUC 2100)
- (Not approved as an elective credit) Air Pollution: Sources & Effects in Urban Environments (ENVS 1665)
- (Not approved as an elective credit) Case Study: A Community-Based Approach to Mitigating Climate Change and Food Insecurity (NURS 3520)

Depth Requirements (2 c.u.):
Social Class/Economic Inequality (up to 1 c.u.):
- (SS, Freshman Sem) Homelessness & Urban Inequality (AFRC 0010/SOCI 2940/URBS 0010)
- (SS) Social Inequalities: Caste and Race (AFRC 2219/ GSWS 2219/SAST 2219/SOCI 2970)
- (SS, Freshman Sem.) Poverty and Inequality (SOCI 0001/URBS 0005)
- (SS) Social Stratification (SOCI 1050)
- (SS) Class Matters: Poverty, Prosperity, and the American Dream (SOCI 1051)
- (SS) The Immigrant City (LALS 0270/SOCI 0270/URBS 0270)
- (SS) Health on the urban margins: the experience of health in American cities (URBS 2850)
- (SS, Writing Sem.) Writing Seminar in URBS: The Unequal City (WRIT 0920)
- (H, Writing Sem.) Writing Seminar in ENGL: Literacy Learning in Prison (WRIT 0390)
- (H/SS) Religion, Social Justice & Urban Development (AFRC 0405/RELS 0405/URBS 0405)
- (H/SS) Perspectives on Urban Poverty (HIST 0812/SOCI 2944/URBS 4200)
- (Not approved as an elective credit) Economics of Diversity and Discrimination (BEPP 2650)
- (Not approved as an elective credit) Urban Education (EDUC 2002)
- (Not approved as an elective credit) Social Impact and Responsibility: Foundations (LGST 2300)
- (Not approved as an elective credit) Knowledge for Social Impact (MGMT 2410)

Gender/Sexuality (up to 1 c.u.):
- (SS) Discrimination: Sexual and Racial Conflict (AFRC 1131/GSWS 1130/SOCI 1130)
- (SS) Gender and Sexuality in Japan (EALC 3559/GSWS 3559)
- (SS) Gender, Sexuality, and Religion (GSWS 0050/RELS 0050)
- (SS) Sociology of Gender (GSWS 1101/SOCI 1100)
- (SS) Law and Social Policy on Sexuality and Reproduction (GSWS 1490)
- (SS) Gender and Health (GSWS 2537/HSOC 2537)
- (SS) Money, Power, Respect: Funding Social Change (GSWS 3400)
- (H/SS) Black Queer Traditions (AFRC 0320/ENGL 0320/GSWS 0320)
- (H/SS) Asian American Gender and Sexualities (ASAM 1400/GSWS 1400/SAST 1400)
- (H/SS) Introduction to Sexuality Studies and Queer Theory (COML 0003/ENGL 2303/GSWS 0030)
- (H/SS) Gender and Society (GSWS 0002/ENGL 0159)
- (H/SS) Queer Life in U.S. History (GSWS 2320/HIST 0819)
- (H) Queer Imaginings (FNAR 2320)
- (H, Writing Sem.) Writing Seminar in CIMS: Reality TV & Gender (WRIT 0250)
- (H, Writing Sem.) Writing Seminar in DH: Data Feminism, Data Justice (WRIT 0330)
- (Not approved as an elective credit) Health of Sexual and Gender-Diverse Individuals and Populations Across the Lifespan (NURS 3420)

**Disability/Neurodiversity (up to 1 c.u.):**
- (SS) Introduction to Disability Studies: Form, Text, and Practices (GSWS 1500)
- (SS) Mental Illness (HSOC 1312/SOCI 1111)
- (SS, Writing Sem.) Writing Seminar in PSYC: The Power of Neurodiversity (WRIT 0770)
- (SS, Writing Sem.) Writing Seminar in PSYC: Biased Perception of Mental Illness (WRIT 0770)
- (H) Disability Rights and Oppression: Experiences within Global Deaf Communities (ASLD 1039)

**Race/Ethnicity (up to 1 c.u.):**
- (SS) Introduction to Africana Studies (AFRC 1001)
- (SS) Diversity and the Law (AFRC 2180/LGST 2180)
- (SS) Neighborhood Displacement and Community Power (AFRC 4480/URBS 4480)
- (SS) The Asian American Entrepreneur (ASAM 1020)
- (SS) Media and Migration in the 21st Century (COMM 3510)
- (SS) Philadelphia: Power, Space, and Diversity (PSCI 4991)
- (SS) Sociology of Race and Ethnicity (Freshman Sem.) (SOCI 0003)
- (SS) Poverty, Race, and Health (SOCI 2450/URBS 2450)
- (SS, Writing Sem.) Writing Seminar in PSCI: Mass Incarceration in America (WRIT 0760)
- (H/SS) American Race: A Philadelphia Story (AFRC 1115/ANTH 1150/ASAM 0115/ LALS 0015/SAST 1115/URBS 1150)
- (H/SS) Race and Ethnic Relations (AFRC 1060/ASAM 1510/LALS 1060/SOCI 1060/URBS 1060)
- (H/SS) South Asians in the United States (ASAM 1000/SAST 1000)
- (H/SS) Asian Americans in Contemporary Society (ASAM 1500/SOCI 1140)
- (H/SS) The History of Family Separation (ASAM 2159/GSWS 2159/HIST 2159)
- (H/SS) Race and Ethnic Politics (LALS 1290/PSCI 1290)
- (H/SS) Latinx Communities and the Role of CBOs in Social Change (LALS 4240/SOCI 2931)
- (H) Religion from Civil Rights to Black Lives Matter (AFRC 1120/RELS 1120)
- (H) History of American Law Since 1877 (AFRC 1169/HIST 1169)
- (H) August Wilson and Beyond (AFRC 2325/ENGL 2222/THAR 2325)
- (H) Latinx Environmental Justice (ANTH 3930/ENVS 3445/LALS 3930/SPAN 3930/URBS 3930)
- (H) Introduction to Asian American Studies (ASAM 0100)
- (H) Immigration and the Making of US Law (ASAM 3110/HIST 3910)
- (H) Introduction to Latin American and Latino Studies (LALS 0720/HIST 1702)
- (H) Latinos in the United States (SOCI 2610)
- (H, Writing Sem.) Writing Seminar in ARTH: Museums and Anti-Racism (WRIT 0150)
- (H, Writing Sem.) Writing Seminar in Ethnic Studies: The Model Minority Myth (WRIT 0350)
- (H, Writing Sem.) Writing Seminar in Ethnic Studies: The Rhetoric of Asian American Activism (WRIT 0350)
- (H, Writing Sem.) Writing Seminar in ENGL: The Politics of Passing & Covering (WRIT 0390)
- (H, Writing Sem.) Writing Seminar in LGST: Criminal Injustice (WRIT 0580)