Substance Abuse Prevention

Katherine Ott Walter, Adviser

Phone: (540) 568-8972 Email: ottwalmk@jmu.edu

This cross disciplinary substance abuse prevention minor provides the student with the foundational knowledge and skills necessary to assist communities in designing science-based prevention programs to encourage healthy attitudes and behaviors towards alcohol, tobacco and other drugs. Course work in this minor will help prepare the student for the Certified Prevention Professionals- ATOD exam, which they can take after one year of prevention-related paid work experience and additional prevention-specific training.

Cross Disciplinary Programs: Minors

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>One of the following (foundation knowledge):</td>
<td>3</td>
</tr>
<tr>
<td>HTH 230. Community Health</td>
<td></td>
</tr>
<tr>
<td>PSYC 301. Life Span Human Development</td>
<td></td>
</tr>
<tr>
<td>FAM/GERN/NPS/SOWK 375. Grant Writing for Agencies</td>
<td></td>
</tr>
<tr>
<td>HHS 415. Ethical Decision-Making in Healthcare:</td>
<td></td>
</tr>
<tr>
<td>An Interprofessional Approach</td>
<td></td>
</tr>
<tr>
<td>One of the following (education and skill development):</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 301. Health Psychology</td>
<td></td>
</tr>
<tr>
<td>HTH 351. Health Behavior Change</td>
<td></td>
</tr>
<tr>
<td>One of the following (alcohol, tobacco and other drug-specific):</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 285. Drugs and Behavior</td>
<td></td>
</tr>
<tr>
<td>HTH 378. The Use and Effects of Drugs</td>
<td></td>
</tr>
<tr>
<td>One of the following (public policy-specific):</td>
<td>3</td>
</tr>
<tr>
<td>PPA 359. Policy Analysis</td>
<td></td>
</tr>
<tr>
<td>PPA 462. Social Welfare and Local Policy</td>
<td></td>
</tr>
<tr>
<td>SOWK 335. Social Policy (SOWK majors only)</td>
<td></td>
</tr>
<tr>
<td>One of the following (population-specific):</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 250. Introduction to Abnormal Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYC 335. Abnormal Psychology</td>
<td></td>
</tr>
<tr>
<td>SOWK 396. Youth Empowerment Strategies</td>
<td></td>
</tr>
<tr>
<td>SOWK 387. Working with Teenagers</td>
<td></td>
</tr>
<tr>
<td>Required Capstone Course</td>
<td>3</td>
</tr>
<tr>
<td>HTH 458. Program Planning and Evaluation</td>
<td></td>
</tr>
<tr>
<td>HTH 389. Practicum/Internship (Optional) 1</td>
<td>1-3</td>
</tr>
<tr>
<td>18-21</td>
<td></td>
</tr>
</tbody>
</table>

1 This course is required for students whose major does not have a practicum or internship. Students may complete 30 hours for 1 credit, 60 hours for 2 credits or 90 hours for 3 credits in the field of ATOD prevention/education.

Telecommunications

Dr. Mohamed Aboutabl, Adviser

Phone: (540) 568-7589 Email: aboutams@jmu.edu

Website: http://www.cs.jmu.edu/telecommminor.html

The cross disciplinary minor in telecommunications is designed to augment the student’s major program with a package of courses that will prepare the graduate to obtain a position as a telecommunication/network professional and fill a societal need in one of the fastest growing areas of technology.

The program is developed as a minor principally for those majoring in computer science, integrated science and technology (for students not in the telecommunications concentration) and computer information systems. However, the program is open to any undergraduate with an interest in telecommunications and some computer background.

The telecommunications minor will instill knowledge of:

- Telecommunication terminologies, standards, policies and procedures.
- Basics of data transmission, digital signal processes and signaling hierarchies.
- Architectures, communications protocols and components of LANs, WANS and internetworks.
- The TCP/IP and ATM protocol suites.
- Switching, routing and traffic management in inter-networked environments.
- Voice, video and data transmission over IP and ATM.
- Application development for the Internet.
- Distributed object systems programming and management.

Students are encouraged to check prerequisites. At most four courses can be used to satisfy both the telecommunications minor and a student’s major requirements.

http://www.jmu.edu/catalog/14
Required Courses | Credit Hours
---|---
Choose one of the following: | 3
CIS 320. Telecommunications and Information Processing
ISAT 380. Introduction to Networking and Security
CS/ISAT 460. TCP/IP Networks
ISAT/CS 461. Internetworking
ISAT/CS 464. Telecon in Public Interest
Choose one of the following: | 3-4
CS 139. Algorithm Development
CIS 221. Principles of Programming
ISAT 252. Programming and Problem Solving
Choose one of the following: | 3
CS 458. Cyber Defense
CS/ISAT 482. Network Applications Development
CS/ISAT 463. Network Analysis and Design
ISAT 465. Wireless Networking, Security and Forensics

Urban and Regional Studies

Dr. Henry Way, Coordinator
Phone: (540) 568-8186  Email: wayha@jmu.edu
Website: http://www.jmu.edu/cisat/minors/urs.html

The minor in urban and regional studies prepares students for careers or graduate training in government. While satisfying the B.A. or B.S. requirements of their chosen major, students may complement that major with a 24 credit hour minor in urban and regional studies drawn from the following courses.

Required Courses | Credit Hours
---|---
SOCI 265. Sociology of the Community | 3
POSC 360. Urban Politics | 3
GEOG 376. Urban Geography | 3
ECON 475. Regional Economics | 3
Choose from the following: | 12
ECON 326. Public Finance
ECON 340. Economics of Natural Resources
GEOG 315. Field Studies
GEOG 310A-D/GEOG 310. Environmental Impact (2-3 credits)
GEOG 340. Soil and Land Use
POSC 302. State and Local Government
POSC 495. Internship in Political Science (4 credits)
SOCI 352. Birth, Death, Sex: Exploring Demography
SOCI 361. Bureaucracy and Society

Women’s and Gender Studies

Dr. A.J. Morey, Coordinator- Fall 2014
Phone: (540) 568-7990

Dr. Mary Thompson, Coordinator- Spring 2015
Phone: (540) 568-3758
Website: http://www.jmu.edu/womenstudies

The women’s and gender studies minor is an 18 credit hour cross disciplinary program that explores the scholarship related to gender and equity issues affecting women. This minor includes one required course, WMST 200. The remainder of the program incorporates many academic fields.

Required Course | Credit Hours
---|---
WMST 200. Introduction to Women’s and Gender Studies | 3
Choose five of the following: | 15
ANTH 370. Topics in the Anthropology of Gender
ENG 327. The Gothic
ENG/WMST 368. Women’s Literature
ENG 369. Feminist Literary Theory
ENG/WMST 370. Queer Literature
ENG/WMST 466. Studies in Women’s Literature
HIST 320. Women in United States History
HIST 321. European Women’s History
HIST 327. Technology in America
HIST 448. Gender in Colonial Latin America
HIST 449. Women and Fascism
HIST 468. The Family, 1400-1800
ISAT/WMST 485. Gender Issues in Science
JUST/WMST 341. Gender and Justice
PHIL/WMST 350. The Philosophy of Feminism
PSYC 310. The Psychology of Women and Gender
REL 389. Women and Gender in Islam
REL 315. Women and Religion
SCOM/WMST 348. Communication and Gender
SOCI 338. Race and Ethnicity
SOCI 337. Sociology of Gender
SOCI/WRTC/WMST 420. Feminist Rhetorics
WMST 300. Special Topics in Women’s Studies
WMST 325. Gender and Violence
WMST 400. Issues and Research in Women’s Studies
WMST 490. Independent Studies in Women’s Studies
WMST 492. Internship in Women’s Studies
WMST 495. Special Topics in Women’s Studies

World Literature

Dr. Ramenga Mtaali Osotsi, Coordinator
Phone: (540) 568-6560  Email: osotsitm@jmu.edu

The undergraduate minor in world literature provides students with a chance to study literature from the following areas: Africa, Australasia, Latin America, Middle East, Central Asia, East Asia, South Asia, and a special interest area (Native America, African America, Caribbean, and sections of Europe traditionally not covered in an average student’s classroom experience). By offering a broad yet substantial introduction to literatures produced beyond their traditional Western experience, the minor provides students with a bridge to new cultures and languages. Through a careful examination of literary traditions produced by others, students will be encouraged to develop a clear understanding of the relationship between culture and literature as well as the capacity to think outside the parameters of their own cultural background. Courses that contribute to this minor address both the cultural contexts from which given works emerge and to which they respond, as well as the actual formal literary qualities of the works. By exploring various literary traditions, students will better understand how literature both reflects and interrogates culture. Students interested in the shape of tomorrow’s world will benefit from this exposure to a global perspective on human cultures. This is also good foundation for students aiming to study, especially comparative literature, at the graduate level.