247 Classical Pointe Technique—Beginning/Intermediate (1)
A course for the intermediate level ballet student who wishes to explore an extension of ballet technique. Proper alignment and strength will be emphasized in building a strong point foundation. Corequisite: DANC 245. May be repeated for one credit.

248 Jazz Technique: Intermediate (2, 1)
Jazz technique at a more advanced level including hip hop and lyrical styles, with an emphasis on performance. Prerequisite: placement audition. May be repeated for one credit.

249 Body Conditioning II (2, 1)
This course is an extension of Body Conditioning I. Beginning mat and reformer work will be reviewed before proceeding to intermediate work. Students will experience a more intense conditioning process and investigate conditioning for injuries. May be repeated for one credit.

250 Tap Technique: Intermediate (2, 1)
A course for the student who wishes to continue study and be challenged by intermediate level tap technique. Emphasis on clean, clear sounds and movement combinations. Prerequisite: permission of instructor. May be repeated for one credit.

342 Dance Composition/Improvisation II (3)
An extension of Dance Composition I, this course incorporates complex theories and ideas in composition and improvisation. Development of the students personal artistic voice will be nurtured through creation and manipulation of movement material in solo and group work. Performance and production elements will be emphasized as part of the advanced study of choreography. Prerequisite: DANC 242.

344 Modern Dance Technique: Advanced (2, 1)
A more advanced technique course with an emphasis on technical execution and artistic expression. May be repeated for one credit.

345 Ballet Technique: Advanced (2, 1)
Ballet technique for the advanced level student emphasizing accuracy, style, intricate combinations, strength, endurance and advanced vocabulary. Prerequisite: DANC 245 or placement audition. May be repeated for one credit.

347 Advanced Pointe Technique/Variations (1)
Classical variations will be taught to widen the student's knowledge of historical ballets and give them a physical experience in classic works. Prerequisite: placement audition. Corequisite: DANC 245 or 345. Placement audition. May be repeated.

348 Jazz Technique: Advanced (2)
A continuation of jazz technique providing a stimulating and rigorous application of both the traditional jazz dance vocabulary and contemporary styles. The course prepares the dancer for complex group and solo work for concert performance, video, and musical theatre. Prerequisite: DANC 248 and placement audition. May be repeated for credit.

390 Special Topics in Dance (1–3)
Courses in technique and/or theory. Possible topics: Labanotation, Laban Movement Analysis, Pedagogy, Dance in World Cultures, Music for Dancers, Liturgical and Sacred Dance, Ballet Variations, Historical Social Dance, Folk Dance. May be repeated.

397 Independent Study (1–3)
Independent study proposed by the student, conducted under the supervision of a faculty member with the approval of the department chair.

PROGRAM IN THEATRE

FACULTY
M. Abram-Copenhaver, M. Bialko, M. Duffy, K. Sullivan

PROGRAM DESCRIPTION
The program in theatre provides a comprehensive background in this multifaceted discipline. The study of theatre illuminates, enriches, and interprets human existence. It allows the student the opportunity to gain knowledge of both the process of theatre production and the ideas explored in the literature of the theatre.

STUDENT LEARNING OUTCOMES
A student graduating with a theatre major from Saint Mary's College will be proficient in the following aspects of the art form of theatre:

• Theory: Students will be able to identify, understand, and discuss the theories and analytical techniques which underlie the art form of theatre and its component elements: dramatic literature, design, and performance;

• Practice: Through experiential course work and participation in departmental productions, students will develop the skills needed to create effective works of theatre.

A student is required to explore three basic areas of theatre: its historical and literary foundations; the techniques of translating theory into action; and the translation itself, that is, production. The course work will be applied in practice through production assignments under the close supervision of faculty.

ADVANCED WRITING PROFICIENCY
Students complete this requirement by submitting a portfolio in the fall of the senior year. The papers in the portfolio include: an analysis of a one-act play and two other papers written for courses which fulfill the requirements for the major in Theatre.

SENIOR COMPREHENSIVE
The Senior Comprehensive in theatre takes place during the fall and spring semesters of the senior year. In the fall, the student chooses a one act play to research and analyze on both literary and theatrical levels. This work is then synthesized into a paper. During the spring, the student actualizes the production, serving as both director and designer, for a live performance before an audience.

PROGRAM IN THEATRE

Bachelor of Arts, Major in Theatre—THTR (36 hours)

All of the following (22 hours minimum):

THTR 205 Introduction to Acting 3 hours
THTR 245 Stagecraft 3 hours
THTR 265 Play Analysis for the Theatre 3 hours
THTR 355 Voice and Movement 3 hours
THTR 375 Rehearsal and Performance 1–3 hours
THTR 380 History of Theatre 3 hours
THTR 475 Stage Directing 3 hours
THTR 480 Production Projects 3 hours

One of the following courses in dramatic literature:

THTR 378 Contemporary Women's Drama 3 hours
THTR 410 Advanced Topics in Theatre (Tennessee Williams) 3 hours

Three of the following not used to satisfy the above requirements (9 hours):

THTR 135 Introduction to Theatre 3 hours

Saint Mary's College | 183
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>THTR 305</td>
<td>Characterization</td>
<td>3 hours</td>
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<tr>
<td>THTR 325</td>
<td>Playwriting I</td>
<td>3 hours</td>
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<tr>
<td>THTR 335</td>
<td>History of Western European Cultural Performance</td>
<td>3 hours</td>
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<tr>
<td>THTR 360</td>
<td>Oral Interpretation</td>
<td>3 hours</td>
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<tr>
<td>THTR 365</td>
<td>Fashion and Costume History</td>
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<td>THTR 385</td>
<td>Beginning Fashion and Costume Construction</td>
<td>3 hours</td>
</tr>
<tr>
<td>THTR 387</td>
<td>Hair and Makeup for the Stage</td>
<td>3 hours</td>
</tr>
<tr>
<td>THTR 405</td>
<td>Styles of Acting</td>
<td>3 hours</td>
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<tr>
<td>THTR 410</td>
<td>Advanced Topics in Theatre (approved topics)</td>
<td>3 hours</td>
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<tr>
<td>THTR 430</td>
<td>Theatre Management</td>
<td>3 hours</td>
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<tr>
<td>THTR 445</td>
<td>Scene Design</td>
<td>3 hours</td>
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<tr>
<td>THTR 455</td>
<td>Costume Design</td>
<td>3 hours</td>
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<tr>
<td>THTR 477</td>
<td>Playwriting II</td>
<td>3 hours</td>
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<tr>
<td>THTR 499</td>
<td>Internship</td>
<td>1–3 hours</td>
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</table>

**Required Supporting Courses:**

**One of the following courses in dance (2 hours):**

<table>
<thead>
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</thead>
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<tr>
<td>DANC 144</td>
<td>Modern Dance Technique: Beginning</td>
<td>2–1 hours</td>
</tr>
<tr>
<td>DANC 145</td>
<td>Ballet Technique: Beginning</td>
<td>2–1 hours</td>
</tr>
<tr>
<td>DANC 148</td>
<td>Jazz Technique: Beginning</td>
<td>2–1 hours</td>
</tr>
<tr>
<td>DANC 150</td>
<td>Tap Technique: Beginning</td>
<td>2–1 hours</td>
</tr>
</tbody>
</table>

**Minor in Theatre (Production)—THPR (12 hours)**

**All of the following:**

- THTR 245  Stagecraft 3 hours
- THTR 265  Play Analysis for the Theatre 3 hours
- THTR 375  Rehearsal and Performance 3 hours

**One of the following 300-400 level electives:**

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<td>History of Theatre</td>
<td>3 hours</td>
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<tr>
<td>THTR 385</td>
<td>Beginning Fashion and Costume Construction</td>
<td>3 hours</td>
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<tr>
<td>THTR 405</td>
<td>Styles of Acting</td>
<td>3 hours</td>
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<td>THTR 430</td>
<td>Theatre Management</td>
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<td>Scene Design</td>
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<tr>
<td>THTR 455</td>
<td>Costume Design</td>
<td>3 hours</td>
</tr>
<tr>
<td>THTR 477</td>
<td>Playwriting II</td>
<td>3 hours</td>
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</tbody>
</table>

**Minor in Theatre (Performance)—THPE (12 hours)**

**All of the following:**

- THTR 205  Introduction to Acting 3 hours
- THTR 265  Play Analysis for the Theatre 3 hours
- THTR 375  Rehearsal and Performance 3 hours

**One of the following 300-400 level electives:**

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<td>THTR 325</td>
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<td>Costume Design</td>
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</table>

**Minor in Musical Theatre—MUTH (17 hours)**

**All of the following:**

- DANC 151  Musical Dance Forms 2 hours
- THTR 205  Introduction to Acting 3 hours
- THTR 245  Stagecraft 3 hours
- THTR 410  Advanced Topics in Theatre: Acting from the Musical Stage 3 hours

**One of the following:**

- MUS 114  Voice (one credit per semester taken for two semesters) 2 hours
- MUS 250  Vocal Techniques 2 hours

**One of the following:**

- MUS 101  Class Piano (one credit per semester taken for two semesters) 2 hours
- MUS 111  Piano (one credit per semester taken for two semesters) 2 hours

**One of the following:**

- DANC 148  Jazz Technique: Beginning 2 hours
- DANC 150  Tap Technique: Beginning 2 hours

**THEATRE COURSES (THTR)**

**135 Introduction to Theatre (3)**

A broad and comprehensive view of theatre and how it communicates. Fulfills the fine arts requirements.

**205 Introduction to Acting (3)**

Exploration of the elements of a realistic acting technique using games, improvisations and exercises, culminating in two-character scenes later in the semester.

**245 Stagecraft (3)**

An introduction to the techniques of the backstage world. Areas of study include scenic and property construction, scenic painting, stage lighting, theatre safety, and special effects. This course is an introduction to theatrical design and technical production techniques.

**265 Play Analysis for the Theatre (3)**

Reading and analyzing play texts from theatrical and literary perspectives. Fulfills the fine arts requirement. Offered once every year.

**305 Characterization (3)**

Exploration of the process of characterization with emphasis on techniques of physical transformation and psychological realism. Prerequisite: THTR 205.
325 Playwriting I (3)
Principles of writing for the stage. Emphasis on dramatic structure, character development, plot management, dialogue and critical analysis.

335 History of Western European Cultural Performance (3)
The History of European Performance is a research and response-based course designed to show the cultural import of performance in each country we visit, and to explore the impact of performance on a viewer. We will look at dance, music, or theatre in each of the countries we visit. There may be reading, discussion, and on-location opportunities at performance venues, historic sites, and museums. Students will learn how to critically analyze a production. Students will demonstrate their understanding of the effects of cultural performance on the viewer and/or the maker via a research paper. Note that some work must be completed prior to departure, some must be completed while abroad, and some must be completed upon return.

355 Voice and Movement (3)
Development of techniques based on understanding and integration of body/mind. Areas of study include body image, body awareness, alignment, relaxation, voice production, and vocal work on literature.

360 Oral Interpretation (3)
The study and analysis of literature through performance. Students will gain experience in the epic, lyric, and dramatic modes of solo performance in addition to a beginning exploration of ensemble work in a performance study (also listed as COMM 360)

365 Fashion and Costume History (3)
This course will give an overview of the history of fashion from prehistoric times to the present day. Upon completion of the course, students will be able to identify appropriate vocabulary terms for garments and their components, silhouettes, how clothing affected manner and style, and how social history affected clothing. We will utilize the elements of design, fashion history, and primary sources to create costume designs, and composing written, critical analyses of professional costume and fashion designs. Students will also complete two short-answer exams to assess their ability to recall and articulate what information has been presented in the course lectures.

375 Rehearsal and Performance (1–3)
Rehearsal and performance of a faculty-directed production. Participation as an assistant director, stage manager, crew member, or actor in a 5–7 week rehearsal/performance period. Prerequisite: Audition, permission of the instructor. May be repeated for up to a maximum of 9 hours of credit.

378 Contemporary Women’s Drama (3)
An examination of the texts and movements which comprise contemporary drama in today’s multicultural world, as written by contemporary American women playwrights.

380 History of Theatre (3)
A study of the development of theatrical art, including the physical theatre, production practices and cultural contexts, from the beginnings in primitive rituals through contemporary time.

385 Beginning Fashion and Costume Construction (3)
This course will teach basic costume and fashion technology, will examine the main differences in construction for clothing versus costumes, and will let students participate in the garment construction process. The students in the course will research and understand women’s contributions to the field of design and technology, and how women, historically, have been an integral part of the manufacturing process.

387 Hair and Makeup for the Stage (3)
Students will gain an understanding of the process of applying practical makeup and will learn age, trauma, weight, and corrective techniques. Students will learn to style wigs and their own hair for a number of periods commonly associated with theatrical productions. This course offers equal focus on research, design, concept writing, and technique.

405 Styles of Acting (3)
Techniques to equip the contemporary actor to deal more comfortably with the textual and stylistic problems of acting in period plays. Prerequisite: THTR 205 and 305.

410 Advanced Topics in Theatre (3)
Possible topics: improvisation, musical theatre, audition techniques, stage makeup, lighting and sound design, literary seminars.

430 Theatre Management (3)
The principles and practice of producing for the commercial stock, resident college, and community theatre. Areas of study may include theatrical unions, stage management, and grant writing.

445 Scene Design (3)
An in-depth introduction to scenic design for the stage from concept to rendering. Students analyze plays for design considerations. Then develop scenic design concepts and learn to communicate design ideas.

455 Costume Design (3)
The theory and practice of costume design, including design projects. Students explore the process of design from script to research, creating paperwork, and finally rendering visual designs.
475 Stage Directing (3)
Emphasis on techniques and styles of directing for the stage. Readings, exercises, and directing project.

477 Playwriting II (3)
Principles of dramatic writing focusing on the full-length form. Experiments with a variety of techniques of composition including improvisation, historical research and oral history. Prerequisite: THTR 377.

480 Production Projects (3)
Planning and execution of a large-scale project. Majors select, analyze, design, direct and produce a one-act play during their senior year of study. This serves as the “capstone” senior comprehensive in Theatre.

490 Special Topics in Theatre Studies (1–3)
Seminars in theatre. Various topics.

497 Independent Study (1–3)
Research for the advanced student. Permission of the instructor. May be repeated.

499 Internship (1–3)
Practical off-campus experience in theatre-related field at an approved site. Jointly supervised by a faculty member and a representative from the sponsoring organization. Graded S/U.

PROGRAM DESCRIPTION
A Data Scientist is a professional who combines many types of technical and industry competencies to turn data, which is very often idiosyncratic and ambiguous, into actionable intelligence in a business environment. The skills needed to make this transformation draw from mathematics, statistics, computer science, and business, and require the ability to communicate technical information to people with a range of technical competence. Saint Mary’s Master of Science in Data Science program is designed to rapidly bring students to the point of functioning in the role of a data scientist and then, building on the initial growth, to develop expertise with their data science skills.

Data-driven decisions are made across most major industry sectors on a daily basis. This means the work of data scientists can be done by those from an array of backgrounds as long as they have a foundation in the skills listed above, namely, mathematics, statistics, and computer programming. At Saint Mary’s students can earn a bachelor’s degree, in any area, and the data science master’s degree in just five years.

4+1 PATHWAY FOR SAINT MARY’S UNDERGRADUATE STUDENTS
Saint Mary’s undergraduate students meeting the prerequisites set forth below may apply to the Master of Science in Data Science program as a second semester junior or first semester senior. If admitted to the graduate program, students will complete two graduate courses in data science in the senior year prior to baccalaureate graduation. The student will continue data science courses in the summer term immediately following her baccalaureate graduation and continue for the next fall, spring, and summer terms to complete the bachelor’s and graduate degree in five years.

Prerequisites
- Calculus I
- Calculus II
- Statistics
- Computer Programming
- Linear Algebra (or equivalent)
- Completion of one graduate Data Science course (only for those applying in fall semester of her senior year)

For more details about the Master of Science in Data Science program, refer the *Graduate Policies and Programs* section.