Student Services and Learning Resources

Academic Affairs Mission Statement

(540) 568-6616
http://www.jmu.edu/acadaffairs
The Division of Academic Affairs is a community of scholars engaging students in the collaborative construction and application of knowledge through intellectual pursuits in teaching, learning, research, inquiry, creative activity and service.

Administration and Finance Mission Statement

(540) 568-6434
http://www.jmu.edu/adminfinance
The Division of Administration and Finance is committed to the preparation of students to be educated and enlightened citizens who will lead productive and meaningful lives. The division supports the university's commitment to excellence by empowering our staff to communicate effectively with the university community and provide proactive approaches to satisfy customer expectations.

Student Affairs and University Planning Mission Statement

(540) 568-3685
http://www.jmu.edu/stuaffairs
We are a community committed to preparing students to be educated and enlightened citizens who lead productive and meaningful lives.

Business Services

Bookstore

211 Bluestone Drive, MSC 2902
(540) 568-6121
http://www.jmu.edu/bookstore
The JMU Bookstore stocks all textbooks used by the academic units, as well as a large selection of general and technical books. The store also sells school, office and computer supplies, software, clothing, gifts, magazines and greeting cards. For students’ convenience, the bookstore provides services including special orders for books, textbook buy back, gift certificates, film processing, bus tickets and computer services.

**Card Services**

Warren Hall, Third Floor, MSC 3532  
(540) 568-6446  
http://www.jmu.edu/cardctr  

Card Services issues the JMU access card (JAC), the official identification card for all members of the university community. JAC allows access to various campus facilities and services.

It is also used for meal plans, dining dollar declining balance accounts and FLEX declining balance accounts, all of which are administered by Card Services. FLEX declining balance accounts are honored for purchases or services in the following areas: bookstore, on-campus copy centers and copy machines, game room, library fines, Mister Chips convenience store, postal services, University Health Center, UREC, printing labs across campus, Masterpiece Theatre, Parking Services, UPB movies, on-campus vending machines, Warren Hall Ticket Office and all dining services locations as well as many off campus locations.

**Copy Centers**

Medical Arts, Suite 31, MSC 5722  
(540) 568-7300  
HHS, Room 1002, MSC 4311  
(540) 568-8731  
http://www.jmu.edu/copycenter  

The University Copy Centers are owned and operated by the university as a service to the campus community. Two locations provide a full range of photocopying services. Academic coursepack service, copyright permission service, full color copying, digital copying and digital file storage, network printing, binding, laminating and express photocopying service are available. Hours of operation vary by location. All centers are closed for university holidays.

**Dining Services**

Gibbons Hall, Entrance 7, MSC 0901  
(540) 568-6751  
http://www.jmu.edu/dining  

To meet the varied needs of individual students, Dining Services provides different meal plans. All on-campus residents choose from among three meal plans, which come with the "Student Housing and Food Contract." They are the 19-Meal Plan, the 14-Meal Plan...
and Any-11-Premier Meal Plan. Commuters, who do not automatically have meal plans, may purchase any of the on-campus plans and have the additional options of a ten, five and three meal plan.

The department offers declining balance accounts that operate like debit cards. Students using this plan, called Dining Dollars, get a 5-percent discount and pay no sales tax on anything they buy. Cash sales are also welcome at all Dining Services locations.

**Parking Services**

Parking Deck, 381 Bluestone Drive, MSC 1301  
(540) 568-3300  
[http://www.jmu.edu/parking](http://www.jmu.edu/parking)

All vehicles parked on property owned, operated or leased by James Madison University are required to display a valid JMU parking permit. For information regarding the university’s parking regulations, refer to the Parking and Traffic Regulations Handbook. A copy of the handbook may be obtained free of charge upon request at the Parking Services office. Updated information can be obtained throughout the academic year on the website.

**Career and Academic Planning**

Student Success Center, MSC 1016  
Advising, Room 3210  
Interviewing, Room 3250  
(540) 568-6555  
Employer Relations and Recruiting  
(540) 568-7379  
[http://www.jmu.edu/cap](http://www.jmu.edu/cap)

Career and Academic Planning coordinates academic advising for all first year students and undeclared students; assists students in choosing or changing their major and deciding upon a career direction; and provides a variety of job search programs and graduate school application services.

**Freshman Academic Advising**

Academic advising is vital to student success. The adviser assists students in shaping their educational experience to meet specific intellectual, personal and career goals. Advisers do not decide the student’s goals or program, but help students learn how to develop appropriate goals, make good choices that enhance learning and personal growth, and succeed in and out of the classroom.

During summer orientation, all new students are assigned to faculty or professional advisers who discuss with them the university’s various programs of study, academic policies and procedures, advanced placement/exemption testing, and registration procedures. Advisers continue to work with first year students until midway through
the spring semester, at which time first year students that have declared a major are assigned to advisers in their academic unit. Students remaining undeclared are assigned to a professional adviser in Career and Academic Planning. First year students must declare their major by the beginning of their sophomore year. Refer to Academic Policies and Procedures for information on declaring a major.

JMU students are responsible for the educational choices they make, both short and long term, but they can make those choices in a supportive environment. Effective academic advising is a relationship between student and adviser. Students must be aware of their own interests, values and goals; knowledgeable about relevant policies and requirements; and willing to take the initiative to seek assistance when it is needed. Advisers should respond to the student as an individual, be aware of student progress and help the student make connections between academic choices and career possibilities.

**Graduate School Application and Information Resources**

In the fall semester, students may attend a graduate and professional school fair open to all majors. Additionally, programs on the graduate school application process are offered throughout the year. Career and Academic Planning also offers practice tests for graduate and professional school admission. Numerous resources related to graduate and professional schools can be found on the Career and Academic Planning website.

**Career Advising and Decision-Making**

Career and Academic Planning helps students understand the process of deciding on an appropriate major and relating that decision to possible career paths. Students can meet with professionals and attend various programs to enhance their knowledge of majors, explore career fields, learn career decision-making strategies, discover more about their own interests and strengths and launch an effective job search.

**Career and Academic Planning Course (UNST 102)**

This course is for first year students who want to explore the relationship between academic majors and career fields, identify their major and career interests and learn effective decision-making strategies for choosing a major and a career.

**Academic and Career Resource Center**

The resource center, located on the 3rd floor of the Student Success Center, provides information and assistance related to choosing a major and career planning, internship/summer jobs, job search tools and career trend information. A tool available to all students is FOCUS, a web-based career exploration tool available in the resource center and online. Directories with employer contact information and graduate school options are also available. Resources include books, printed materials, handouts, databases, career software and Web-based information. Information is organized on a self-help basis so that students and faculty may browse at their leisure. Staff members are available to answer questions and help students use resource materials.
Employment, Internship and Job Search Services

Employer Relations and Recruiting Services

Business, industry, government and educational employers come to JMU throughout the year to conduct job interviews with graduating seniors and students seeking internships. Information about the interview program, participating employers and interview sign-ups is available on the Career and Academic Planning website. To interview, students must create a profile on Recruit-a-Duke, an online system that connects students with employment and interviewing opportunities. To help students prepare for interviews, practice interviews with employer participants are held each semester.

Resume Development

Assistance with writing resumes is available to students in many forms. Students may access resume writing resources via the Career and Academic Planning website. Resume writing workshops and other related services are available throughout the year, and students may make an appointment with a career and academic adviser to receive individual assistance. Resume PREP, a program offered each fall, allows students to get resume feedback from employers to help with final revisions.

Career Fairs

The office sponsors a number of career fair events each year to provide students with the opportunity to interact with employers and obtain jobs, internships and employment-related information.

Job Search

Job search related programs are offered throughout the academic year, including presentations on job search strategies for targeted industries, behavioral interviewing, networking and evaluating job offers. Students may also meet individually with a career and academic adviser to tailor their job search.

JMU offers Interview Stream, a web-based interviewing practice application that students may use at any time. Interview Stream allows students to record a practice interview related to their major or career choice and review the video themselves or share it with others for feedback.

Job postings for all majors are available through Recruit-a-Duke, JMU’s online job search system. VAULT online industry guides are available to help with research on specific career fields.

Internships

Recruit-a-Duke and the Career and Academic Planning website provide information on internships available with the federal government, other governmental agencies, nonprofit organizations and private entities. Students interested in internships should contact Career and Academic Planning and the appropriate academic unit office to
obtain additional information. Credit must be arranged in advance with the appropriate academic unit head and the Office of the Registrar.

Center for Multicultural Student Services

Madison Union, Room 207, MSC 3504
(540) 568-6636
http://www.jmu.edu/multicultural

The Center for Multicultural Student Services celebrates the diversity of JMU students by fostering student growth and development, heightening awareness and educating its constituents regarding ethnic and cultural diversity.

The purpose of CMSS is:

• To assist the university in its goal of recruiting and retaining a diverse student population through a variety of programs and services designed to assist students in achieving their academic and career aspirations.
• To encourage the development of a climate in which the accomplishments of multicultural students are appreciated.
• To create an environment through which multicultural students can continue to share in and contribute to the mainstream of campus life.

The office works diligently to provide the following services:

• Cultural Programming and Awareness
• Leadership Development
• Recruitment and Retention
• Student Support

Community Service-Learning

Student Success Center, 2nd Floor
Room 2100, MSC 1011
(540) 568-6366
https://www.jmu.edu/csl

Community Service-Learning (CS-L) programs allow students to learn and develop through active participation in thoughtfully organized community service. Students, faculty, staff and community agencies partner to help prepare students for lifelong community service and civic engagement. Students can serve in over 80 community agencies through service-learning courses or by coming to the CS-L office during the first three weeks of each semester. In addition to local service opportunities, Alternative Break Programs are student led and developed service trips to locations in the United States and abroad. Trips are offered at Thanksgiving, spring and May breaks. Local trips are also offered on weekends. Trips fill up quickly, so check the CS-L website regularly for sign up details. For students eligible for Federal Work Study, America Reads and Community Work Study places students in elementary schools to tutor in reading and in community service agencies that address a variety of community needs.
The Counseling Center provides free, confidential personal counseling services to all full-time JMU students. Appointments can be made in person or over the phone (568-6552). After-hours crisis services may be accessed by contacting the Office of Public Safety (568-6911).

Counseling at the Counseling Center frequently involves issues such as relationship problems, self-esteem, depression, anxiety/stress, eating and body image concerns, and difficulty adjusting to college life.

Services include:

- **Personal Counseling:** Individual counseling provides students with the opportunity to freely explore any personal problems or concerns, which have a negative impact on the quality of their lives. The Counseling Center operates under a short-term treatment model under which the student and counselor collaboratively identify and address the student's primary concerns within a limited number of sessions. Students who request or require longer-term treatment are referred to community resources.

- **Specialized Treatment Programs:**
  - *tacklinganxiety:* This treatment program provides proven strategies to effectively reduce anxiety, worry and panic symptoms.
  - *You've Got This:* This treatment program helps students to develop realistic perspectives and effective skills for coping with the stress of both daily college life and challenging personal situations.
  - *Group Counseling:* Each semester, students may participate in small group experiences on issues related to their needs (e.g., depression, eating disorders, anxiety, grief, etc.).
  - *Sexual Trauma Empowerment Program (STEP):* The Counseling Center provides crisis, individual and group counseling to students who are survivors of sexual assault. Support services are also available to students who choose to pursue judicial charges through JMU or criminal charges through the court system.
  - *Psychiatric Services:* The Counseling Center has a psychiatrist who prescribes medications that may be helpful to students dealing with psychological issues. Only students who are currently engaged in ongoing treatment at the Counseling Center are eligible to receive these services. The cost of any medication and/or necessary lab work is the financial responsibility of the student. Students who are exclusively interested in psychiatric services are provided an off-campus referral.
  - *Consultation:* In person or over the phone, the Counseling Center provides consultation to students, faculty, staff and others who are concerned about the distressed, unusual, problematic, or potentially harmful behavior of others.
  - *Outreach Programming:* Workshops on a wide variety of mental health topics may be requested by visiting the Counseling Center online.
Peer Mentor Program: This program is designed to help first year and transfer multicultural and international students make a successful transition from high school to the university.

**Computer Literacy**

JMU is committed to providing an educational environment that is consistent with current technology in an information society. The university provides all students with the opportunity to have some experience with computers.

The General Education Program requires all students to pass a basic computer proficiency test in their first semester at JMU. Other academic units also offer courses emphasizing computer applications for individual disciplines.

**Computer Ownership**

JMU strongly supports and encourages student use of computers. At some point in each student's college career, he or she will need to purchase a computer in order to meet the curricular expectations of a particular program. Recommended computer configurations for use in specific departments and majors can be found online at www.jmu.edu/computing/purchase.

**Office of the Dean of Students**

Madison Union, 300, MSC 3534
(540) 568-6468
http://www.jmu.edu/deanofstudents

Staff are committed to providing students with impartial, independent and confidential support regarding university policies, procedures and regulations. Specific types of assistance include:

- Assisting students who are considering withdrawing from the university.
- Facilitating communications and connections with university personnel and departments.
- Facilitating the resolution of student issues and concerns.
- Notifying faculty of extended class absences.
- Providing confidential, impartial facilitation of communication.
- Providing direction to students on procedures and regulations.
- Referring students to resources to increase the likelihood of their success.
- Responding to the informational and personal concerns of students, parents, faculty and staff.
- Supporting and empowering students and families in crisis and/or challenging situations.
Office of Disability Services and Learning Strategies

Student Success Center, Suite 1202
(540) 568-6705
(540) 568-7099 (fax)
http://www.jmu.edu/ods

The disability services and learning strategies office is comprised of the following areas:

Disability Services

Disability Services collaborates with the JMU community by providing programs and services that support the university in creating inclusive, equitable environments that value disability, diversity and accessibility. Services include:

- Equal access to university programs and services
- Provision and coordination of reasonable accommodations
- Disability-related support services
- Liaison to faculty, staff and students on disability related issues

Accessible Media & Technology

Student Success Center, Suite 1202
alt-media@jmu.edu
(540) 568-5046
http://www.jmu.edu/ods/accommodations/accessible-media

Accessible Media and Technology provides course materials in alternative formats for students with qualifying disabilities, manages the Accessible Technology Labs and supports university faculty and staff with designing accessible course materials. Services include:

- Textbooks and articles in alternative formats such as audio, large print, accessible PDFs and Braille
- Captioning for videos and recorded audio
- Educational programs on creating accessible course materials
- Accessible Technology Computer Labs with specialized software and furniture are located in Carrier Library, Room 119 and in Rose Library, Room 1204.

Learning Strategies Instruction

Student Success Center, Suite 1202
(540) 568-6705
(540) 568-7099 (fax)
http://www.jmu.edu/lsi/
Learning Strategies Instruction (LSI) is the direct-instruction of curriculum-based strategies designed to improve the actual process of learning. Available to any student, LSI promotes learning efficiency in current courses and is available in such areas as:

- Memory
- Note-taking
- Reading comprehension
- Studying
- Test-taking
- Time management

Screening & Referral Service

Student Success Center, Suite 1202
(540) 568-6705
(540) 568-7099 (fax)

This office provides a one- and one-half hour clinical interview exploring a broad range of historical, academic, study habits/skills, academic frustrations and emotional components. A screening does not yield a diagnosis; rather, it assists in the decision making process for recommending the next step in the process.

Office of Equal Opportunity

1017 Harrison St., MSC 5802
(540) 568-6991
http://www.jmu.edu/oeo

The Office of Equal Opportunity promotes the practice of and adherence to the equal opportunity policies of James Madison University. Bringing diversity to JMU, the program assists in the identification and recruitment of qualified individuals who normally have been underrepresented in the university. It also sponsors workshops on various subjects such as sexual harassment, disabilities and affirmative action.

Title IX of the Education Amendments of 1972 and James Madison University policy protects people from discrimination based on sex in education programs or activities which receive federal financial assistance. Title IX states that no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.

The Office of Equal Opportunity also provides a place where individuals who feel that they have been subjected to harassment or discrimination due to race, color, national origin, religion, gender, age, genetic information, parental status, sexual orientation, veteran status, political affiliation or disability can file a complaint for an impartial resolution. Inquiries may be directed to the Office of Equal Opportunity.
Honors Program

Phone: (540) 568-6953
Website: http://www.jmu.edu/honorsprog

The Honors Program seeks to meet the educational needs of talented, highly motivated students by offering increased opportunities for an enriched and challenging curriculum. It is administered by the directors of the Honors Program and the Honors Faculty Fellows. Under the guidance of recognized teacher-scholars, this program offers students the opportunity to cultivate the habits of critical thinking, independent analysis and creative expression through small classes and independent study. The program offers a setting in which students who share a similar enthusiasm for learning are brought together in intellectual fellowship and provides public recognition for superior academic achievement. The program consists of various modes of study.

Track One Honors Scholars

High-achieving high school seniors apply to enter the Honors Program as Track One Honors Scholars. Track One Honors Scholars complete a total of 27 hours in honors, including six credit hours of honors courses in General Education, nine credit hours of electives in courses designated "Honors" or honors options, six credit hours in cross disciplinary honors seminars or colloquia and six credit hours of independent study – the senior honors project.

Track One Honors Scholars are expected to maintain at least a 3.25 grade point average. Designation as an honors scholar and graduation with distinction will appear on the student's record after completing the program.

Track Two Honors Scholars

The Track Two Honors Scholars Program is open to first- and second-year students with at least a 3.50 grade point average. Students must also submit an application to the program office in which they give their reason for wanting to participate in the Honors Program. Once admitted into Track Two, students are expected to maintain at least a 3.25 grade point average. Students who complete the program will graduate as Honors Scholars and graduation with distinction will appear on the students' records. Candidates for Track Two Honors complete at least 24 credit hours in honors, including a six-credit hour senior honors project, six credit hours in honors seminars and twelve credit hours of electives in honors courses.

Track One and Track Two Scholars Areas of Emphasis

Track One and Track Two Honors students may choose to fulfill their seminar requirements by selecting and completing a series of courses associated with an Area of Emphasis.

There are five emphasis themes offered:

- Creativity
- Research
- Service
• Leadership
• Global studies

Fulfillment of area of emphasis requirements involves the completion of three consecutive courses.

Introductory courses are taken in the fall semester of the sophomore year. There is one introductory course offered for each Area of Emphasis. The primary goal of these courses is to introduce students to key skills associated with the area each serves while establishing a cohort of students with similar interests.

Experiential courses are taken in the spring semester of the sophomore year. Experiential courses come in two varieties: deepening and broadening. Deepening courses are restricted to students of one particular emphasis area and are intended to provide a more in-depth exploration of the skills/concepts introduced in the first seminar course. For example, research emphasis students may follow an apprentice-like “Research in Practice” model of guided literature review with a faculty mentor. Broadening courses are open to students of more than one emphasis area. A course designed to publish a student-driven JMU undergraduate research journal is offered each spring to leadership and research emphasis students. Other broadening courses may cater to service and global studies emphasis students, for example. To maintain continuity throughout each area, students within an emphasis cohort will participate in meetings facilitated by the emphasis coordinator to discuss and reflect back on connections between their first and second semester experiences.

Practicum courses are taken in the fall semester of the junior year. These courses will be student driven and will hopefully manifest as an extension of the second semester experiences. For instance, if a research emphasis student engages in “Research in Practice” during the second semester of his/her sophomore year a natural progression would be the initiation or continuation of a research project with his/her faculty mentor from the previous semester.

**Track Three Honors Project**

Students in their junior year who are not already in the Honors Program but have a cumulative GPA of at least 3.50 are eligible to apply to enter the Honors Program to pursue independent research leading to the completion of a six-credit honors project during their senior year. Once admitted into Track Three, students are expected to maintain at least a 3.25 grade point average. A degree with distinction in the major field is awarded to students completing this project with a grade of "B" or better and approval of the major academic unit.

**Honorary Societies**

The following honorary and professional societies recognized by the Association of College Honor Societies maintain active chapters on the JMU campus. These honors societies are not administered by the Honors Program.

• Beta Gamma Sigma (business)
• Golden Key National Honor Society
• Kappa Delta Pi (education)
• Omicron Delta Epsilon (economics)
• Omicron Delta Kappa (scholarship and leadership)
• Percy H. Warren Chapter of Mortar Board Honor Society
• Phi Alpha Theta (history)
• Phi Beta Kappa
• Phi Kappa Phi National Honor Society
• Phi Sigma Tau (philosophy)
• Psi Chi (psychology)
• Sigma Tau Delta (English)

Other honorary and professional societies at JMU include:

• Alpha Kappa Psi (professional business society)
• American Production and Inventory Control Society (resource management)
• Beta Alpha Psi (accounting)
• Beta Beta Beta (biology)
• Data Processing Management Association (information systems)
• Delta Sigma Pi (professional business society)
• Epsilon Chi Omicron (international business)
• Eta Sigma Delta (hospitality and tourism management)
• Eta Sigma Gamma (honorary)
• Financial Management Association (finance)
• Institute of Management Accountants (accounting)
• Kappa Delta Pi (education)
• Kappa Pi (art)
• National Association of Social Workers Program Unit
• Order of Omega (Greek leadership)
• Phi Alpha National Social Work Honor Society
• Phi Chi Theta (business and economics)
• Phi Epsilon Kappa (physical education honorary)
• Phi Mu Alpha Sinfonia (music)
• Pi Mu Epsilon (mathematics)
• Pi Sigma Epsilon (marketing)
• Rotaract (business)
• SIGGRAPH (digital media production)
• Sigma Alpha Iota (music)
• Society for Collegiate Journalists
• Society of Human Resources Management
• Society of Professional Journalists
• Tau Beta Sigma (band)

Office of International Programs

JMAC 6, Suite 22 7 Suite 23, MSC 5731
(540) 568-6419
(540) 568-3310 (fax)
http://www.jmu.edu/international
Semester Abroad Programs

Recognizing its responsibility to provide international experiences to JMU students, the university sponsors semesters abroad in Antwerp, Beijing, Florence, London, Salamanca and Scotland. JMU students experience life in a different culture and gain direct access to the historical, artistic and sociopolitical traditions of the environment while pursuing an approved course of study toward their bachelor's degree.

The programs are open to all students in good academic standing. Applicants should have at least a 2.0 grade point average.

Semester in Antwerp

Offered during the summer, fall and spring semesters, the Semester in Antwerp program is an experience based program, blending classroom theory with field trips to actual European businesses and sites of historic and cultural interest. While in Belgium, students attend classes onsite at the University of Antwerp with business faculty who specialize in European Integration and the effects of economic and monetary union. This program is open only to business majors who have been accepted into COB 300. No foreign language is needed to participate in this program.

Semester in Beijing

The Semester in Beijing is a JMU summer program that is open to all majors. Classes are taught by English-speaking Chinese faculty at Tsinghua University, one of China's most beautiful and prestigious universities. Courses focus on Chinese language, culture, business, history, politics and the arts. Among the program activities, students meet with business leaders and government officials, tour major historical and cultural sites, and interact with Chinese students on their campus. Proficiency in the Chinese language is not a requirement; however, students do enroll in one language course during the summer semester. Participants may earn a minor in Chinese Business Studies by successfully completing the program and taking MKTG 380, either before or after participating in the program.

Semester in Florence

The program curriculum for the Semester in Florence program highlights the Renaissance tradition of the city through art, literature and culture-related courses, as well as focusing on 20th- and 21st-century Italy and Europe through politics and history. Previous background in Italian is not required; however, students must take at least 3 credit hours of Italian while in Florence. Offered all 3 semesters, fall, spring and summer, this program gives students the opportunity to complete 6 credits toward the JMU General Education requirement for arts and humanities. Interested students can also earn substantial credit toward a minor in Modern European Studies.

Semester in London

During the Semester in London, students study both classic and modern literature and then examine those great works in context, exploring how history influenced the present in Europe's most cosmopolitan city. Internships are also available as part of
the program. With more than 200 possible intern sites in London, positions are widely varied and open to all majors. This unique opportunity allows students to build essential life and career skills while experiencing the British lifestyle first-hand. This program is offered during the fall, spring and summer. Interested students can also earn substantial credit toward a minor in British Communication and Media.

**Semester in Salamanca**

Offered fall, spring and summer, the Semester in Salamanca program gives students the opportunity to experience the cultural richness of Spain, as their exposure to theaters, concerts, cinemas and other performing arts groups will unveil a new aspect of learning. All courses are taught in Spanish; thus, all applicants must have completed the intermediate level of Spanish (SPAN 232) prior to departure. Upon arrival in Salamanca, students enroll in a 3-credit intensive language class at the level appropriate to their needs during their first month abroad. This requirement permits time for students to adapt to Spanish language and culture before entering regular semester courses.

**Semester in Scotland**

Students spend four weeks in Edinburgh and four weeks in St. Andrews as part of the Semester in Scotland program. This study abroad opportunity is open to all majors. Classes are taught by JMU professors and faculty members from the University of Edinburgh and University of St. Andrews, two of the best and most prestigious universities in the United Kingdom. Participating students take 12 credits in General Education courses. Course offerings vary each summer but will always cover courses in Clusters 2, 3, 4 and 5 of JMU's General Education curriculum.

**Program Cost**

The programs' costs differ, but all programs include tuition, housing, a basic food allowance, course-related travel, including extended weekend trips, instructional events, such as theater, concerts, historical tours and guest lectures, and some social activities.

All programs exclude the costs of students' travel to and from the program site. Loans and scholarships may be applied, and semester abroad scholarships and assistantships are available. Students live in a central, convenient part of each city and have ready access to the faculty member in residence or the on-site director if any health problems or emergencies arise. Students enrolled in JMU-sponsored study abroad programs will be covered by a medical insurance policy for the period of time that they are participating in the JMU program.

Interested students can get information about study abroad programs from the Office of International Programs.

**International Exchange Programs**

The university is committed to increasing the opportunities for students' global awareness. Numerous exchange programs with schools and universities abroad are available. JMU's exchange programs are based at prestigious universities around the world, such as LaTrobe University and Flinders University in Australia; University of Leicester in England; Nanzan University, Hiroshima University, Nanzan University, and
Ritsumeikan University in Japan; Yonsei University in South Korea; the Universidad de Salamanca in Spain; American University of Cairo and Misr International University in Egypt; American University of Sharjah in UAE; University of Versailles in France; and Malmo University in Sweden. Language requirements and curricula vary.

Exchanges are available to all majors and minors. Students should consult the Office of International Programs for application deadlines and further information.

Study at Oxford, Cambridge or St. Andrews

The university also offers the opportunity to study abroad for a semester or a full academic year at three of Great Britain’s oldest and most respected universities: the University of Cambridge and the University of Oxford in England and the University of St. Andrews in Scotland. Participants will take part in tutorials across a wide range of topics and live with and share all of the benefits of regular university students. Study at Oxford, Cambridge or St. Andrews is open to all JMU students possessing a 3.3 grade-point average; students do not need to be honors students to participate in this program.

Summer Abroad Programs

During the summer, many international courses and travel study classes are offered. Specific course offerings and departments and schools vary from year to year. A typical summer schedule might include classes in Argentina, Australia, Belgium, Cameroon, Canada, China, Costa Rica, England, France, Germany, Ghana, Greece, India, Ireland, Italy, Japan, Jordan, Kenya, Lebanon, Madagascar, Malta, Mexico, Montreal, Morocco, the Netherlands, the Philippines, Scotland, South Africa, Spain and Turkey. Information regarding courses to be offered each summer can be obtained in the Office of International Programs.

External Abroad Programs

Students may apply to participate in other approved study abroad programs. The university will accept credits earned abroad at approved institutions in accordance with its policy of accepting transfer credits. Approval of proposed study programs must be obtained from the Office of International Programs and the head of the academic unit in which the transfer credit will be awarded. Applications and program resources are available in the Office of International Programs.

JMU Learning Centers

Student Success Center Room 1138
(540) 568-2932
http://www.jmu.edu/learning

JMU’s Learning Centers support students, faculty and staff through the following programs and services:

Communication Center

Student Success Center, Room 1155
The Communication Center provides resources and assistance with digital and oral communication projects and promotes students’ communication excellence through attention to process, innovation and audience-centered design. The center offers consultations, class workshops, and online resources for faculty and students across campus.

Services for digital communication include:

- One-on-one consultations for choosing the most effective online tools and planning a project
- Resources and tutorials on effective digital design, communication, navigation, and usability
- Usability testing for digital projects
- Collaborating with faculty to design effective digital assignments

Services for oral communication include:

- Speech preparation assistance
- Assistance with speech outlines and research
- Speech anxiety reduction strategies
- Developing audience-centered presentations and visual aids
- Enhancement of speech delivery and style

**English Language Learner Services**

Student Success Center, Room 1155
(540) 568-2881
http://www.jmu.edu/ELLS

In addition to opportunities to work on academic skills in a cooperative environment, multilingual learners can seek consultation on such topics as:

- Reading, writing, listening, speaking
- American academic culture
- Multilingual writing groups

**Peer-Assisted Study Sessions**

Student Success Center, Room 1119
(540) 568-2932
http://www.jmu.edu/pass

Peer-Assisted Study Sessions (PASS) help students successfully complete historically challenging courses. Students work together in regularly scheduled out-of-class study sessions that are facilitated by peer educators. These sessions are designed to help students master course content and develop their organizational, study and learning skills. Refer to the PASS website for a current list of supported courses.
Science & Math Learning Center

Student Success Center, Room 1107
(540) 568-3379
http://www.jmu.edu/smlc

The Science and Math Learning Center (SMLC) provides support to JMU students enrolled in first and second year science and mathematics courses by providing a secure, supportive learning environment that fosters independent thinking. The center provides a free, walk-in tutoring service by both faculty and trained peer tutors in the following subject areas: physics, chemistry, mathematics and statistics. Consult the website for a current list of supported courses.

University Writing Center

Student Success Center, Room 1121
(540) 568-1759
http://www.jmu.edu/uwc

The University Writing Center works directly with student and faculty writers, provides resources on writing strategies and supports writing across campus. The center provides:

- Individualized writing consultations
- Computer lab and study space
- Faculty consultations for designing assignments and responding to student writing
- In-class workshops on writing-related issues for any academic course or department

Satellite locations at:

- Rose Library, Main Lobby
- Carrier Library, Main Lobby
- Athletic Performance Center

JMU Libraries

Carrier Library
(540) 568-6150
Music Library
(540) 568-6041
Rose Library
(540) 568-2731
http://www.lib.jmu.edu

The JMU Libraries provide collections, technology, knowledgeable staff and comfortable spaces where people connect with ideas and each other to discover, create and share
knowledge. The Libraries house nearly 650,000 items including books, periodicals and audiovisual materials and also offer access to significant collections of online resources. Carrier Library houses the arts, humanities and social sciences collections and provides spaces for individual and collaborative study. Carrier Library is also home to the Media Resources Center, Special Collections, a computer lab and a coffee shop. The Music Library serves the students and faculty of the School of Music as well as offering its specialized resources to the greater university community. Rose Library houses the science, technology and health sciences collections and provides spaces for individual and collaborative study. Rose Library also has a coffee shop and a 24-hour study area with a secure entrance and a computer lab.

Librarians collaborate closely with instructional faculty to help students develop information literacy skills. Liaison librarians are linked with each academic program to provide a variety of services such as library instruction for course-related activities, collection development and research consultations with students and faculty.

The library website is a gateway to the services and collections of the Libraries. Users can search all library resources, access online resources and find subject guides highlighting the most important research resources in many areas. Information about the libraries such as hours and equipment availability, as well as online services such as Ask a Librarian, Interlibrary Loan and Book a Group Study are available from the website.

Orientation Office

Student Success Center, Suite 2200, MSC 1010
(540) 568-1787
http://www.jmu.edu/orientation

The Orientation Office provides a variety of academic and social programs and services to support new students' transition to the university. All first year students entering in the fall semester attend a one-day orientation program in June or July and a five-day program in August. All transfer students entering in the summer and fall semesters attend a one-day orientation program in early June and a three-day program in August. For all new students entering in the spring semester, orientation activities are offered during one-day orientation programs.

All orientation programs provide new students with academic advising, information about essential student services and insights on how to be a successful student. There are numerous opportunities to meet new people, learn about key academic resources and get involved in campus and community activities.

Pre-professional Health Programs

Dr. Sharon Babcock, Coordinator
(540) 568-6652
pph@jmu.edu
http://www.jmu.edu
Advising and evaluation services are available for students who are preparing for master’s and doctoral-level professional education. Pre-professional health (PPH) programs include sets of recommended courses for students who wish to shape their undergraduate experience toward a specific health profession. PPH programs are advisory; they are not majors, minors, concentrations or tracks.

Schools of professional health are most concerned with the overall scope and quality of a student’s undergraduate performance, and it is important that students select a major based on their interests and aptitudes. Competitive applicants demonstrate excellence in academic accomplishments, growth in healthcare interest, meaningful community and public service, health related experience, research experience, and connections with faculty, mentors and supervisors. Pre-professional health advisers are available to assist students in making academic and career-related decisions.

Service in the community and experience in health-care settings are highly recommended to students considering a professional health career. Requirements for these types of activities vary among programs; students should inquire with their respective program adviser for guidance. Student organizations provide multiple venues to participate in community service and to interact with health professionals; thus, students are encouraged to become involved in the American Medical Student Association, Pre-Dental Society, Pre-Occupational Therapy Association, Pre-Optometry Club, Pre-Pharmacy Society, Pre-Physical Therapy Society, Pre-Physician Assistant Club, Pre-Veterinary Society, the Huber Connection, or International Service and Learning.

Pre-professional health programs are intended as guidelines. The courses outlined below fulfill the admission requirements of many, but not all, professional programs. Since professional schools have unique requirements, students must inquire with their school(s) of interest for definitive admissions requirements.

### Pre-dentistry

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 114. Organisms</td>
<td>4</td>
</tr>
<tr>
<td>BIO 214. Cell and Molecular Biology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 131-132. General Chemistry I-II</td>
<td>8</td>
</tr>
<tr>
<td>(including laboratories 131L-132L)</td>
<td></td>
</tr>
<tr>
<td>CHEM 241-242. Organic Chemistry I-II</td>
<td>8</td>
</tr>
<tr>
<td>(including laboratory 242L)</td>
<td></td>
</tr>
<tr>
<td>CHEM 361. Biochemistry I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 140-150. College Physics I-II (including laboratories 140L-150L)</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (calculus and statistics)</td>
<td>6 -7</td>
</tr>
<tr>
<td>English (ENG, HUM 200 or WRTC)</td>
<td>6</td>
</tr>
</tbody>
</table>

Students are strongly encouraged to take additional course work in psychology (PSYC 101 or PSYC 160), anatomy (BIO 290 or 320), physiology (BIO 370) and microbiology (BIO 380). NOTE: Students should check admission requirements of individual dental schools.
Pre-forensic Studies

Forensic scientists apply the knowledge and techniques of science to the purposes of law. Forensic studies incorporate a wide array of disciplines and can be vital to enforcing criminal laws and government regulations, settling civil disputes, and to protecting public health. Preparation guidelines are outlined for three common areas of graduate study in forensic studies:

Forensic Biology

A biology or chemistry major is recommended with the following:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 114. Organisms</td>
<td>4</td>
</tr>
<tr>
<td>BIO 214. Cell and Molecular Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 224. Genetics and Development</td>
<td>4</td>
</tr>
<tr>
<td>BIO 324. Human Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BIO 343. Immunology</td>
<td>3</td>
</tr>
<tr>
<td>BIO/CHEM 361. Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CRJU 215. Introduction to Criminal Justice</td>
<td>3</td>
</tr>
</tbody>
</table>

Forensic Chemistry

A biology or chemistry major is recommended with the following:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 375/PHYS 275/MATS 275. Introduction to Materials Science</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 331. Physical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 351. Analytical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM/BIO 361. Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CRJU 215. Introduction to Criminal Justice</td>
<td>3</td>
</tr>
</tbody>
</table>

Forensic Anthropology

An anthropology (biological anthropology concentration) or biology major is recommended with the following:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 196. Biological Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 290. Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BIO 270. Human Physiology or BIO 370. Animal Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 426/ANTH 395. Topics in Biology (when topic is Forensic Anatomy)</td>
<td>3</td>
</tr>
<tr>
<td>Choose two of the following:</td>
<td>6</td>
</tr>
<tr>
<td>MATH 321. ANOVA and Experimental Design</td>
<td></td>
</tr>
<tr>
<td>MATH 324. Applied Nonparametric Statistics</td>
<td></td>
</tr>
</tbody>
</table>
MATH 421. Applied Multivariate Statistical Analysis

Students are encouraged to take advanced course work in human anatomy (BIO 410) and human osteology (ANTH 319).

Pre-medicine

Special Admission Requirements

The pre-medicine program at JMU is a pre-professional advisory program that outlines a set of courses, activities and competencies that commonly serve as pre-requisites for admission to doctoral-level programs in medicine (M.D. and D.O.). Strong candidates for medical school must demonstrate excellence in the sciences, thinking and reasoning skills, intrapersonal and interpersonal competencies, and involvement in meaningful extracurricular activities related to medicine.

For pre-medicine students, excellence in academic preparation encompasses completion of requirements for a selected major program of study, a strong foundation in the sciences (biology, chemistry, physics, psychology and sociology) and mathematics, as well as success in advanced course work. With basic science preparation, students from any major are equally prepared for acceptance to medical school. Access to timely information and appropriate guidance is an increasingly important element of a pre-med student’s academic preparation and development.

Declaring Pre-Medicine

Incoming first year and incoming transfer students can declare pre-medicine without verification from the pre-professional health office.

Current students who have completed fewer than 13 credit hours in biology, chemistry, physics and math at JMU will need to submit a declaration form to the Pre-Professional Health Advising Office in Roop Hall, room G24.

Current students who have completed 13 or more credit hours in biology, chemistry, physics, and math at JMU need to submit a declaration form to the Pre-Professional Health Advising Office in Roop Hall, room G24. Requests from these students will only be approved if the student’s overall GPA and science GPA (biology, chemistry, physics and math BCPM) are both 3.00 or above.

Access to Pre-Medicine Advising

Declared pre-medicine students who progress successfully will have sequential access to three levels of pre-medicine advising: entry, benchmark and applicant.

Declared pre-medicine students who have completed fewer than 13 credit hours of biology, chemistry, physics, and/or math course work at JMU have access to entry level advising.

Once pre-medicine students complete 13 or more credit hours in biology, chemistry, physics and/or math course work at JMU, they will be subject to performance queries twice a year. Performance queries will be conducted after summer grades and fall semester grades are posted. Students who achieve and/or maintain an overall 3.00 GPA and a GPA > 3.00 in biology, chemistry, physics and math (BCPM GPA) will have...
access to targeted advising events that emphasize excellence in advanced coursework, intrapersonal and interpersonal competencies, leadership, research, service and medical related experience.

Students whose performance queries reveal an overall GPA < 3.00 and/or a BCPM GPA < 3.00 are at very high risk for admission to medical school. Targeted advising will focus on developing academic skills and career exploration. Those who are unable to attain or maintain an overall GPA and a BCPM GPA > 3.00 will have the pre-medicine declaration administratively dropped. Since the pre-medicine advisory program is not a major, minor, or concentration, this action (drop declaration) will have no impact on a student’s degree program.

Students who wish to re-enter the pre-medicine advisory program may re-declare if their overall GPA and BCPM GPA are both above 3.00. This standard will apply to students who either requested to drop the pre-medicine program voluntarily or were dropped administratively.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 114. Organisms</td>
<td>4</td>
</tr>
<tr>
<td>BIO 214. Cell and Molecular Biology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 131-132. General Chemistry I-II</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>(including laboratories 131L-132L)</td>
</tr>
<tr>
<td>CHEM 241-242. Organic Chemistry I-II</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>(including laboratory 242L)</td>
</tr>
<tr>
<td>CHEM 361. Biochemistry I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 140-150. College Physics I-II (including laboratories 140L-150L)</td>
<td>8</td>
</tr>
<tr>
<td>PHIL 120. Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 101 and/or PSYC 160</td>
<td>3-6</td>
</tr>
<tr>
<td>SOCI 110 and/or 140</td>
<td>3-6</td>
</tr>
<tr>
<td>Mathematics (calculus and statistics)</td>
<td>6-7</td>
</tr>
<tr>
<td>English (ENG, HUM 200 or WRTC)</td>
<td>6</td>
</tr>
</tbody>
</table>

Students are strongly encouraged to take additional course work in genetics (BIO 224), physiology (BIO 370), microbiology (BIO 380), psychology (PSYC 308), sociology (SOCI 375, SOCI 385), and anthropology (ANTH 360).

Students should check admission requirements of individual allopathic, osteopathic, podiatric, naturopathic and chiropractic schools.

### Pre-occupational Therapy

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 270. Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 290. Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 120. Concepts in Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>HTH 210. Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>MATH 220. Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 140. College Physics I (including laboratory 140L)</td>
<td>3-4</td>
</tr>
<tr>
<td>or HTH 441/KIN 407. Rehabilitative Biomechanics</td>
<td></td>
</tr>
</tbody>
</table>

1
Students are encouraged to take additional course work in biology (BIO 114, BIO 214), neuroscience (BIO 301), communication (SCOM), ethics (PHIL 150), psychology and anthropology (ANTH 195).

Students interested in applying to the JMU Occupational Studies concentration (Health Sciences concentration that can lead toward the Master in Occupational Therapy program at JMU) should refer to "Health Sciences."

NOTE: Students should check admission requirements of individual occupational therapy schools.

### Pre-optometry

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 114. Organisms</td>
<td>4</td>
</tr>
<tr>
<td>BIO 214. Cell and Molecular Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 380. Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 131-132. General Chemistry I-II (including laboratories 131L-132L)</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 241-242. Organic Chemistry I-II (including laboratory 242L)</td>
<td>8</td>
</tr>
<tr>
<td>PHYS 140-150. College Physics I-II (including laboratories 140L-150L)</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics (calculus and statistics)</td>
<td>6-7</td>
</tr>
<tr>
<td>English (ENG, HUM 200 or WRTC)</td>
<td>6</td>
</tr>
<tr>
<td>PSYC 101. General Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Students are strongly encouraged to take additional course work in anatomy (BIO 290), physiology (BIO 270 or BIO 370) and/or biochemistry (CHEM 361).

Students should check admission requirements of individual optometry schools.

### Pre-pharmacy

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 114. Organisms</td>
<td>4</td>
</tr>
<tr>
<td>BIO 214. Cell and Molecular Biology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 131-132. General Chemistry I-II (including laboratories 131L-132L)</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 241-242. Organic Chemistry I-II (including laboratory 242L)</td>
<td>8</td>
</tr>
<tr>
<td>SCOM 121. Fundamental Human Communication: Presentations</td>
<td>3</td>
</tr>
<tr>
<td>or SCOM 122. Fundamental Human Communication: Individual Presentations</td>
<td></td>
</tr>
</tbody>
</table>
Mathematics (calculus and statistics) 6-7
\textbf{PHYS 140.} College Physics I (including laboratory 140L) 4-8
\textbf{PHYS 150.} College Physics II (including laboratory 150L)
English (ENG, HUM 200 or WRTC) 6

Students are strongly encouraged to take course work in human anatomy (BIO 290), human physiology (BIO 270), microbiology (BIO 380), genetics and development (BIO 224), biochemistry (CHEM 361), economics (ECON 200 or ECON 201), sociology (SOCI 110 or SOCI 140) and psychology (PSYC 101 or PSYC 160).

Students should check admission requirements of individual pharmacy schools.

\textbf{Pre-physical Therapy} \(^1\)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>\textbf{BIO 270.} Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>\textbf{BIO 290.} Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>Biology electives</td>
<td>6-8</td>
</tr>
<tr>
<td>\textbf{CHEM 131-132.} General Chemistry I-II</td>
<td>8</td>
</tr>
<tr>
<td>(including laboratories 131L-132L)</td>
<td></td>
</tr>
<tr>
<td>\textbf{MATH 220.} Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>\textbf{PHYS 140-150.} College Physics I-II (including laboratories 140L-150L)</td>
<td>8</td>
</tr>
<tr>
<td>English (ENG, HUM 200 or WRTC)</td>
<td>6</td>
</tr>
<tr>
<td>\textbf{PSYC 101.} General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>\textbf{PSYC 160.} Life Span Human Development</td>
<td>3</td>
</tr>
<tr>
<td>\textbf{PSYC 250.} Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>\textbf{SOCI 110.} Social Issues in a Global Context</td>
<td>3</td>
</tr>
</tbody>
</table>

Students are encouraged to take additional course work in biology (BIO 114, 214), organic chemistry (CHEM 241), biochemistry (CHEM 260), and calculus (MATH 205, MATH 231, or MATH 235).

Students should check admission requirements of individual physical therapy schools.

\textbf{Pre-physician Assistant} \(^1\)

<table>
<thead>
<tr>
<th>Courses</th>
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</tr>
</thead>
<tbody>
<tr>
<td>\textbf{BIO 114.} Organisms</td>
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<td>4</td>
</tr>
<tr>
<td>\textbf{BIO 224.} Genetics and Development</td>
<td>4</td>
</tr>
<tr>
<td>\textbf{BIO 270.} Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>\textbf{BIO 290.} Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>\textbf{BIO 380.} General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>\textbf{CHEM 131-132.} General Chemistry I-II (including laboratories 131L-132L)</td>
<td>8</td>
</tr>
<tr>
<td>\textbf{CHEM 241-242.} Organic Chemistry I-II (including laboratory 242L)</td>
<td>4</td>
</tr>
<tr>
<td>Choose one of the following:</td>
<td>3-4</td>
</tr>
</tbody>
</table>
CHEM 260. Concepts of Biochemistry (CHEM 260L recommended, 1 credit)
CHEM 361. Biochemistry I
HTH 210. Medical Terminology 3
MATH 220. Elementary Statistics 3
Choose one of the following: 3
PSYC 101. General Psychology
PSYC 160. Life Span Human Development

Students are encouraged to take additional course work in psychology and biology.
Students should check admission requirements of individual physician assistant schools.

Pre-veterinary Medicine

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 114. Organisms</td>
<td>4</td>
</tr>
<tr>
<td>BIO 214. Cell and Molecular Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 224. Genetics and Development</td>
<td>4</td>
</tr>
<tr>
<td>BIO 370. Animal Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 380. General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 131-132. General Chemistry I-II</td>
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<tr>
<td>(including laboratories 131L-132L)</td>
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<tr>
<td>CHEM 241-242. Organic Chemistry I-II</td>
<td>8</td>
</tr>
<tr>
<td>(including laboratory 242L)</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 361. Biochemistry</td>
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</tr>
<tr>
<td>Mathematics (calculus and statistics)</td>
<td>6-7</td>
</tr>
<tr>
<td>PHYS 140-150. College Physics I-II</td>
<td>8</td>
</tr>
<tr>
<td>(including 140L-150L)</td>
<td>8</td>
</tr>
</tbody>
</table>

Students are strongly encouraged to take additional course work in comparative anatomy (BIO 320), communication (SCOM), psychology (PSYC 101 or PSYC 160), sociology (SOCI 110 or SOCI 140) or anthropology (ANTH 195).

Students should check admission requirements of individual schools of veterinary medicine.

1 Pre-professional health advisory programs do not ensure that requirements at professional schools, including JMU, are met. Consult with each professional school of interest to establish a full listing of prerequisites for that program.

Public Safety

Anthony-Seeger Hall, MSC 6801
(540) 568-6913
http://www.jmu.edu/pubsafety

The Office of Public Safety consists of law enforcement and safety services. The office supports and advances the educational purposes of the university through the provision of a safe and secure environment for learning, working and personal development.
Police

The university police are commissioned officers with comprehensive law enforcement powers. University police continually patrol JMU's campus and facilities, providing full-service protection to the JMU campus community.

The Campus Police Cadet Program carefully screens and trains students to aid the university police. Cadets are on duty from 7 p.m. until 2 a.m. each weeknight and until 3 a.m. on weekends. Cadets are responsible for patrolling the campus and securing academic and administrative buildings each evening. In addition, they provide escort services to students walking across campus. When cadets are off duty, university police officers escort students as needed.

Safety

The university safety engineer is responsible for conducting safety surveys and inspections; investigating fires, hazardous material spills and other dangerous conditions; and providing environmental and workplace safety and health awareness training.

Office of the Registrar

Student Success Center, Room 5300, MSC 3528
(540) 568-6281
http://www.jmu.edu/registrar

The Office of the Registrar is responsible for:

• Add and drop registration procedures
• Athletic certification
• Class schedule preparation
• Commencement activities
• Degree audits
• Diploma issuance
• Enrollment verifications
• Student records
• Transfer credit evaluation
• Transcript issuance
• Veteran's Affairs

Residence Life

Huffman Hall, MSC 2401
(540) 568-4663
http://www.jmu.edu/orl

The Office of Residence Life oversees multiple functions related to living and learning at James Madison University. Offices and programs within the department focus on
student learning, student development and successful transitions throughout the university experience.

FYI focuses on the development of first year students by offering many services specifically targeted toward this group. Community Development oversees the selection, training and supervision of residence hall staff, develops policies and procedures for hall operations, and administers the delivery of programs and services designed to promote student success. Housing Operations manages all university-sponsored housing facilities, including the administration of contracts and room assignments. Business Operations coordinates all maintenance and housekeeping services and manages residence hall summer projects.

<table>
<thead>
<tr>
<th>Office</th>
<th>Telephone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Operations</td>
<td>(540) 568-7576</td>
</tr>
<tr>
<td>Community Development</td>
<td>(540) 568-3501</td>
</tr>
<tr>
<td>Director’s Office</td>
<td>(540) 568-6275</td>
</tr>
<tr>
<td>FYI</td>
<td>(540) 568-3598</td>
</tr>
<tr>
<td>Housing Operations</td>
<td>(540) 568-4663</td>
</tr>
</tbody>
</table>

**Office of Student Accountability and Restorative Practices**

Student Success Center, Room 2122

(540) 568-6218

[http://www.jmu.edu/osarp](http://www.jmu.edu/osarp)

The Office of Student Accountability and Restorative Practices collaborates with partners to facilitate civic responsibility and student development in order to provide opportunities for the cultivation and restoration of the university community.

**Student Government Association**

Madison Union, Room 331, JMU Box 3523

(540) 568-6376

[http://sga.jmu.edu](http://sga.jmu.edu)

Students, faculty and administration share the responsibility for governing JMU. They are represented on the University Council, on its commissions and on standing and special committees reporting to these bodies. The Student Government Association collectively represents the university student population. SGA promotes the welfare of students by providing the medium through which students can actively voice their concerns and by serving as a liaison between the students, faculty and administration at JMU.

**Student Handbook**

The student handbook contains a wealth of information about university policies and regulations, university facilities and student organizations.

**Student Success**

Student Success Center, Room 3010, MSC 1012  
(540) 568-5959  

At JMU, all students can be successful if they rise to the challenges they face as students, take full advantage of the many academic and student support services available to them on the campus, and participate deeply in engagement opportunities on campus and beyond.

Student success succinctly describes JMU’s pervasive philosophy of collaborative, campus-wide efforts to coordinate programs and support services that: help students become more efficient, effective and engaged learners; address students’ physical and emotional health; and provide advice and assistance for a variety of financial, curricular, technical and employment concerns.

The James Madison University Student Success Center houses a number of university departments, resources and functions that support student learning, student health and student services. These include: Campus Police Substation; Card Services; Career and Academic Planning; Centennial Scholars Program; Community Service-Learning; Counseling Center; Dining Services; EPIC Center; Financial Aid and Scholarships; Information Technology Computing Support; Learning Centers; Multicultural Awareness and Student Health Associate Vice President; Office of Disability Services; Orientation Office; Office of the Registrar; Office of Student Accountability and Restorative Practices; Student Affairs Technical Services; Student Success Center Operations; Student Success Programs Associate Vice President; University Business Office; and University Health Center. The Student Success Center is a comprehensive facility unlike any other in scale and scope of programs, services and resources. All of the departments in the center collectively contribute to the success of all JMU students.

In addition to a pervasive philosophy in a comprehensive facility, student success also designates a cross-divisional set of departments focusing on academic achievement, decision-making, civic engagement, individual responsibility and equitable access to the college experience. As an organizational unit, Student Success Programs is a joint effort of the Academic Affairs and the Student Affairs & University Planning divisions. The departments in the Student Success Programs unit are Community Service-Learning, the Office of Disability Services, Learning Centers, the Orientation Office and Student Success Center Operations.

**University Advising**

Roop Hall, Room 200  
MSC 1024  
(540) 568-7350  
[http://www.jmu.edu/advising](http://www.jmu.edu/advising)
University Advising provides support to help students understand graduation requirements and assists them with their academic planning and tracking. Full-time academic advisers in select academic programs and the Madison Advising Peers assist students in declaring a major, progressing through General Education and major requirements, and mapping out a four-year plan. The office also coordinates academic advising for new transfer students and advising support for prospective students enrolled in a Virginia community college who wish to transfer to JMU.

**University Health Center**

Student Success Center, MSC 7901  
(540) 568-6178  
(540) 568-7803  
[http://www.jmu.edu/healthcenter](http://www.jmu.edu/healthcenter)

The University Health Center staff partners with students to empower them to make informed choices by providing a holistic approach to student health, education, wellness and outreach services in a confidential, inclusive and respectful environment. The UHC is staffed by a medical team of board-certified providers, substance abuse prevention specialists and certified health educators who administer care in a confidential and professional manner.

All students must submit an Immunization Form to the University Health Center as a condition of admission. This information is needed to satisfy Virginia law and university requirements and to assist in your care. If your immunization dates are not entered in the health center’s secure, online portal, jmu.edu/MyJMUHealth, and your Immunization Form is not completed and verified, a $50 fine and a registration hold will be placed on your account.

The University Health Center offers free regular office visits for full-time students and low-cost specialty services. In addition, the Health Center offers:

- General Medical Appointment Clinic
- Health education and outreach
- Lab services
- LGBT & Ally Education Program
- Nurse Clinic – allergy shots, vaccinations, international travel medicine, STI/STD testing, TB screening, wound care
- Patient advocate
- Peer health educators
  - Campus Assault Response (CARE) – 24/7 sexual violence hotline
  - Greeks Advocating for Mature Management of Alcohol (GAMMA)
  - *Potty Mouth* – Undergraduate class that produces wellness newsletter
  - Reality Educators Advocating Campus Health (REACH)
  - SafeRides – Free rides home Friday and Saturday nights
  - Student Health Advisory Committee (SHAC)
  - The Men’s Program – healthy masculinity
  - Pharmacy – prescription medications for JMU students written by prescribers on campus and over-the-counter medicines and supplies
  - Radiology/X-ray
Resources to find health insurance
Safer sex supplies
Sexual violence prevention, advocacy and support
Specialty Clinic – dermatology, nutrition services, orthopedics
Substance abuse prevention, intervention, & recovery (Basic and High Expectations)
Walk-in Medical Clinic – acute injuries & illness, allergic reactions, sprains, strains, stitches, minor fractures
Women’s Health Clinic

University Recreation

MSC 3901
(540) 568-8737
http://www.jmu.edu/recreation

University Recreation (UREC) promotes and advances healthy lifestyles through participation opportunities, educational experiences and supportive services. The qualified staff is committed to excellence and attentive to the developmental needs of participants. Educational programming areas include Adventure, Aquatics, Challenge Courses, Fitness, Group Fitness, Informal Recreation, Intramural Sports, Nutrition, Safety, Sport Clubs, Wellness and Youth Programs.

The main UREC facility is located near the JMU Convocation Center on the east side of campus. It is a multi-level fitness and wellness center with over 140,000 square feet of activity space. Building highlights include a 33-foot climbing wall, seven racquetball courts, four basketball/volleyball courts, indoor track, cardio theatre, indoor pool, locker rooms, massage studio, outdoor turf fields and group fitness/multipurpose studios. UREC also houses an equipment center where sports and camping/outdoor equipment can be checked out or rented. Personal training, fitness/nutrition analysis and massage services are also available for a fee.

UREC also encompasses several satellite facilities. University Park, located near campus at 1090 Devon Lane, provides opportunities for drop-in recreation and structured Intramural Sports and Sport Club programs, as well as a team and leadership development program. Facilities include an open event lawn, tennis, sand volleyball and basketball courts, sports turf, pavilion, disc golf course and TEAM Challenge Course. Additional UREC satellite facilities include East Campus Fields, spaces within Godwin and Memorial Halls, and several fields and courts around campus.

A valid JACard is needed to enter UREC and University Park. Online registration is available for educational programs, Group Fitness classes and Intramural Sports. Programs requiring fees can be registered for in-person at the main UREC facility using FLEX or online at URECregister.jmu.edu using a credit card.

University Unions

Madison Union, Room 200, MSC 3501
(540) 568-3341
http://www.jmu.edu/universityunions
The University Unions Department reflects a broad range of programs, facilities and services created to build a sense of community for the campus as a whole. The facilities are the gathering places for the campus, with meeting rooms, assembly spaces, lounges and support services available. They are places where ideas come to life, learning is put into practice and the various constituencies of the campus find common ground.

University Unions is comprised of the following units:

**The Dux Center**

Madison Union, Room 330, MSC 3501  
(540) 568-5901  
[http://www.jmu.edu/dux](http://www.jmu.edu/dux)

The Dux Center (pronounced "dukes," which is Latin for "to lead" or "leadership") is JMU's leadership resource clearing house for students. The premier program sponsored by the Dux Center is Kijiji Citizens of Influence.

The Dux Center also provides information about leadership programs offered by areas across campus. Students may check out equipment, books and other resources useful for leadership development, team building and experiential learning leadership activities.

Professional staff in the Dux Center are certified trainers for the DISC Personality Assessment program and can provide customized workshops to help people learn more about themselves, how to connect with others and how to build teams more effectively. They also serve as leadership consultants, assisting individuals, groups and organizations in the development of their leadership capabilities.

**Madison Union Scheduling**

Madison Union, Room 245, MSC 3501  
(540) 568-6330

**Madison Union Facilities Services**

Madison Union, MSC 3501  
(540) 568-5555  
[http://www.jmu.edu/madisonunion](http://www.jmu.edu/madisonunion)

**Festival Conference and Student Center Scheduling**

(540) 568-1716  
[http://www.jmu.edu/eventmanagement/](http://www.jmu.edu/eventmanagement/)

University Unions provides a comprehensive approach to the coordination of services necessary for campus events and coordination of scheduled meetings and conferences throughout the year.
Four buildings house the programs and services which the University Unions provide for the JMU community. They are the Madison Union (Grafton-Stovall Theatre, Warren Hall and Madison Union) and Festival Conference & Student Center. Facilities Services address physical building, operations and information concerns in these spaces.

Fraternity/Sorority Life

The Office of Fraternity & Sorority Life works with social fraternities and sororities to foster cooperation and communication amongst the chapters, the university and the community. Staff members advise the InterFraternity and Panhellenic Councils, as well as Greeks Advocating the Mature Management of Alcohol (GAMMA), Greek InterVarsity and Order of Omega Greek Leadership Honor Society. Staff members also work with individual chapters to promote the development of character, leadership, scholarship and service.

Office of Student Activities and Involvement

The Office of Student Activities and Involvement houses Student Organizations, Student Government, Mad4U, Make Your Mark on Madison Leadership Program and the University Program Board. The Office of Student Activities and Involvement provides a wide range of educational, social and cultural events, as well as support services for all JMU student clubs and organizations. Student Organization Night at the beginning of each semester offers an opportunity for all students to meet members of clubs, learn about organizations and discover how to become involved with them.

Taylor Down Under

Taylor Down Under, located on the ground floor of Madison Union, is comprised of a lounge, the Corner Pocket Game Room and a coffee bar. The TDU lounge area is a
popular hangout for all students. This area offers computers for student use, television, evening entertainment on the TDU Stage, comfortable seating and an information desk.

University Program Board
Madison Union 324, MSC 3505
(540) 568-6217
http://upb.jmu.edu/
Campus entertainment is scheduled through the University Program Board, a student organization advised through the University Unions. Concerts, films, speakers, trips and numerous other activities designed to complement the educational mission of JMU are arranged by the UPB. The board also solicits collaborative programs with other student organizations, university departments and schools. Committees for which students may volunteer include film, special events, center stage, spirit and traditions, and spotlight sounds.

Withdrawal from the University
Office of the Dean of Students
Madison Union, 300, MSC 3534
(540) 568-6468
http://www.jmu.edu/deanofstudents
The Office of the Dean of Students assists students who are considering withdrawing from the university after the first three weeks of the semester. The student and staff member discuss personal, financial and academic implications including pertinent policies and procedures directly involved with their withdrawal. The staff member will provide and assist the student with the proper withdrawal procedure.